

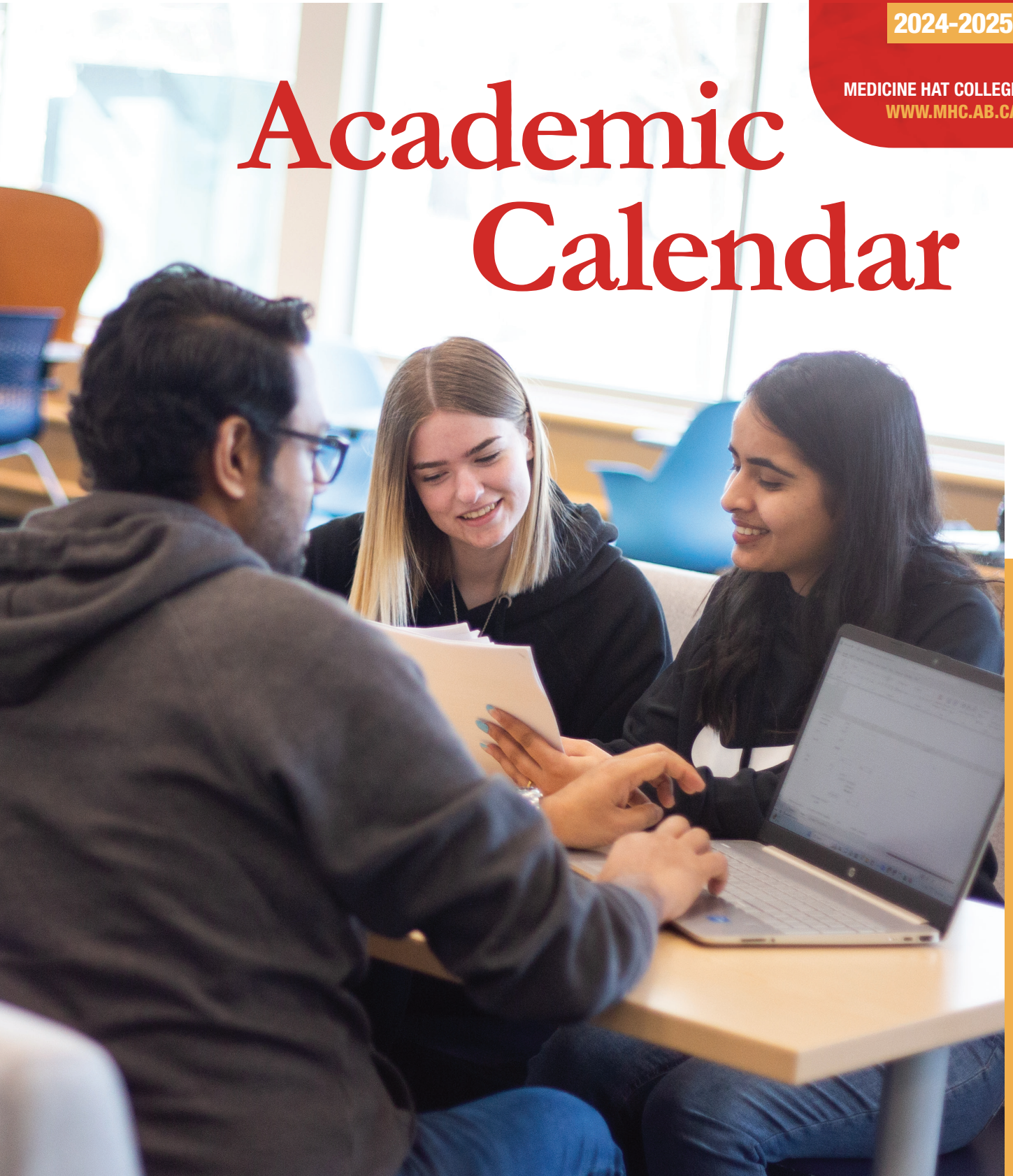


MEDICINE HAT  
COLLEGE

2024-2025

MEDICINE HAT COLLEGE  
[WWW.MHC.AB.CA](http://WWW.MHC.AB.CA)

# Academic Calendar





## Welcome to Medicine Hat College

We are committed to growing a vibrant future with learners and our region and are here to help you find your personal path to success.

Whether you are looking to prepare for a specific career or build a solid foundation for further education, deciding to attend MHC is a great first step.

With two campuses located in Medicine Hat and Brooks, we offer more than 40 certificate, diploma, degree, trades, and university transfer programs along with flexible delivery options and work integrated learning. From education, science and health to business, trades and technology, there are so many opportunities waiting for you.

At MHC, you will also find dedicated faculty and staff who are invested in you as a person and as a student, as well as a variety of services and campus amenities to support your success.

Our partnerships – on campus and in our communities – connect you to people, resources and experiences that enhance your education. Learn from industry professionals in class presentations, engage in applied research through our Centre for Innovation, and build valuable relationships and skills through practicums and work placements.

We are proud to serve students from Southeast Alberta as well as those who join us from across the country and around the globe. Once you're here, take time to meet new people, discover new interests and explore everything Southeast Alberta has to offer. Make a cultural connection in Omahksipiita, our new Indigenous gathering space or consider study abroad opportunities. Interested in leadership? Join the Students' Association and be a voice for all MHC students. Prefer sports and fitness? Try out for a Rattlers Athletics team, cheer them on from the stands in the Snake Pit, or simply workout for free in our new Fitness Centre.

The time is yours! We encourage you to make the most of it.

We'll see you soon,

Kevin Shufflebotham  
President and CEO

## Welcome from your Students' Association

Welcome students, both new and old, to Medicine Hat College. The Students' Association of Medicine Hat College (SAMHC) is here for your benefit. We are your student government and we work for you. The SAMHC is the voice of the student body on campus, in the community, and at the provincial level.

The SAMHC provides multiple services for students to take advantage of, including our student benefits, locker rental, website, blackboard page to help keep up to date on important deadlines and upcoming events. We also provide assistance with academic appeals, peer support, schedules numerous awareness weeks and events throughout the year. Our Wellness Hub houses our on campus emergency student food bank if the need arises. As well, if you have some spare time, we have a number of volunteer opportunities, and would always appreciate the help.

In addition to providing these important services, we are the voice of the student body on many different boards and committees on campus including the Board of Governors, General Academic Council, Human Rights Committee, and many more. This is your best chance to have your voice heard; come in to discuss any of your questions or concerns.

The SAMHC also sponsors a number of activities throughout the year. The Den is a multipurpose space where you can study, relieve some stress with a game of ping pong or just hang out with friends. Follow SAMHC on Facebook or Instagram to keep up to date on the many entertainment events offered throughout the year.

The SAMHC believes that the key to maximizing your experience at Medicine Hat College is to get involved. Take part in the activities and events the SAMHC puts on, volunteer and/or join a student club, or run for a Student Representative position and come and work with us. In particular, helping the SAMHC through volunteer work will allow for the further development of activities and events and will provide you with some great résumé-building experiences. The SAMHC can only continue and grow with the help of students like you. Look us up at: [www.samhc.ca](http://www.samhc.ca).

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## IMPORTANT NOTICE AND DISCLAIMER

The material and information in this Calendar is compiled from academic and administrative office submissions and are time-sensitive. Every reasonable effort is made to ensure it is correct and accurate at the time of publication, but inaccuracies and errors may occur. The Medicine Hat College calendar is available online at [www.mhc.ab.ca](http://www.mhc.ab.ca) and will be updated as necessary to reflect changes to programs and services.

Official Medicine Hat College policies are published online at [www.mhc.ab.ca/policiesandprocedures](http://www.mhc.ab.ca/policiesandprocedures). If there is an inconsistency or conflict between the policies published in the Medicine Hat College calendar and those published on the college website, the policies published on the college website will prevail. Questions regarding college policies may be directed to [policyanalyst@mhc.ab.ca](mailto:policyanalyst@mhc.ab.ca).

By the act of registration with the Medicine Hat College, each student shall be deemed to have agreed to be bound by the regulations and policies of the College and of the program in which that student is enrolled as well as any relevant policies and regulations. Students are responsible for familiarizing themselves with the general information, rules and regulations contained in the Calendar, and with the specific information, rules and regulations of the program they are registered or enrolled or seek registration or enrolment, as well as the specific requirements of each applied degree, diploma, or certificate sought. It is the student's responsibility to ensure that the courses chosen are appropriate to the program and graduation requirements.

Students should note that not every course listed in the Calendar is offered every year.

The Medicine Hat College has the responsibility and reserves the right to make changes in the information contained in the Calendar and will provide as much notice as administratively possible in effecting such change.

# ACADEMIC SCHEDULE 2024-2025

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## July 2024

July 1 ..... Canada Day (College Closed)  
July 2 ..... Summer semester Classes Begin  
July 4 ..... Course Add Deadline for Summer semester  
July 9 ..... Course Drop Deadline to receive a refund for Summer Semester

## August 2024

August 1 ..... Fall Semester Residence Due  
..... Applications Open for Spring 2025  
..... Applications Close for Summer 2024  
August 5 ..... Heritage Day (College Closed)  
August 19 ..... Course Withdraw Deadline to receive a "W" grade  
August 21 ..... College Day (College Closed to the public and no classes)  
August 30 ..... Last day of Summer semester classes

## September 2024

September 2 ..... Labour Day (College Closed)  
September 3 ..... New Student Orientation  
..... Domestic Applications close for Fall 2024  
September 4 ..... Credit Classes Begin  
September 11 ..... Course Add Deadline  
September 18 ..... Course Drop Deadline  
..... Deadline to apply for Transfer Credit and Prior Learning Assessment & Recognition (PLAR) for Fall  
..... Fall Deadline to make changes to Student Health & Dental Plan (opt-out or add family)  
..... Tuition & Fees Deadline for Fall Semester  
September 30 ..... National Day for Truth and Reconciliation (no classes)

## October 2024

October 1 ..... Applications Open for Fall 2025  
..... International Applications Close for Winter 2025  
October 14 ..... Thanksgiving Day (College Closed)

## November 2024

November 11 ..... Remembrance Day (College Closed)  
November 12 & 13 ..... Student Study Break (No Classes)  
November 21 ..... Course Withdraw Deadline to receive a "W" grade

## December 2024

December 2 ..... Winter Semester Residence Fees Due  
December 10 ..... Last day of Credit Classes  
December 12-20 ..... Exams for Credit Classes  
December 21 ..... Domestic Applications close for Winter 2025  
December 24-31 ..... Christmas Break (College Closed)

## January 2025

January 1 ..... New Year's Day (College Closed)  
January 2 ..... College Open - Winter Student Orientation  
January 6 ..... Credit Classes Begin  
January 10 ..... Course Add Deadline  
January 17 ..... Course Drop Deadline  
..... Deadline to apply for Transfer Credit and Prior Learning Assessment Recognition (PLAR) for Winter  
..... Winter Deadline to make changes to Student Health & Dental Plan (opt-out or add family for January Registrants only)  
..... Tuition & Fees Deadline for Winter semester

## February 2025

February 3 ..... International Applications close for Spring 2025  
February 17 ..... Family Day (College Closed)  
February 18 - 21 ..... Student Study Break (No Classes)

## March 2025

March 25 ..... Course Withdraw Deadline to receive a "W" grade

## April 2025

April 10 ..... Last Day of Credit Classes  
April 12-25 ..... Exams for Credit Classes  
April 18 ..... Good Friday (College Closed)  
April 20 ..... Application deadline for Bachelor of Applied Science - Paramedic program  
April 21 ..... Easter Monday (College Closed)

# ACADEMIC SCHEDULE 2024-2025

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## May 2025

May 1	Credit Classes Begin for Spring Session May Session and May/June Session
	Domestic Applications Close for Spring 2025
	Application deadline for Education, Social Work, Nursing
	Domestic Applications Open for Summer 2025
	2025/2026 Credit Class Registration Begins
May 2	Course Add Deadline for Spring May Session
May 5	Course Drop Deadline for Spring May Session
May 6	Course Add Deadline for Spring May/June Session
May 7	Tuition & Fees Deadline for Spring May and May/June Sessions
May 8	Course Drop Deadline in Spring May/June Session
May 19	Victoria Day (College Closed)
May 26	Course Withdraw Deadline for Spring May Session to receive a "W" grade
May 30	Credit Courses end for Spring May Session

## June 2025

June 2	Applications open for Winter 2026
	Domestic Applications Close for Spring 2025
	International Applications Close for fall 2025
	Credit Courses begin for Spring June session
June 3	Course Add Deadline for Spring June Session
June 4	Course Drop Deadline for Spring June Session
June 6	Tuition & Fees Deadline for Spring June Session
June 13	Spring Convocation
June 17	Course Withdraw Deadline for Spring May/June Sessions to receive a "W" grade
June 24	Course Withdraw Deadline for Spring June Session to receive a "W" grade
June 30	Credit Courses end for Spring June & May/June Session

*Some program start and end dates may vary from general College start/end dates. Please refer to program sites on the web for specific information for start and end dates for classes and practica.*

# ACADEMIC SCHEDULE 2025-2026

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## July 2025

July 1 ..... Canada Day (College Closed)  
 July 2 ..... First Day of Summer Semester  
 July 4 ..... Course Add Deadline  
 July 9 ..... Drop and Pay Deadline for Summer Semester

## August 2025

August 1 ..... Fall Semester Residence Fees Due  
 ..... Applications Open for Spring 2026  
 ..... Applications Close for Summer 2025  
 August 4 ..... Heritage Day (College Closed)  
 August 18 ..... Course Withdraw Deadline to receive a "W" grade  
 August 20 ..... College Day (No classes & college closed to the public)  
 August 29 ..... Last Day of Summer Credit Classes

## September 2025

September 1 ..... Labour Day (College Closed)  
 September 2 ..... New Student Orientation  
 September 3 ..... Domestic Applications close for Fall 2025  
 ..... Credit Classes Begin  
 September 10 ..... Course Add Deadline  
 September 17 ..... Course Drop Deadline  
 ..... Deadline to apply for Transfer Credit and Prior Learning Assessment & Recognition (PLAR) for fall  
 ..... Last day to opt-out of Student Health and Dental Plan  
 ..... Last to day to pay tuition and fees for Fall semester classes  
 September 30 ..... National Day for Truth and Reconciliation (no classes)

## October 2025

October 1 ..... Applications Open for Fall 2026  
 ..... International Applications close for Winter 2026  
 October 13 ..... Thanksgiving Day (College Closed)

## November 2025

November 10 ..... Student Study Break (No Classes)  
 November 11 ..... Remembrance Day (College Closed)  
 November 12 ..... Student Study Break (No Classes)  
 November 20 ..... Withdraw with "W" Grade Deadline

## December 2025

December 1 ..... Winter Semester Residence Fees Due  
 December 9 ..... Last Day of Credit Classes  
 December 11-20 ..... Exams for Credit Classes  
 December 19 ..... Domestic Applications close for Winter 2026  
 December 24-31 ..... Christmas Break (College Closed)

## January 2026

January 1 ..... New Year's Day (College Closed)  
 January 2 ..... College Open  
 January 5 ..... Winter Student Orientation  
 January 6 ..... Credit Classes Begin  
 January 12 ..... Course Add Deadline  
 January 19 ..... Course Drop Deadline  
 ..... Transfer Credit and Prior Learning Assessment Recognition Winter Deadline  
 ..... Last day to opt-out of Student Health and Dental Plan (January Registrants Only)  
 ..... Last day to pay tuition and fees for Winter semester classes

## February 2026

February 2 ..... International Applications close for Spring 2026  
 February 16 ..... Alberta Family Day (College Closed)  
 February 17-20 ..... Student Study Break (No Classes)

## March 2026

March 25 ..... Withdraw with "W" Grade Deadline

## April 2026

April 3 ..... Good Friday (College Closed)

# ACADEMIC SCHEDULE 2025-2026

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April 6 .....Easter Monday (College Closed)  
 April 15 .....Last Day of Credit Classes  
 April 17-28 .....Exams for Credit Classes  
 April 20 .....Application Deadline for Bachelor of Applied Science: Paramedic Program

## May 2026

May 1 .....Domestic Applications close for Spring 2026  
 .....Application deadline for Education, Social Work, and Nursing for Fall 2026  
 .....Applications open for Summer 2026  
 .....Credit Classes Begin for Spring May and May/June Session  
 .....Credit Class Registration Begins  
 May 4 .....Course Add Deadline for Spring May Session  
 May 5 .....Course Drop Deadline for Spring May Session  
 .....Course Add Deadline for Spring May/June Session  
 .....Last day to pay tuition and fees for Spring May & May/June Session  
 May 8 .....Course Drop Deadline for Spring May/June Session  
 May 18 .....Victoria Day (College Closed)  
 May 26 .....Withdraw with "W" Grade Deadline for Spring May Session  
 May 29 .....Credit Classes End for Spring May Session

## June 2026

June 1 .....Applications Open for Winter 2027  
 .....Domestic Applications Close for Spring 2026  
 .....International Applications Close for Fall 2026  
 .....Credit Classes Begin for Spring June Session  
 June 3 .....Course Add Deadline for Spring June Session  
 June 4 .....Course Drop Deadline for Spring June Session  
 June 6 .....Last day to pay tuition and fees for Spring June Session  
 June 12 .....Spring Convocation  
 June 17 .....Withdraw with "W" Grade Deadline for Spring May/June Session  
 June 24 .....Withdraw with "W" Grade Deadline for Spring June Session  
 June 30 .....Credit Classes End for Spring Session May/June & June Session

*Some program start and end dates may vary from general College start/end dates. Please refer to program sites on the web for specific information for start and end dates for classes and practica.*

# ABOUT MEDICINE HAT COLLEGE





# ABOUT MEDICINE HAT COLLEGE

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## Athletics and Recreation

### Campus Recreation & Intramurals • 403.529.3834

Interested in campus recreation & intramurals? We offer a variety of fun and competitive sports for all levels. We encourage students and staff to register for volleyball, ball hockey, dodgeball, basketball, fitness classes, and much more. Have something else in mind. Let us know.

### Fitness Centre • 403.529.3840

Our brand new Fitness Centre, with brand new state of the art Fitness Equipment, (located in the G Wing) offers a large selection of cardio and weight equipment for all levels of users. Laundry and towel services are available, as well as lockers are available. Please see the Fitness Centre staff for details. Please visit the Fitness Centre for hours of operation of all our facilities. The College Fitness Centre is available free of charge for all full time Medicine Hat College students.

### Rattlers

Medicine Hat College competes in the Alberta College Athletic Conference (ACAC). Men's and Women's teams compete in volleyball, basketball, soccer, futsal, cross-country running, women's hockey, and golf. Scholarships may be available to all student-athletes who play on a Rattlers team. Whether you are an athlete or not, you can come and cheer on the teams in our gym or on the soccer pitches free of charge.

## Learning Supports

Medicine Hat College is committed to the success of its learners and offers a number of supports to assist with academics and with adjustment to the college learning environment.

### Academic Advising • 403.529.3819 • [info@mhc.ab.ca](mailto:info@mhc.ab.ca)

Academic Advising is an interactive process where advisors provide students with professional and accurate information on course selection, policies and procedures and make referrals to student support services. Advising is a shared responsibility between the student and the college in which advisors proactively engage students and encourage them to become active and responsible participants in their educational journey. Knowledge gained through advising empowers students to make educated choices regarding their academic plans. Advising can be done in person, by email, virtually, or by telephone.

### Academic Coaching Services • 403.529.3819

Academic coaching is an empowering service offered to all MHC students that aims to have them thrive. Together with an academic strategist, you can explore your mindset, student self-concept and a wide range of student success strategies. Students can get clear on their personal and academic goals, habits of working and any difficulties or barriers to success. Exploring your strengths and challenges with skills such as motivation, study routines, time management, note taking, test taking, communication and more can help you reach your full academic potential. The academic strategist is available for confidential, one-to-one appointments, small group meetings and in-class workshops.

### Academic Resources Centre • 403.529.3896 •

[exams@mhc.ab.ca](mailto:exams@mhc.ab.ca)

The Academic Resources Centre offers help in several areas that are key to success. These include exam supervision for MHC students and external students, tutoring services specializing in Math and Science, peer tutoring and study skills.

### Accessibility Services • 403.529.3824 • [twatkins@mhc.ab.ca](mailto:twatkins@mhc.ab.ca)

Students who self-identify themselves as having a disabilities may access the following academic accommodations (not an exhaustive list): extra time to complete exams in a quiet setting, exams and textbooks in audio format, access to reading and dictation software, advanced access to Power Points and/or the ability to record lectures and assistive technology training and support. Please contact the Accessibility Services Coordinator, [twatkins@mhc.ab.ca](mailto:twatkins@mhc.ab.ca), at least eight (8) weeks prior to the semester starting to get more information in terms of eligibility requirements to be approved for the above academic accommodations. Please consult the Accessibility Services Handbook for more detailed information.

### Faculty

The Medicine Hat College offers quality learning experiences in classroom, lab, field, practicum, clinical, apprenticeship, and virtual settings. Our faculty are passionate about teaching and are professionals in their fields who offer students expertise relevant to their future careers and studies. In addition to providing students with quality instruction, faculty are available to offer students assistance, consultation, and guidance in order to help them achieve success in their studies.

### Indigenous Engagement & Student Support • 403.504.3503

The Indigenous Engagement & Student Supports team welcomes all students and community to learn and experience Indigenous culture. They provide connection for both Indigenous and non-Indigenous students to a wide range of academic, financial, and personal supports and services. Their welcoming and supportive environment provides a familiar space, and a sense of belonging for Indigenous/Metis/Inuit students and serves as a link to the elders and community supports for cultural resources, teachings, and events.

### Library Services • 403.529.3867 (MH), 403.362.1690 (Brooks)

[mhclibrary@mhc.ab.ca](mailto:mhclibrary@mhc.ab.ca)

The Vera Bracken Library at the Medicine Hat Campus and the Brooks Campus Library offer bright, comfortable spaces to work, study, or take a break. Our skilled library staff will help you navigate thousands of books, eBooks, journal articles, magazines, videos, curriculum materials and more. We are happy to assist you in-person at the service desks, by appointment, telephone, text message, online chat, or email. Whether you need study space, internet, or access to computers and multimedia equipment, you can find it in the library.

### Writing Support Services • 403.529.3819 • [writingsupport@mhc.ab.ca](mailto:writingsupport@mhc.ab.ca)

Writing Support Services provides guidance to students who want to improve their academic writing. The team of Writing Specialists provides practical support for written assignments, essays, and research projects, and they can instruct students in proper formatting, grammar, punctuation, outlining, thesis development, essay structure, self-editing, and citation styles. Appointments Security Desk or shop online at [bookstore.mhc.ab.ca/](http://bookstore.mhc.ab.ca/).

# ABOUT MEDICINE HAT COLLEGE

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can be booked online, and support is offered through a variety of modes: in-person appointments, Blackboard video calls, email reviews, video feedback, phone calls, workshops, and in-class presentations.

## Lifestyle

### Cafeteria

Medicine Hat College cafeteria offers a variety of affordable menu choices. Our selections range from healthy salads, made to order wraps and sandwiches, hot entrées, food fresh off the grill as well as hot soups and pizza. Let us know if you have special dietary needs and we will do our best to accommodate you. Don't forget to check out our freshly baked muffins and pastries, and daily specials from the entrée corner. In a rush, check out our Grab N Go selection of sandwiches, salads, fruit and meals to go.

### Campus Life

Campus Life Committee is a group of students, staff, and faculty dedicated to fostering a sense of community on campus through fun and congenial activities. These activities include Spirit Days; come out and wear your black and gold to support the Rattler Athletic teams. Campus Life sponsors decorating contests for Halloween and Christmas, healthy snacks during exams as well as appreciation lunch in the spring. The committee also organizes the annual staff, and faculty Golf Tournament and Christmas party and fun events that bring the college community together.

### Common Grounds

Need a coffee? Stop by the Common Grounds coffee shop and enjoy a locally roasted coffee or one of our many specialty options: latte, espresso or a delicious, flavored coffee. We also carry a selection of teas, served hot or cold. Stop by and relax with a fresh brewed cup, just visit with friends or to study, Common Grounds is the place to be.

### Crave Pub • 403.504.3540

Crave is the campus pub owned and operated by Medicine Hat College. Crave hosts different kinds of events, and is also a proud sponsor of the Rattlers Athletics program. Crave offers affordable es for event use.

### Clubs • 403.529.3925

Interested in forming a club on campus obtain more information and the necessary forms from the SAMHC. Some examples of clubs are: SEUS (Science & Engineering Undergraduate Society), Social Work Students, BAS (Business Ambassador Students), ENACTUS (Entrepreneurial) and VAS (Visual Arts Students). For a copy of the club package and list of active clubs please visit [www.samhc.ca](http://www.samhc.ca)

## Services

### Bookstore • 403.529.3809 • [bookstore@mhc.ab.ca](mailto:bookstore@mhc.ab.ca)

In addition to college textbooks, we carry a wide selection of stationery, electronic gadgets, drafting and art supplies, as well as giftware and leisure books. We also carry a variety of both MHC and Rattlers branded clothing.

September thru June our store hours are 8:00 a.m. - 4:00 p.m.  
Monday-Friday. During July and August our hours are  
9:00 a.m. - 3:00 p.m. Monday-Friday. Stop by and visit The

Bookstore located just inside the main doors across from the Security Desk or shop online at [bookstore@mhc.ab.ca](mailto:bookstore@mhc.ab.ca).

### Bus Services

Medicine Hat Transit provides regular bus service to the campus. For further information, check out the City of Medicine Hat transit website at [www.medicinehat.ca](http://www.medicinehat.ca).

### Counselling Services • 403.529.3819 • [counselling@mhc.ab.ca](mailto:counselling@mhc.ab.ca)

Individual counselling services are available Monday to Friday between 8:30 a.m. - 4:30 p.m. for students who require additional support or referrals to community services while attending college. Groups and other programming are also available, please check [www.mhc.ab.ca/en/student-life/counselling-and-care/mental-health-and-counselling](http://www.mhc.ab.ca/en/student-life/counselling-and-care/mental-health-and-counselling) for current offerings. Services are free to current students. Appointments are recommended and can be made by calling 403.529.3819 or emailing [counselling@mhc.ab.ca](mailto:counselling@mhc.ab.ca). Walk ins are available on a Wednesday, no appointment necessary. The counsellors reserve some appointments during the week if an urgent appointment is needed. If you know of a student who is at risk, please refer them to counselling services through the Students at Risk Support system online [www.mhc.ab.ca/services/counsellingandcare/SARS](http://www.mhc.ab.ca/services/counsellingandcare/SARS), or by calling 403.529.3819.

### Financial Aid Office • 403.504.3594 • [finaidinfo@mhc.ab.ca](mailto:finaidinfo@mhc.ab.ca)

The Student Financial Aid Office is able to provide you with information about various funding options such as student loans, grants, bursaries, and awards. They may also provide guidance for when funding is delayed or may be insufficient. For complete detailed information please see our online funding guide: [www.mhc.ab.ca/Services/FinancialAid/Student-Loans](http://www.mhc.ab.ca/Services/FinancialAid/Student-Loans).

### Health and Dental Plan • 403.529.3925

The Students' Association of Medicine Hat College provides an Extended Health and Dental Care Plan to member students. A mandatory fee for the Plan is assessed to all full time domestic students during the registration process. To verify whether you are enrolled in the SAMHC Health & Dental Plan, check your fee statement, and look for the "Student Association Health/Dental Fee" line items. Students may opt out of the Plan if they provide proof of comparable coverage for an extended health and/or dental care benefits plan and complete the online waiver form before the opt out deadline. Please see the Fees section in the Calendar for further information. To learn more about benefits or to opt out during the opt-out period visit [www.samhc.ca](http://www.samhc.ca).

### Inclusive Post-Secondary Education • 403.504.3623 • [inclusiveeducation@mhc.ab.ca](mailto:inclusiveeducation@mhc.ab.ca)

Through the Inclusive Post-Secondary Education initiative, Medicine Hat College supports students with developmental disabilities to realize and achieve their educational and career goals. Students with developmental disabilities can enrol in programs of study and attend college courses as auditing students. Instructors, students, classmates, and Inclusion Alberta facilitators work together to create inclusive learning experiences, participation in campus life and are supported in finding meaningful employment that reflects their career goals. Inclusive Post-Secondary Education is a collaboration between Inclusion Alberta and Medicine Hat College.

# ABOUT MEDICINE HAT COLLEGE

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## **Interfaith Centre • 403.581.8199**

The Interfaith Centre is located in room F155 and is the home of the Chaplaincy at Medicine Hat College. The Chaplain works closely with students, staff, and faculty alike towards building a strong, resilient community on campus. The Interfaith Centre is a comfortable setting for conversations of all kinds, and soft place to land in times of difficulty; it's open to all and all are welcome. Check out the variety of programming in place or feel free to suggest something that would work for you and your spiritual needs. The Chaplain is available by email at [chaplain@mhc.ab.ca](mailto:chaplain@mhc.ab.ca), and by phone or text 403.878.0803.

## **Medical Services • [www.mhcollegeclinic.com](http://www.mhcollegeclinic.com)**

College Clinic offers their service at Medicine Hat College to provide walk-in services to students and employees. Walk-in clinic services are available to MHC students and employees. Hours vary, so please check with the clinic.

## **Parking**

MHC enforces a year-round, pay parking policy for all vehicles parked on the Medicine Hat campus. The hours of enforcement are 7 a.m. to 5 p.m., Monday through Friday, excluding statutory holidays and days of college closure. All parkers are expected to follow MHC's Parking Policy and Regulations. These can be found online at: [www.mhc.ab.ca/AboutMHC/CampusAmenities/ParkingServices](http://www.mhc.ab.ca/AboutMHC/CampusAmenities/ParkingServices).

Parking permits (daily, hourly, monthly, semester, annual) are available for purchase through the Hotspot application and website [www.htsp.ca](http://www.htsp.ca) or in person through the MHC Bookstore. In addition, you can purchase hourly or daily parking from coin operated dispensers in various parking lot locations on campus. Disabled parking is available to permit holders in designated locations; pay parking is still in effect in these locations.

While the college strives to provide as many parking spaces as possible for faculty, staff, students and visitors, there are times when demand exceeds availability. Parking is on a first come, first served basis. During times of construction, maintenance and special events it may be necessary to reduce parking availability.

Student Residence parking permits are not valid in parking lots on campus. These permits can be accessed through Student Services.

## **Students' Association • 403.529.3925 • [samhc@mymhc.ca](mailto:samhc@mymhc.ca)**

The Students' Association of Medicine Hat College (SAMHC) is the voice for all students on campus and in provincial forums. Representatives from the SAMHC sit on the General Academic Council and the Medicine Hat College Board of Governors. Elections for the Executive Council of the SAMHC are held in March of each year and the Executive Council members hold their positions, which are paid, from May 1 until April 30 of each year. The Executive Council takes direction from the Students' Association Council, a chief decision making body comprised of six or more elected student representatives. The elections for positions on the Students' Association Council take place in September. All students are welcome to attend the meetings of the Council, which take place monthly. The SAMHC advocates, sponsors activities, provides a Student App, (look for SAMHC in the App store or Google play store) offers a number of services including photocopying, faxing,

scanning and locker rentals. The SAMHC office is located in the F-wing in room F113 (across from Crave Pub). During the fall and winter terms the office is open weekdays until 4 p.m. Visit [www.samhc.ca](http://www.samhc.ca) for more information.

## **Student's Association Wellness Hub • 403.502.8993**

Need a break? Need someone to listen or to talk to? The Wellness Hub, part of the Students' Association of Medicine Hat College, is happy to provide confidential peer-to-peer assistance to students experiencing stress, relationship issues, loss, sexual health and study desk, office chair, and closet with shelving. or drug/alcohol related issues. For those seeking knowledge, the Wellness Hub provides a wealth of printed and informal resources on all aspects of wellness. The Student's Association also offers access to an Emergency Food Bank through the Wellness Hub, providing a 3-day emergency supply of food for students with urgent needs; the Health and Wellness Coordinator can also make referrals to local resources and supports for those experiencing long-term food insecurity.

## **Residence • 403.529.3820**

Your home at the Medicine Hat and Brooks College Residence is a comfortable, four bedroom, fully furnished unit. Each unit comes equipped with; internet, fridge, stove, freezer, microwave, washer, dryer, and vacuum. Bedrooms have an extra-long single bed, All you need to bring is your own dishes, pots, pans, cutlery, coffee pot, and toaster.

Our Medicine Hat College Residence offers a cozy Community Room for students to get together and hang out, watch movies, or cook in the newly renovated kitchen space.

## **Student Career Services**

Student Career Services provides support geared to help Medicine Hat College students figure out their career pathway and obtain meaningful employment. Through career advising, interest inventories, resume and interview support, or through our annual Career Expo and Job Fair, Student Career Services is a valuable bridge between students and the careers that await them. Student Career Services staff work with hundreds of employers each academic year to highlight job opportunities and connect them with MHC students and graduates. Students and alumni are welcome to obtain services through one-on-one appointments, workshops, and email consultations. Located in the Centre Core, Student Career Services looks forward to assisting students with achieving their career-related goals.

# ABOUT MEDICINE HAT COLLEGE

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## **International Opportunities • 403.504.3615**

Medicine Hat College has a strong commitment to prepare students for the workplace of increasing cultural diversity and encourages students to participate in education programs abroad and on campus. International Education offers several opportunities for students interested in gaining international or intercultural experience.

### **Faculty-led Study Abroad**

This option is initiated by a faculty member to complete a program or course component in an international location.

### **International Degree Completion**

Medicine Hat College is proud to facilitate relationships with international universities and colleges that offer Medicine Hat College diploma graduates the opportunity to earn an International degree. This program enables Medicine Hat College diploma to international partner institutions for credit towards a four-year bachelor degree.

### **International Education • 403.529.3819 • [Inted@mhc.ab.ca](mailto:Inted@mhc.ab.ca)**

International Education creates awareness of MHC programs among prospective international students, coordinates programming to support international students and facilitates international and intercultural learning opportunities for students, faculty and staff.

### **International Education Ambassador Program**

International Education Ambassadors work closely with the International Education Office to support international education activities and programs at Medicine Hat College. Ambassadors participate in a variety of events and activities related to the transition of international students to MHC and promotion of cultural awareness and global experiences.

### **International Health & Dental Plan • 403.529.3819**

International Education administers international health insurance coverage for international students enrolled at MHC, and for MHC students travelling internationally on education abroad programs. International health insurance coverage is mandatory for international students at MHC. International students in credit courses are automatically enrolled in and charged for the mandatory insurance upon registration in courses unless proof of equivalent alternate basic and extended health insurance coverage is provided.

### **Other Opportunities**

The International Education Office will work with students, courses and programs to facilitate international learning opportunities of value.

### **Semester Exchange**

Through an exchange agreement with a partner university or college, each institution allows selected full-time Canadian students in good academic standing to enroll at a partner institution for one or two semesters.

### **Summer Study Abroad**

Medicine Hat College partners open their campus to students who are looking to travel abroad for the summer and study for a short period, normally from 3-7 weeks.

# ADMISSIONS



## General Admission Requirements

Admission to any program found in the Academic Calendar follows the academic and institutional policies of Medicine Hat College. Additional programs and educational pathways are available through Medicine Hat College's Continuing Studies Division.

Medicine Hat College's admission processes are transparent and equitable. Medicine Hat College encourages applications from any applicant in possession of the academic subject admission requirements at the level required for successful entry into a Medicine Hat College program or a collaborative program for which Medicine Hat College admits. Students not in possession of the requirements for admission should connect directly with the institution for advice to assist in attaining their educational goals. Challenges to admission assessments should be sent to [admissions@mhc.ab.ca](mailto:admissions@mhc.ab.ca) where they may be escalated to the Coordinator, Admissions and Recruitment for review.

Completion of a high school credential may be a requirement for entry into Medicine Hat College's programs provided students present the appropriate level of subject requirements.

## Applications

Applications can be made in-person or on-line. An application fee is required for any Medicine Hat College program found in this Academic Calendar.

## Transcripts

Applicants are required to provide official transcripts for admission. Alberta high school and post-secondary transcripts will be requested by Medicine Hat College on behalf of a student once an application has been submitted. Students attending high school from outside of Alberta must consult with the official transcript authority of their province or country in order to provide official transcripts directly to the College. Post-secondary official transcripts must be provided to the college directly from each institution attended. Transcripts noting transfer credit from a previous institution do not exempt students from providing both transcripts directly from the original post-secondary institutions.

Photocopies or faxed copies of transcripts are not considered official, but may be considered for conditional admission purposes where appropriate.

*NOTE: Official high school and post-secondary institution transcripts must be received by the Admissions Office prior to the start of classes. Failure to provide transcripts will result in registration and/or admission being withdrawn.*

## English Language Proficiency Requirements

Medicine Hat College conducts academic learning in English. If a student possesses less than three years of full-time education in English at the secondary level, or two years of full-time education at the post-secondary level, students must demonstrate proficiency in the English language before being admitted. Certain countries have been designated as exempt from English Language Proficiency (ELP) requirements; please visit the [ELP information page](#) at [www.mhc.ab.ca](http://www.mhc.ab.ca) for further information. Please note, enrolment in English as a Second Language or English as an Additional Language (ESL or EAL) courses or programs are not included in the calculation of two or three years of full-time study.

## General English Language Proficiency

Students who are required to meet English language proficiency requirements but are not looking to complete the Health Care Aide program or an Advanced English Language Proficiency program outlined below, are subject to the General English Language Proficiency requirements.

## Advanced English Language Proficiency

Advanced English Language Proficiency is required for students completing the following programs:

- Aviation Management Certificate
- Child and Youth Care Counsellor Diploma
- Kinesiology Diploma
- Nursing (\*see note)
- Occupational Therapist Assistant/Physical Therapist Assistant Diploma
- Bachelor of Applied Health Sciences (Paramedic)
- Post-diploma certificate in Marketing & Design
- Practical Nurse Diploma
- Social Work Diploma
- Speech-Language Pathologist Assistant Diploma

*\*NOTE: Students applying to the Bachelor of Nursing program should be aware that Medicine Hat College follows the requirements of the University of Calgary Bachelor of Nursing degree program for English Language Proficiency. Please contact Admissions at [admissions@mhc.ab.ca](mailto:admissions@mhc.ab.ca) for more details.*

# ADMISSIONS

English language proficiency can be demonstrated in one of the following ways:

Name of Assessment	General ELP	Advanced ELP	Health Care Aide ELP
Completion of an Alberta Education English Language Arts courses (or Canadian equivalent) that meets the requirements of the applicant's intended program of study	Accepted	Accepted	Not Accepted
Advanced Placement Coursework	AP English with a 4 or better	AP English with a 4 or better	Not accepted
CAE (Cambridge English Language Assessment)	180	185	Not accepted
CAEL (Canadian Academic English Language Computer or Paper-Based)	60 with no score below 50	Not accepted	
CLB (Canadian Language Benchmark Assessment)	Score of 7 in each band	Score of 8 when completed with a LINC program <sup>1</sup>	Score of 7 in each band
CPE (Cambridge English Proficiency)	180		
Duolingo	105	120	95
GCE Advanced Level (A or AS level), GCSE, IGCSE	B grade or better		
IB (International Baccalaureate Coursework)	English A1, A2, A Literature, or A Language & Literature with a 5 or better; or IB English B with a 6 or better.		
IELTS (International English Language Testing System)	6.0 with no band below 6.0	7.0 with no band below 7.0	6.0, no band below 5.5
MELAB (Michigan English Language Assessment Battery)	80	Score of 90 with a minimum score of "3 plus" on the speaking test	
ILAC (International Language Academy of Canada)	Successful completion of Pathway Program level 3.2	Not accepted	Not accepted
PTE (Pearson Test of English)	54	64 but students must also complete another exam with a spoken language requirement	
TOEFL PBT (Test of English as a Foreign Language - paper-based)	550	Not accepted	
TOEFL iBT (Test of English as a Foreign Language - internet-based)	79	92 with a minimum of 23 in each sub-score	Minimum score of 71

<sup>1</sup> CLB is NOT accepted for Paramedic, Aviation, Practical Nurse, or the collaborative Bachelor of Nursing program.

# ADMISSIONS

Name of Assessment	General ELP	Advanced ELP	Health Care Aide ELP
Canadian English Language Proficiency Index Program (CELPIP) General	Not accepted	Not accepted	7 with no section score below 6
Canadian English Language Benchmark Assessment for Nurses (CELBAN)	Not accepted	Not accepted	Score of 7 in each band
Canadian High School Equivalency Diploma (GED)	Not accepted	Not accepted	Passing grades in all 5 tests
Full time secondary education in English within an ELP exempt country	3 years of full-time secondary education	3 years of full-time secondary education	3 consecutive years of full-time secondary education
Full-time post-secondary education in English within an ELP exempt country	Successful completion of 2 years of full-time post-secondary education	Successful completion of 2 years of full-time postsecondary education	2 consecutive years of fulltime post-secondary education in a subject outside of HCA
Completion of accredited diploma or degree from a Canadian post-secondary institution where English is primary language of instruction	Accepted	Not accepted	Not accepted

**Notes:**

Official test results must be submitted directly to Medicine Hat College.

Results must have been obtained within two years of the start date of the program.

IELTS (Academic) and TOEFL results are valid for two years from the day of testing. Results that expire prior to the Start Date of the program will not be accepted.

Medicine Hat College requires Academic versions of English Language Examinations.

University studies students should become acquainted with the English Language Proficiency requirements of the institution to which they plan to transfer. Gaining admission to Medicine Hat College does not guarantee meeting the requirements of the university.



# ADMISSIONS

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## Additional English Language Proficiency Requirements

Students presenting English Language Proficiency scores for admissions between the requirement of an IELTS 6.0 but below the equivalent to an IELTS 7.0, or students who have been identified during their studies as requiring additional English Language Support, may be required to complete additional English Language course requirements extra to their program.

## Collaborative Programs

Medicine Hat College holds agreements with post-secondary partners to provide a variety of educational pathways to students. Certain programs that are offered in collaboration with partner institutions will be subject to the admission standards and rules of the agreement or the partner institution including but not limited to:

- academic subject requirements
- academic subject equivalencies (e.g. out of province and foreign equivalencies)
- English Language Proficiency

Students should connect with the College directly if they have questions regarding the requirements of collaborative programs and their admission requirements.

## Accessibility

Medicine Hat College is committed to ensuring access to the academic environment. Students who require accommodation, should identify their required supports early in the admissions process to the Accessibility Service office to allow the College to maximize the support options available. Contact the Accessibility Services office at 403.529.4865 for more information.

## Admission of Home Schooled or Home Educated Students

Medicine Hat College respects the variety of pathways a student may take towards post-secondary education. If applicants have completed a Home Schooled or Home Education program they may qualify for admission by providing the relevant provincial diploma examinations or via previous work they have completed at an accredited post-secondary institution.

## Applications with Foreign Credentials

Regardless of their status in Canada (citizen, permanent resident or attending on visa), applicants who present foreign credentials must meet the academic and English Language Proficiency (ELP) requirements (see ELP) for their program of choice. All submitted documents must be sent directly from the ministry or official examination body to be deemed official.

Applicants must be aware of the time lines for obtaining official documents from their home country and for having their application reviewed. Prospective students should allow adequate time to receive a Canadian Visa for studies. Individuals should carefully review the criteria for admission and check their email frequently to ensure they have provided all the correct documents and data required for a decision. Students requiring a permit to study in Canada may wish to connect directly with the Government of Canada website for information on required permits and documentation – it is the student's responsibility to ensure they meet the requirements of the Government of Canada in addition to the Medicine Hat College admission requirements as the processes are separate. Typically, a student who has submitted all required, official documents will receive an admission decision from Medicine Hat College within 3 to 4 weeks of applying.

## When to Apply

Opening and closing dates for domestic and international applications are outlined in the Academic Schedule at the front of the Medicine Hat College calendar and online at [www.mhc.ab.ca/programs-and-admissions/admissions](http://www.mhc.ab.ca/programs-and-admissions/admissions). Some programs have limited enrolment, so applying early is recommended.

## Admission Routes

Applicants are considered for the most appropriate of three admission routes, according to their qualifications. Students do not need to disclose the route for which they would like to be considered.

### High School Route

High school applicants have secondary (high school) credentials only with little or no post-secondary study. Students must consult the program(s) of interest to determine which specific high school subjects are required for admission to specific program(s).

### Mature Student Route

Mature applicants are those aged 21 years or older by the last day of the term in which they apply (e.g. December 31st for a September start). In some programs, mature student admission requirements may differ from general admission requirements.

### Transfer Student Route

Transfer students have post-secondary coursework or credentials through recognized university, college or technical institutions. If students have previous coursework, they should consult the program(s) of interest to determine if transfer status is considered for admission.

*Note: If an applicant is missing the required subjects, they may qualify for other programs at Medicine Hat College. Please contact Academic Advising at 403.529.3819 and/or Admissions at 403.529.3827*

For information on gaining credit towards program requirements, consult the section on Recognition of Prior Learning/Education in the calendar.

## Alternative Admission Pathways

### General Studies

General Studies allows students who may be undecided or not working towards a credential to complete coursework at Medicine Hat College. Students must present a grade 12 level English Language Arts course (e.g. ELA 30-1, ELA 30-2 or equivalent) and meet the English Language Proficiency (ELP) requirements to be eligible for this pathway.

Occupational or Workplace English-levels are not accepted for this route.

### Senior Citizen

Applicants in this category are 65 years and older and have the appropriate English Language Proficiency (ELP). Senior students may enroll in one 3 or 4 credit course per semester listed in the academic calendar that is not part of a quota program and have the tuition cost waived. Courses of more than 4 credits may be eligible

with permission, but any additional charges must be covered by the student. When space is limited in a credit course, students working towards a credential will be given preference.

Any credit course that has insufficient enrolment of credit students will be cancelled. Senior students will not be charged an application fee, however additional costs (books, supplies) other than tuition are the student's responsibility.

## Special Student

Special status allows students to obtain a single 3 or 4 credit course per semester at Medicine Hat College without any additional requirements. Students seeking admission to Medicine Hat College via Special Student must submit an application and pay the application fee for each term they would like to attend.

Students should be aware that not having the required pre-requisites or suitable English language skills may result in poor performance although presenting documentation is not required for this pathway. The courses available to special students are limited and may require the permission of the Dean. Special Student status is not available for Upgrading, English Language training and most quota program courses.

## Visiting Student/Exchange Student

Applicants are formally admitted to the College, but as a student of another accredited institution. Students are permitted to take courses for credit and grades will be recorded on a Medicine Hat College transcript. Students may be restricted in the courses that they are eligible to take due to limited enrolments or pre-requisite requirements. Students must also:

- provide written authorization from a responsible officer of their institution upon registration (letter of permission, letter of exchange)
- formally request an official or unofficial transcript from their home institution
- be subject to all rules, regulations and fees applicable to students of Medicine Hat College
- be in good academic standing at the home institution
- meet English Language Proficiency (ELP) requirements

## International Visiting Student Bridge Plan

Open to international visiting students from MHC's global partner schools, this option allows students who do not meet the open studies ELP requirement of 6.0 to enroll in open studies and complete a reduced course load of approved academic courses. This option is available to students who have demonstrated language proficiency equivalent to IELTS 5.5 or higher and who are nominated for the plan by their home institutions. Students will normally be limited to three courses of which two will be foundational courses selected from ENGL 123, COMM 140 or MAST 100, or their nearest equivalents. Students admitted under this plan may also be required to complete additional English language training, as available. All course selections must be approved by the academic advisor for international students.

## Offers of Admission or Acceptance

### Conditional Acceptance

Students are required to meet the conditions of their offer of admission; if they do not, their registration and admission status will be withdrawn.

## Registration Deposit

Students accepted to a new program or returning to the college after an absence of at least one year are required to pay a registration deposit or tuition installment as per the details of their admission letter. Medicine Hat College reserves the right to request that students confirm their seat in high demand or competitive programs within four weeks of receiving an acceptance letter.

## Pre-Professional/Pre-Practicum Requirements

In addition to academic requirements, students may be asked to meet additional admission requirements or provide additional documentation to determine their suitability for a professional program.

This may be required prior to admission or at registration. Students should carefully read the pre-professional/prepracticum requirements of each program in this Calendar. Examples of requirements may be (but is not limited to) a criminal record check, a statement of interest, health documentation (e.g. immunizations), etc.

It is the student's responsibility to ensure they are able and willing to meet the health and fitness requirements of the program to which they are admitted. In many cases, these requirements are necessary to complete the program. Students who require additional accessibility support to meet the pre-professional requirements of the program should connect with accessibility services.

## Change of Program

Students intending to change their program should connect directly with an Academic Advisor to determine the consequences or benefits of a change, and to determine if they should complete a new application or consider a program major change.

## Re-Admission to Medicine Hat College

Students who have previously withdrawn from a program, either voluntarily or upon request of the Registrar's Office, must submit a new application for admission. Re-admission is subject to all College regulations in place at the time of readmission.

## Admissions Refusal

Medicine Hat College reserves the right to reject any application for admission using reasonable grounds that may support the student, their health/well-being, their success, or the health and success of other students/persons in the MHC community, even if other entrance requirements have been met. Refusals may be challenged by connecting directly with the Registrar's Office.

# ADMISSIONS - UNIVERSITY TRANSFER

## University Transfer Admission Requirements

If you are accepted to a University Transfer program, please be aware that admission requirements differ from one university to another. You are responsible for making sure that you meet the high school admission requirements for the transfer university by checking the specific university calendar and contacting the Academic Advisors at the transfer university.

For an explanation of Admission Routes see page 16 of the Admissions Section.

View the Provincial High School Equivalencies on our website at [www.mhc.ab.ca/programs-and-admissions/admissions](http://www.mhc.ab.ca/programs-and-admissions/admissions).

Note: Unless otherwise states, a minimum grade of 50% is required for all subjects.

Program	High School Route <i>(Alberta High School Courses or equivalents with a minimum 60% average in the required courses)</i>	Mature Student Route (21 years of age) <i>The following are minimum admission requirements. Please see an advisor for additional course-specific pre-requisites.</i>
<b>Arts (including Social Work)</b>	<ul style="list-style-type: none"> <li>• ELA 30-1</li> <li>• Math 30-1 or Math 30-2 or a 30-level second language</li> <li>• Two 30-level academic subjects</li> <li>• One 30-level, 5-credit subject (excluding Special Projects)</li> </ul>	<ul style="list-style-type: none"> <li>• ELA 30-1</li> <li>• One 30-level academic subject</li> </ul> <p><i>NOTE: Some majors at some universities require Math 30-1 or equivalent (i.e. U of C Social Science)</i></p>
<b>Commerce/ Management</b>	<ul style="list-style-type: none"> <li>• ELA 30-1</li> <li>• Math 30-1</li> <li>• Two 30-level academic subjects</li> <li>• One 30-level, 5-credit subject (excluding Special Projects)</li> </ul>	<ul style="list-style-type: none"> <li>• ELA 30-1</li> <li>• Math 30-1</li> </ul>
<b>Education</b>	<ul style="list-style-type: none"> <li>• ELA 30-1 (min. 60%)</li> <li>• Three 30-level academic subjects</li> <li>• One 30-level 5-credit, or two 3-credit subjects (Special Projects 30 excluded)</li> </ul> <p><i>NOTE: Although not required for admission, it is strongly suggested that students entering Education possess MATH 30-1 or MATH 30-2.</i></p>	<ul style="list-style-type: none"> <li>• ELA 30-1 (min. 60%)</li> <li>• Pre-requisite courses required, e.g. Chem 30 required for university level Chemistry</li> </ul> <p><i>NOTE: Although not required for admission, it is strongly suggested that students entering Education possess MATH 30-1 or MATH 30-2.</i></p>
<b>Kinesiology</b>	<ul style="list-style-type: none"> <li>• ELA 30-1</li> <li>• Biology 30</li> <li>• Chemistry 30</li> <li>• Math 30-1</li> <li>• One 30-level, 5-credit subject (excluding Special Projects). Physics 30 recommended</li> </ul> <p><i>NOTE: Students should be aware that some universities require Physics 30</i></p>	<ul style="list-style-type: none"> <li>• ELA 30-1</li> <li>• Biology 30</li> <li>• Chemistry 30</li> <li>• Math 30-1</li> </ul> <p><i>NOTE: Students should be aware that some universities require Physics 30</i></p>

# ADMISSIONS - UNIVERSITY TRANSFER

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## Program

## High School Route

*(Alberta High School Courses or equivalents with a minimum 60% average in the required courses)*

## Mature Student Route (21 years of age)

*The following are minimum admission requirements. Please see an advisor for additional course-specific pre-requisites.*

### Science (including Pre-Professional streams)

- ELA 30-1
- Math 30-1
- Any two of Biology 30, Chemistry 30 or Physics 30

*NOTE: Students should be aware that different majors will require different combinations of Science courses*

- ELA 30-1
- Math 30-1
- Any two of Biology 30, Chemistry 30 or Physics 30

# ADMISSIONS - CERTIFICATE/DIPLOMA

## Certificate/Diploma Admission Requirements

For an explanation of Admission Routes see page 16 of the Admissions Section.

View the Provincial High School Equivalencies on our website at [www.mhc.ab.ca/programs-and-admissions/admissions](http://www.mhc.ab.ca/programs-and-admissions/admissions).

Note: Unless otherwise states, a minimum grade of 50% is required for all subjects.

Program	High School Route <i>(Alberta High School Courses or equivalents)</i>	Mature Student Route <b>(21 years of age)</b>	Transfer Route <i>(Post-Secondary Credentials)</i>
<b>Administrative Office Management</b>	<ul style="list-style-type: none"> <li>• ELA 30-1 or ELA 30-2</li> <li>• Math 10C</li> </ul>	<ul style="list-style-type: none"> <li>• ELA 30-1 or ELA 30-2</li> <li>• Math 10C</li> </ul>	Completion of a one-year Administrative Office Professional Certificate
<b>Administrative Office Professional</b>	<ul style="list-style-type: none"> <li>• ELA 30-1 or ELA 30-2</li> <li>• Math 10C</li> </ul>	<ul style="list-style-type: none"> <li>• ELA 30-1 or ELA 30-2</li> <li>• Math 10C</li> </ul>	
<b>Advanced Accounting</b>			Graduate from a Business Administration Diploma in Accounting or equivalent at an accredited post-secondary institution with completion of the following courses (or their equivalents) with a grade of C(60%) or higher: ACCT 213, 215 MGMT 284 & 285 FINA 255
<b>Aviation Management</b>	High school diploma with: <ul style="list-style-type: none"> <li>• ELA 30-1 or ELA 30-2</li> <li>• Math 30-1 or Math 30-2</li> <li>• Science 30 or Physics 20</li> <li>• Enrolment in the Super T Aviation Integrated Airline License Program</li> </ul>	<ul style="list-style-type: none"> <li>• ELA 30-1 or ELA 30-2</li> <li>• Math 30-1 or Math 30-2</li> <li>• Science 30 or Physics 20</li> <li>• Enrolment in the Super T Aviation Integrated Airline License Program</li> </ul>	
<b>Built Environment Engineering Technology (BEET)/Computer Aided Drafting and Design</b>	High school diploma with: <ul style="list-style-type: none"> <li>• ELA 30-1 or ELA 30-2</li> <li>• Math 30-1 or Math 30-2</li> <li>• Physics 20</li> </ul>	<ul style="list-style-type: none"> <li>• ELA 30-1 or ELA 30-2</li> <li>• Math 30-1 or Math 30-2</li> <li>• Physics 20</li> </ul>	
<b>Business Administration</b>	<ul style="list-style-type: none"> <li>• ELA 30-1 or ELA 30-2</li> <li>• Math 30-1 or Math 30-2</li> <li>• Two 30 level 5-credit subjects with 50% or better</li> </ul>	<ul style="list-style-type: none"> <li>• ELA 30-1 or ELA 30-2</li> <li>• Math 30-1 or Math 30-2</li> </ul>	

# ADMISSIONS - CERTIFICATE/DIPLOMA

Program	High School Route <i>(Alberta High School Courses or equivalents)</i>	Mature Student Route <b>(21 years of age)</b>	Transfer Route <i>(Post-Secondary Credentials)</i>
<b>Child and Youth Care Counsellor</b>	<ul style="list-style-type: none"> <li>• ELA 30-1 (min. 60%) or ELA 30-2 (min. 70%)</li> <li>• One 30-level academic subject (min. 60%)</li> <li>• Three 30-level, 5-credit subjects (min. 60%, maximum of 5-credits of CTS courses)</li> </ul>	<ul style="list-style-type: none"> <li>• ELA 30-1 (min. 60%) or ELA 30-2 (min. 70%)</li> <li>• One 30-level academic subject</li> </ul>	<ul style="list-style-type: none"> <li>• ELA 30-1 or ELA 30-2</li> <li>• Eight courses from an accredited post secondary institution with a minimum of a "C" grade.</li> </ul>
<b>Criminal Justice</b>	<ul style="list-style-type: none"> <li>• ELA 30-1 (min. 60%) or ELA 30-2 (min. 65%)</li> </ul>	<ul style="list-style-type: none"> <li>• ELA 30-1 (min. 60%) or ELA 30-2 (min. 65%)</li> </ul>	
<b>Data Analytics</b>	<ul style="list-style-type: none"> <li>• Two 30-level 5-credit subjects with 50% or higher</li> <li>• Current employment with a letter of support from employer</li> </ul>	<ul style="list-style-type: none"> <li>• Two 30-level 5-credit subjects with 50% or higher</li> <li>• Current employment with a letter of support from employer</li> </ul>	
<b>Early Learning and Child Care</b>	High school diploma with: <ul style="list-style-type: none"> <li>• ELA 30-1 (min. 50%) or ELA 30-2 (min. 65%)</li> </ul>	<ul style="list-style-type: none"> <li>• ELA 30-1 (50%) or ELA 30-2 (65%)</li> </ul>	<ul style="list-style-type: none"> <li>• Successful completion of an Early Learning and Child Care certificate from an accredited Alberta college with a GPA of not less than 2.3, and with no final course grade of less than C</li> </ul>
<b>Environmental Biology and Reclamation Technology</b>	High school diploma with: <ul style="list-style-type: none"> <li>• ELA 30-1 (min. 50%) or ELA 30-2 (min. 60%)</li> <li>• Math 30-1 (min. 55%), or Math 30-2 (min. 55%)</li> <li>• Chemistry 30 (min. 55%) or Science 30 (min. 55%)</li> <li>• Biology 20 (min. 55%)</li> </ul>	<ul style="list-style-type: none"> <li>• ELA 30-1 (min. 50%) or ELA 30-2 (min. 60%)</li> <li>• Math 30-1 (min. 55%), or Math 30-2 (min. 55%)</li> <li>• Chemistry 30 (min. 55%) or Science 30 (min. 55%)</li> <li>• Biology 20 (min. 55%)</li> </ul>	
<b>General Studies</b>	<ul style="list-style-type: none"> <li>• ELA 30-1 or ELA 30-2</li> </ul>	<ul style="list-style-type: none"> <li>• ELA 30-1 or ELA 30-2</li> </ul>	
<b>Health Care Aide</b>	<ul style="list-style-type: none"> <li>• ELA 20-1 (min. 60%) or ELA 20-2 (min. 60%) or ELA 30-1 (min. 55%) or 30-2 (min. 55%) or</li> <li>• GED or</li> <li>• ACCUPLACER test (see page 94)</li> </ul>		
<b>Humanities &amp; Social Sciences</b>	<ul style="list-style-type: none"> <li>• ELA 30-1</li> <li>• Math 30-1 or Math 30-2 or a 30-level second language</li> <li>• Two 30-level academic subjects</li> <li>• One 30-level, 5-credit subject (excluding special projects)</li> </ul>	<ul style="list-style-type: none"> <li>• ELA 30-1</li> <li>• One 30-level academic subject</li> </ul>	<ul style="list-style-type: none"> <li>• ELA 30-1 (min. 50%) or ELA 30-2 (min. 60%)</li> <li>• Math 30-1 (min. 50%) or Math 30-2 (min. 65%), or Math 20-1 (min. 65%)</li> </ul>

# ADMISSIONS - CERTIFICATE/DIPLOMA

Program	High School Route <i>(Alberta High School Courses or equivalents)</i>	Mature Student Route <b>(21 years of age)</b>	Transfer Route <i>(Post-Secondary Credentials)</i>
<b>Information Technology</b>	<ul style="list-style-type: none"> <li>• ELA 30-1 (min. 50%) or ELA 30-2 (min. 60%)</li> <li>• Math 30-1 (min. 50%) or Math 30-2 (min. 65%), or Math 20-1 (min. 65%)</li> </ul>		
<b>Intermediate Accounting</b>			Graduation from a Business Administration degree, diploma or equivalent at an accredited post-secondary institution with completion of the following courses (or their equivalent): <ul style="list-style-type: none"> <li>• ACCT 113 or ACCT 321</li> </ul>
<b>Kinesiology</b>	Overall average of at least 60% and a minimum mark of 50% in: <ul style="list-style-type: none"> <li>• ELA 30-1</li> <li>• Biology 30</li> <li>• Math 30-1 or Math 30-2</li> <li>• One 30-level academic subject</li> <li>• One 30 level Grade 12 5-credit subject (excluding special projects)</li> </ul>	<ul style="list-style-type: none"> <li>• ELA 30-1</li> <li>• Biology 30</li> <li>• Math 30-1 or Math 30-2</li> </ul>	
<b>Marketing and Design Post-Diploma</b>			<ul style="list-style-type: none"> <li>• Graduate from a diploma at an accredited Post-Secondary Institution</li> </ul>
<b>Occupational Therapist Assistant/Physical Therapist Assistant</b>	High school diploma with: <ul style="list-style-type: none"> <li>• ELA 30-1 (min. 60%)</li> <li>• Biology 30 (min. 60%)</li> <li>• Two 30-level subjects (min. 60%), one of which must be a 30-level science or Math 30-1 or Math 30-2</li> </ul>	<ul style="list-style-type: none"> <li>• ELA 30-1 (min. 60%)</li> <li>• Biology 30 (min. 60%)</li> </ul>	<ul style="list-style-type: none"> <li>• ELA 30-1 or a post-secondary level equivalent (min. 60%, or C)</li> <li>• Biology 30, a post-secondary level equivalent or a university level lab science course postsecondary level equivalent or a university level lab science course (min. 60%, or C)</li> </ul>
<b>Power Engineering</b>	<ul style="list-style-type: none"> <li>• ELA 20-1 or ELA 20-2 (min 60%)</li> <li>• Math 30-1 or Math 30-2 (min 60%)</li> <li>• Physics 20 (min 60%)</li> </ul>	<ul style="list-style-type: none"> <li>• ELA 20-1 or ELA 20-2 (min 60%)</li> <li>• Math 30-1 or Math 30-2 (min 60%)</li> <li>• Physics 20 (min 60%)</li> </ul>	

# ADMISSIONS - CERTIFICATE/DIPLOMA

Program	High School Route <i>(Alberta High School Courses or equivalents)</i>	Mature Student Route <b>(21 years of age)</b>	Transfer Route <i>(Post-Secondary Credentials)</i>
<b>Practical Nurse</b>	<ul style="list-style-type: none"> <li>• ELA 30-1 (min. 60%) or ELA 30-2 (min. 70%)</li> <li>• Math 20-1 (min. 60%), or Math 20-2 (min. 70%)</li> <li>• Biology 30 (min. 60%) or Bow Valley College ANAT 1101 (min. 60%)</li> </ul>	<ul style="list-style-type: none"> <li>• ELA 30-1 (min. 60%) or ELA 30-2 (min. 70%)</li> <li>• Math 20-1 (min. 60%), or Math 20-2 (min. 70%)</li> <li>• Biology 30 (min. 60%) or Bow Valley College ANAT 1101 (min. 60%)</li> </ul>	
<b>Service Dog and Canine Studies Management</b>	<ul style="list-style-type: none"> <li>• ELA 30-1 or 30-2</li> <li>• Science 30 or Biology 20</li> <li>• One 30-level, 5-credit subject</li> </ul>	<ul style="list-style-type: none"> <li>• ELA 30-1 or 30-2</li> <li>• Any 30 level Science is recommended</li> </ul>	
<b>Social Work</b>	<p>A minimum of 60% in each of the following:</p> <ul style="list-style-type: none"> <li>• ELA 30-1</li> <li>• Two 30-level academic subjects</li> <li>• One 30-level, 5-credit subject</li> </ul>	<p>A minimum of 60% in each of the following:</p> <ul style="list-style-type: none"> <li>• ELA 30-1 or transferable Equivalent (min. 60%)</li> <li>• Two 30-level academic subjects or postsecondary transfer courses (min. 60%)</li> </ul>	
<b>Speech Language Pathologist Assistant</b>	<p>High school diploma with:</p> <ul style="list-style-type: none"> <li>• ELA 30-1 (min. 60%)</li> <li>• Biology 30 (min. 60%)</li> <li>• Two 30-level subjects, one of which must be a 30-level science, Math 30-1 or Math 30-2 (min. 60%)</li> </ul>	<ul style="list-style-type: none"> <li>• ELA 30-1 (min. 60%)</li> <li>• Biology 30 (min. 60%)</li> </ul>	<ul style="list-style-type: none"> <li>• ELA 30-1 or a post-secondary level equivalent (min. 60%, or C)</li> <li>• Biology 30, a post-secondary level equivalent or a university level lab science course postsecondary level equivalent or a university level lab science course (min. 60%, or C)</li> </ul>
<b>Sport and Event Marketing and Management</b>	<ul style="list-style-type: none"> <li>• ELA 30-1 or ELA 30-2</li> <li>• Two 30-level, 5-credit subjects</li> </ul>	<ul style="list-style-type: none"> <li>• ELA 30-1 or 30-2</li> </ul>	
<b>Sustainable Energy Systems Professional</b>	<ul style="list-style-type: none"> <li>• ELA 30-1 or 30-2</li> </ul>	<ul style="list-style-type: none"> <li>• ELA 30-1, or ELA 30-2, or 10+ years of industry experience, or Journeyman or Red Seal Certification</li> </ul>	
<b>Sustainable Innovation</b>	<ul style="list-style-type: none"> <li>• ELA 30-1 or ELA 30-2</li> <li>• Two 30-level, 5-credit subjects</li> </ul>	<ul style="list-style-type: none"> <li>• ELA 30-1 or 30-2</li> </ul>	



# ADMISSIONS - APPLIED DEGREE/DEGREE

## Applied Degree and Degree Program Admission Requirements

For an explanation of Admission Routes see page 16 of the Admissions Section.

View the Provincial High School Equivalencies on our website at [www.mhc.ab.ca/programs-and-admissions/admissions](http://www.mhc.ab.ca/programs-and-admissions/admissions).

Note: Unless otherwise states, a minimum grade of 50% is required for all subjects.

Program	High School Route <i>(Alberta High School Courses or equivalents)</i>	Mature Student Route <b>(21 years of age)</b>	Transfer Route <i>(Post-Secondary Credentials)</i>
<b>Bachelor of Applied Arts</b> • Art and Design	<ul style="list-style-type: none"> <li>• ELA 30-1 or ELA 30-2</li> </ul>	<ul style="list-style-type: none"> <li>• ELA 30-1 (min. 50%) or ELA 30-2 (min. 50%), or Post-Secondary (diploma or University transfer) English (min. 60%)</li> </ul>	
<b>Bachelor of Applied Health Science</b> • Paramedic	Overall average of at least 60% and a minimum mark of 50% in: <ul style="list-style-type: none"> <li>• ELA 30-1</li> <li>• Biology 30</li> <li>• Math 30-1 or Math 30-2</li> <li>• One 30-level subject (CHEM 30 is recommended)</li> </ul>	Overall average of at least 60% and a minimum mark of 50% in: <ul style="list-style-type: none"> <li>• ELA 30-1</li> <li>• Biology 30</li> <li>• Math 30-1 or Math 30-2</li> </ul>	<i>Previous post-secondary coursework may be considered for admission. Successful completion of a PCP/EMT or EMR program may qualify you for consideration under this admission route.</i>
<b>Bachelor of Science</b> • Nursing	Overall average of 65% and no grade lower than 50% in: <ul style="list-style-type: none"> <li>• ELA 30-1</li> <li>• Biology 30</li> <li>• Chemistry 30 or Science 30</li> <li>• Math 30-1 or Math 30-2</li> <li>• 30-level 5 credit subject</li> </ul>	Overall average of 65% and no grade lower than 50% in: <ul style="list-style-type: none"> <li>• ELA 30-1</li> <li>• Biology 30</li> <li>• Chemistry 30 or Science 30</li> <li>• Math 30-1 or Math 30-2</li> </ul>	<i>If you have previous post-secondary education you should meet with the MHC Nursing Advisor for information on how your coursework will be considered in the admissions process.</i>

# ADMISSIONS - DEGREE

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## Degree Completion Program Admission Requirements

For an explanation of Admission Routes see page 16 of the Admissions Section.

View the Provincial High School Equivalencies on our website at [www.mhc.ab.ca/programs-and-admissions/admissions](http://www.mhc.ab.ca/programs-and-admissions/admissions).

Note: Unless otherwise states, a minimum grade of 50% is required for all subjects.

<b>Program</b>	<b>Transfer Route</b>
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*(Post-Secondary Credentials)*

<b>Bachelor of Education Mt. Royal University</b>	To be eligible for admissions a student must have successfully completed 60 credits of approved university course work and meet competitive GPA.
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# REGISTRATION AND RECORDS



# REGISTRATION

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It is important to understand the semesters and time lines associated with your registration. MHC Registration Services is here to support students on their academic journey, with services such as course registration, payments, schedules, and much more.

## Registration Status

A registered student is one who has been entered into courses, has been assessed fees, and has paid fees by the published deadline dates.

### New Students

A new student is one who has never attended Medicine Hat College. New students will need to pay a registration deposit to secure their classes and to enable them to register. If they are accepted into a quota program (for example, Nursing), they need to pay the deposit within four weeks of receiving their acceptance letter. The registration deposit, which is non-refundable, is credited towards their tuition.

### Returning Students

A returning student is one who is returning to Medicine Hat College after an absence of one semester or more. As with new students, they will need to pay a registration deposit to secure your classes and to enable you to register. If they are accepted into a quota program (for example, Nursing), they need to pay the deposit within four weeks of receiving your acceptance letter. The registration deposit, which is non-refundable, is credited towards their tuition.

### Continuing Students

A continuing student is one who has had continuous registration in the same program from one semester to another. Continuing students do not need to pay a registration deposit before they can register for courses.

### Full-Time Student

A full-time student is registered in a minimum of nine credits per study period. A study period is defined by the standard Medicine Hat College semesters of Fall (September to December), Winter (January to April). Only three credits are required per month for Spring (May and June) and Summer (July and August) to be considered full-time. Credit loads are assigned to the semester in which they start.

### Part-Time Student

A part-time student is registered in fewer than nine credits in Winter or Fall semesters.

### Audit

Auditing college courses is when a student regularly attends a class without receiving a grade or credit for it. Students may register for audit up until the last day to add or drop courses for each semester. An AU is recorded on their transcript for each course that they audit. If they do not attend regularly as an audit student, they may be switched to a "W" status in the class.

Please note that an audit student is permitted to register and to attend classes on the understanding that participation in the class is at the discretion of the faculty. Not all classes are open to audit. They may not normally, for example, audit practicum or lab courses or programs where these occur, such as Drama, Dance, Criminal Justice, Early Learning and Child Care, Power Engineering, Nursing, Therapist Assistant, Art & Design, Physical Activity Classes, Science labs, and Education courses. Where space and/or equipment is limited in a class, a credit student will have preference over an audit student. A credit course will not be offered if there are insufficient numbers of credit students. Audit students pay half of the cost of taking the course for credit.

## Selecting Your Courses

Students are responsible for the accuracy and completeness of their own registration. It is best students register early to ensure they have the courses they need and want. Students should be aware course availability can be affected by factors such as student enrollment, lab space, studio space, lecture sizes, and classroom sizes. They need to be aware of prerequisite courses and grades required for prerequisites. They are responsible for all fees for courses in which they are registered. Registration is incomplete until all fees have been paid in full. All registrations are subject to cancellation unless fees have been paid by the final deadlines for each semester.

For academic advice to select your courses, please contact an Academic Advisor. Main Campus - contact 403.529.3819 or [info@mhc.ab.ca](mailto:info@mhc.ab.ca). Brooks Campus - contact 403.362.1682 or [brooksinfo@mhc.ab.ca](mailto:brooksinfo@mhc.ab.ca). You can also book an appointment on-line at [www.mhc.ab.ca](http://www.mhc.ab.ca).

## Registering For Your Courses

Registration for the upcoming academic year begins in late April/early May.

### How to Register

Instructions on how to register in courses will be sent to the students [mymhc.ca](mailto:mymhc.ca) email account. Registrations are not accepted after the last day to add classes.

Please see the Student Guide on-line at [www.mhc.ab.ca](http://www.mhc.ab.ca) for more information on how to register and the associated deadlines. Students can also contact Registration at 403.529.3844 or [registration@mhc.ab.ca](mailto:registration@mhc.ab.ca).

# REGISTRATION

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## Course Loads

The usual course load for a full-time student during Fall and Winter is five courses per semester. Although some programs require you to take more than five courses per semester, normally you are not advised to take six or more courses in a semester unless your high school average in five Grade 12 matriculation subjects is 80% or higher, your grade point average at Medicine Hat College is 3.0 or higher, or you have been given consent by the appropriate Dean or Program Coordinator. It needs to be stressed, however, that heavy course loads are a common cause of poor academic performance.

In Spring and Summer sessions, you may register in a maximum of two courses per session, keeping in mind that two courses per session is extremely demanding.

## Changes in Registration

If you are considering changes in registration (adding, dropping or withdrawing from a course), ask specific questions about whether the changes will affect your progress in your program or affect transferability to other institutions (especially if you are in a university transfer program). You should also note that, if dropping or withdrawing from courses results in a semester load of less than 60% of a course load, your eligibility for student financial aid may be affected. **Please note: No refunds are given for course withdrawals of any kind.**

### Adding a Course

Students can add courses to their schedule online through the student dashboard or by submitting a Registration form to Registration Services on or before the add deadline, as indicated in the academic schedule. The form can be found on the college website - [www.mhc.ab.ca](http://www.mhc.ab.ca).

### Dropping a Course

Students can drop a course online through the student dashboard or by submitting a Registration form to Registration Services on or before the drop deadline, as indicated in the Academic Schedule. If you drop a course(s) before the deadline, you will receive a refund, less any registration deposit, and the course will not appear on your transcript.

Please note: Non-attendance of courses is not accepted as notice of dropping or withdrawing from a that course. Failure to complete the appropriate process will affect your transcript and academic status.

### Withdrawing from a Course

Students may withdraw from courses on or before the withdrawal deadline, as indicated in the Academic Schedule. The course will be issued a "W" grade and appear on your transcript. However, the "W" grade is not calculated in your grade point average. To initiate a withdrawal from a course, students will need to complete a Registration form indicating the course to be withdrawn and submit it to Registration Services. This form can be found on the college website - [www.mhc.ab.ca](http://www.mhc.ab.ca).

### Withdrawal from the College

Students may withdraw from the College by completing a withdrawal form and submitting it to Registration Services on or before the withdrawal deadline, as indicated in the Academic Schedule. This form can be found on the college website - [www.mhc.ab.ca](http://www.mhc.ab.ca).

Please note: If you initiate the withdrawal process after the drop deadline for the semester, a "W" will be recorded on your transcript for all courses in which you were registered.

### Late Withdrawal for Medical or Compassionate Reasons

If you completely withdraw after the withdrawal date for medically documented or compassionate reasons or for severe domestic affliction, you will be assigned a "W" on your transcript. Requests for late or compassionate withdrawal must be initiated by the student and accompanied by appropriate documentation. If requesting a late withdrawal for medical reasons, the documentation needs to include date and time of illness, general nature of the illness, and how this has affected studies.

### Required Withdrawal

A student may be required to withdraw from a course or the College due to unsatisfactory academic standing (as outlined under Probation and Dismissal in the Academic Regulations and Policies section of the calendar), if you commit repeated instances of academic dishonesty or if you engage in seriously disruptive or disturbing behavior inside or outside the classroom.

## Records

Every student at Medicine Hat College has a student record that is maintained by the Records area within Registration Services. This record contains documentation from your initial application to graduation. Records staff process information on student academic records, such as final grades, academic standing, honour roll status, applying to graduate and name/address changes. Records also handles the creation of parchments, grade statements and official transcripts.

### Student Records Management

In general, your file, records, and test results are maintained for internal use. As per the Freedom of Information and Protection of Privacy Act, all records are confidential and can only be accessed by individuals and organizations external to the College under special circumstances.

With the exception of specific public information (that is, name, confirmation of attendance at the College, confirmation of graduation), information is not released to third parties. Personal information may be released with your written permission or in the case of emergency. Relevant information may be released to appropriate government agencies upon request.

You can find more information on the Medicine Hat College FOIP policy on the MHC website [www.mhc.ab.ca](http://www.mhc.ab.ca). Additional Records policy information can be found in the calendar section titled Academic Regulations and Policies as well as the MHC website [www.mhc.ab.ca](http://www.mhc.ab.ca).

### International Student Records Requirements

International students must maintain valid immigration documents to live and study in Canada. Copies of registration, change of registration, or withdrawal forms of international students may be forwarded to the relevant Canadian immigration office.

It is the student's responsibility to ensure that immigration and legal documents are current and maintained and that any documentation submitted for immigration purposes meets requirements as indicated and is accurate and complete. It is also the student's responsibility to understand and be compliant with all immigration requirements, recognizing that this information is subject to change and that the most accurate, up-to-date information is found on the Immigration, Refugee and Citizenship Canada (IRCC) website: [www.cic.gc.ca](http://www.cic.gc.ca).

### Transcripts

An official Medicine Hat College transcript lists the courses, grades and credentials that you have earned for any credit programming at MHC. Medicine Hat College uses the MyCreds™ platform for secure issuing, exchange, and verification of official digital documents including transcripts.

To request your official transcript(s), complete the Transcript Request Form available on the Medicine Hat College website ([www.mhc.ab.ca](http://www.mhc.ab.ca)). Submit the completed and signed form by email to [transcripts@mhc.ab.ca](mailto:transcripts@mhc.ab.ca) or through the Student Dashboard.

Current students can also receive an unofficial transcript by logging onto the student portal and clicking on the unofficial transcript section.

For more information on transcripts and associated fees, please see the Medicine Hat College website ([www.mhc.ab.ca](http://www.mhc.ab.ca)).

## Records Withheld

Certificate, diploma, and degree parchments are withheld pending resolution of any holds on student accounts with Medicine Hat College. In addition, official transcripts will not be released until holds are cleared.

# TRANSFER CREDIT AND PRIOR LEARNING ASSESSMENT AND RECOGNITION (PLAR)



# TRANSFER CREDIT AND PRIOR LEARNING ASSESSMENT AND RECOGNITION (PLAR)

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Recognition for previous learning is awarded through transfer credit and prior learning assessment and recognition (PLAR). Transfer credit recognizes learning obtained through formal coursework and enables transfer of course credit into your current program at Medicine Hat College. PLAR recognizes learning acquired through informal and non-formal learning experiences, such as non-credit coursework, workshops, and work or other experiential learning. In order to be considered for transfer credit or PLAR, a student must be admitted to the college.

## Obtaining Transfer Credit

Transfer credit may be granted for courses completed at accredited universities, colleges, and technical institutes. Credit may also be assessed for advanced placement or international baccalaureate courses. Course work that is more than ten years old will not normally be considered for transfer credit. A minimum grade of C- or higher in the courses for which transfer credit is sought is required; some courses may require a higher grade (refer to the course descriptions section of the calendar for further information).

Transfer credit is automatically assessed when a student is admitted to the college and upon receipt of official transcripts from prior post-secondary institutions. Alternatively, if a student feels that transfer credit has not been assessed, this process can be initiated by the student, who can obtain a Transfer Credit Evaluation Form from the Medicine Hat College website and submit the request to the Registrar's Office. Official transcripts must either be on file or accompany the request.

Assessment of transfer credit is completed on an individual basis and will depend on the accreditation of the sending institution and whether the course for which transfer is sought fits within the student's program requirements. For courses completed in Alberta, Transfer Alberta is the basis for assessment. For courses not housed within the Transfer Alberta Search Tool, students may be required to provide detailed course outlines for evaluation. Course outlines must be from the year and term in which they were completed. Any transfer credits awarded are recorded on the student's Medicine Hat College transcript.

## Transfer Credit Exceptions

Some programs at MHC have specific transfer credit rules that differ from the College standard. In addition to meeting course grade requirements students should, also be aware of the following:

- **Health Care Aide:** International courses cannot be considered for transfer credit due to Alberta Health Services rules.
- **Nursing (BScN):** The Medicine Hat College 10-year stale dating rule does not apply to the University of Calgary Bachelor of Science in Nursing collaborative degree program. The program follows University of Calgary rules. There is no stale dating policy for first year Bachelor of Science in Nursing courses. Transfer credit will not be granted for second, third, and fourth year courses within the program.
- **Practical Nurse:** Courses that are more than 5 years old will not be considered for transfer credit.

## Transfer Alberta

Students who are transferring to Medicine Hat College and students who wish to transfer to another institution should refer to the Transfer Alberta Search Tool housed on the Transfer Alberta website. Transfer Alberta lists course and program transfer agreements in effect between post-secondary institution members. The Transfer Alberta Search Tool, and other transfer information, is available online at [www.transferalberta.ca](http://www.transferalberta.ca).

## Obtaining a Letter of Permission

If a student intends to complete a course through another post-secondary institution while enrolled at Medicine Hat College that they want to use for credit towards their program, the student will need to obtain approval from their Program Coordinator or School Dean and the Registrar. A Letter of Permission form is available from Student Services and on the website. After the student has completed the course, it is their responsibility to ensure their transcripts are sent to Medicine Hat College and they initiate the process for obtaining transfer credit by sending an email to [transfer@mhc.ab.ca](mailto:transfer@mhc.ab.ca).

## Obtaining Prior Learning Assessment and Recognition (PLAR)

Prior learning can be gained through experiences other than formal post-secondary courses such as through work, self-directed study, community work, non-credit courses, on-the-job training, corporate training programs, or other life experiences. Prior Learning Assessment and Recognition (PLAR) is a process used to assess whether that learning is equivalent to the knowledge, skills, and competencies defined in the learning outcomes of courses at Medicine Hat College. Prior learning assessments may take the form of, but are not limited to, any of the following, as required:

- **Evidence Files:** written summary of learning gained from informal and/or non-formal learning experiences.
- **Challenge exams:** Tests that may be used to assess theoretical or applied knowledge relevant to the Medicine Hat College curricula being reviewed for credit.
- **Performance Tests/Practical Demonstrations:** A demonstration of skills within a prescribed environment. For example, assessment done in a laboratory or practicum setting for the expressed purpose of assessing an individual's ability to meet learning outcome skills of a Medicine Hat College course or program.
- **Structured Oral Test or Interview:** Candidates respond to predetermined questions in order to directly assess specific knowledge or skills.
- **Essay or Project:** A written assignment completed according to criteria determined by the PLAR assessor. The assessment may require substantial time, energy, and effort on both the part of the student and the PLAR Assessor.
- **Portfolio:** A collection of documents and/or writing samples assembled to demonstrate that a learner has the appropriate theoretical and experiential learning to earn post-secondary credit.



# PRIOR LEARNING ASSESSMENT AND RECOGNITION (PLAR)

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## The Prior Learning Assessment and Recognition (PLAR) Process

If a student is interested in pursuing PLAR, the first step in the process is to contact Transfer Services at [transfer@mhc.ab.ca](mailto:transfer@mhc.ab.ca). Together the student and Transfer Services will discuss the student's prior informal and non-formal learning experiences in order to determine if PLAR is an option. They will also discuss the time lines, requirements, and expectations involved in the PLAR process.

If it is determined that PLAR may be a possibility for the student, Transfer Services will contact the relevant Program Coordinator to identify the appropriate PLAR Assessor. Once the appropriate PLAR Assessor is identified, Transfer Services will discuss the PLAR with the Assessor in order to ensure, at the initial meeting, adequate rationale to support and inform the PLAR was collected. This may include an initial screening form provided for student use and submission to the college.

Transfer Services will arrange a meeting (either in-person, over the telephone, electronically, or virtually) between the PLAR Assessor and student where they will discuss the assessment process, determine the timelines for all assessments, as well as further steps required in order for the assessment to be completed. It is also at this time that the PLAR application is completed by both the student and the Assessor and then submitted to Transfer Services.

Transfer Services ensures the appropriate signatures are obtained, the registration process is completed, and the appropriate fees are assessed. Both the PLAR Assessor and the student will be notified once this is completed; the student will be required to pay the PLAR tuition and fees by the deadline outlined in the Academic Schedule.

Upon completion of the PLAR, the Assessor will assign a grade of PL (PLAR credit awarded) or NC (no credit awarded). Students are only permitted one attempt at PLAR for a specific course.

For further details regarding PLAR, please refer to the Policy and Procedures section of the Medicine Hat College website.

# TRANSFERRING TO OTHER INSTITUTIONS

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Medicine Hat College is available to support students transfers even after they are no longer attending classes. Course outlines, transcripts, and information (in support of transfer issues) are available in Student Services. Please contact [transfer@mhc.ab.ca](mailto:transfer@mhc.ab.ca) for additional information.

Medicine Hat College makes every effort to ensure students smooth transfer to Alberta universities. This is facilitated through the activities of the Alberta Council on Admissions and Transfer (ACAT), which facilitates transfer agreements between post-secondary institutions and maintains the Transfer Alberta Search Tool housed within the Transfer Alberta website available at [www.transferalberta.ca](http://www.transferalberta.ca). If students have questions about the transfer of courses, please consult an Academic Advisor at either the Medicine Hat or Brooks campus. If students have questions about the suitability of courses for the program and the institution to which they are intending to transfer, they should contact an Academic Advisor at that institution to discuss their course selections. It is important to note that transfer of courses may be affected if they achieve less than the required competitive or overall GPA or course grade required for transfer.

Further, if students change majors, programs, or institutions to which they intend to transfer, these types of changes may affect the number of courses for which they receive transfer credit.

## **Grades Required for Transfer of Courses**

Receiving post-secondary institutions may accept transfer credit for only those courses in which students have achieved an acceptable grade; at many institutions the grade required is a C- or higher. Please check with the specific institution regarding their transfer credit policy.

## **Admission as a Transfer Student to Other Institutions**

Be sure to consult with the institution to which the students are seeking transfer admission regarding transfer eligibility, required number of university transfer courses/credits, minimum GPA, and other transfer requirements.

Medicine Hat College students, they do not have a guaranteed place in quota programs or high demand programs at Alberta post-secondary institutions. Selection for quota and high demand programs is based on academic performance regardless of institutional origin. The most academically qualified students are selected for limited enrolment and high demand programs and therefore, the minimum GPA required for admission may not be sufficient for admission.

For further information, please consult with a Medicine Hat College Academic Advisor and an Academic Advisor at the institution to which they are seeking admission.

**NOTE:** It is the responsibility of each student to ensure that their courses meet any prerequisite, scheduling or other requirements for programs at Medicine Hat College. Information regarding transfer and transfer credit for enrolment at other institutions is subject to change without notification and is also the responsibility of the student. Please refer to the Transfer Alberta website and search tool for the most current information at [www.transferalberta.ca](http://www.transferalberta.ca).

# FUNDING YOUR EDUCATION



# FUNDING YOUR EDUCATION

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Attending college provides new opportunities. It also brings new expenses such as tuition, books, special supplies, additional costs related to practicum, work terms and certifications as well as accommodation, transportation, food and day-to-day living costs. The Medicine Hat College Student Financial Aid & Awards office can assist you to plan realistically for these expenses.

## Plan Ahead

It is important to plan ahead to ensure students are prepared financially for the upcoming academic year. Applications for provincial and federal student loans and grants open in June each year for classes starting after August 1. Apply for funding online through their province of residence. If they have questions or require assistance with their funding application, please contact Medicine Hat College Student Financial Aid & Awards.

Students must reapply for funding each year that you are back in studies. We recommend applying well in advance of their program start date reduce the potential for delays in receiving their funding. Students should have a plan in place to cover their initial expenses in case of a delay in receiving their funding.

## Medicine Hat College Scholarships & Bursaries

Medicine Hat College students receive almost \$1 million annually in donor and government funded scholarships & bursaries. Applications for Medicine Hat College awards open on March 1 and close June 1 each year. Students selected for Medicine Hat College awards receive a credit towards their fall tuition.

The Medicine Hat College Student Financial Aid & Awards website contains information on accessing thousands of external scholarships & bursaries. External awards generally have different application dates, deadlines, and application processes.

Medicine Hat College Student Financial Aid & Awards

Email: [finaidinfo@mhc.ab.ca](mailto:finaidinfo@mhc.ab.ca)

Website: [mhc.ab.ca/student-life/financial-aid](http://mhc.ab.ca/student-life/financial-aid)

Phone: 403.504.3594

# TUITION AND FEES



# TUITION AND FEES

Tuition and fees are approved by the Medicine Hat College Board of Governors and are set in accordance with Tuition Fee guidelines established by the Alberta Government.

Base tuition and fees are determined by locating a class's credit value on the chart below. The Students' Association fee is designated 85% for operating costs and 15% for building fund.

2024/2025					
Canadian, Permanent Resident and Refugee Status Students					
Credits	Tuition	Athletic & Recreation Fee	Student Supports Fee	Student Association Fee	Total Fees
1.0	\$ 154.24	\$ 8.50	\$ 8.50	\$ 7.80	\$ 179.04
3.0	\$ 462.72	\$25.50	\$ 25.50	\$23.40	\$ 537.12
Visa Students					
Credits	Tuition	Athletic & Recreation Fee	Student Supports Fee	Student Association Fee	Total Fees
1.0	\$ 462.72	\$ 8.50	\$ 8.50	\$7.80	\$ 487.52
3.0	\$1,388.16	\$25.50	\$ 25.50	\$23.40	\$1,462.56
Data Analytics					
Credits	Tuition	Athletic & Recreation Fee	Student Supports Fee	Student Association Fee	Total Fees
1.0	\$210.00	\$ 8.50	\$ 8.50	\$ 7.80	\$ 234.80
3.0	\$630.00	\$25.50	\$ 25.50	\$ 23.40	\$ 704.40

## PROJECTED FEES

Projected Student Fees - Canadian, Permanent Resident & Refugee Status Students (Excluding Student Association Fees)			
Fees per 3-credit course	2025/2026	2026/2027	2027/2028
Tuition	\$471.96	\$481.40	\$491.03
Athletic & Recreation Fee	\$ 26.01	\$ 26.53	\$ 27.06
Student Support Fee	\$ 26.01	\$ 26.53	\$ 27.06
<b>Total</b>	<b>\$523.98</b>	<b>\$534.46</b>	<b>\$545.15</b>

Projected Student Fees - International Students (Excluding Student Association Fees)			
Fees per 3-credit course	2025/2026	2026/2027	2027/2028
Tuition	\$1,365.92	\$1,393.24	\$1,421.10
Athletic & Recreation Fee	\$ 26.01	\$ 26.53	\$ 27.06
Student Support Fee	\$ 26.01	\$ 26.53	\$ 27.06
<b>Total</b>	<b>\$1,417.94</b>	<b>\$1,446.30</b>	<b>\$1,475.22</b>

# TUITION AND FEES

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## Mount Royal University Degree Partnership Tuition and Fees for Years Three & Four

Canadian, Permanent Resident & Refugee Status Students

2024/2025					
Credits	Tuition	Athletic & Recreation Fee	Student Supports Fee	Student Association Fee	Total Fees
1.0	\$ 216.33	\$ 8.50	\$ 8.50	\$ 7.80	\$ 241.13
3.0	\$ 648.99	\$ 25.50	\$ 25.50	\$ 23.40	\$ 723.39

### VISA STUDENTS

2024/2025					
Credits	Tuition	Athletic & Recreation Fee	Student Supports Fee	Student Association Fee	Total Fees
1.0	\$ 747.65	\$ 8.50	\$ 8.50	\$ 7.80	\$ 772.45
3.0	\$ 2,227.95	\$ 25.50	\$ 25.50	\$ 23.40	\$ 2,302.35

# TUITION AND FEES

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## Mandatory Student Fees

Mandatory Fees are those fees charged by a post-secondary institution to every student enrolled, regardless of their program of study. These fees are required to be paid as a condition of enrolment.

### Application Fee

An application fee is required when you are applying to Medicine Hat College. Please refer to the website for details [www.mhc.ab.ca](http://www.mhc.ab.ca).

### Apprenticeship Fees

Seats are filled on a first come first served basis. Tuition fees are based on a set rate per week. Books and supplies which vary with each trade, a consumable materials fee and Student Association fees are also applicable to all apprenticeship students.

A non-refundable deposit is due upon registration. The balance of tuition is due four weeks prior to the first day of classes. Unpaid tuition will result in an automatic withdrawal from class and your seat will be offered to the next person on the waitlist. No refunds will be issued after the third day of classes.

### Athletics & Recreation Fee

An Athletics & Recreation fee is levied for each credit taken. This fee enables access to campus athletic facilities and campus recreation programming.

### Ancillary Course Fee

Ancillary fees are billed for specific courses or programs to cover non-instructional costs (for example, external certifications and field trips).

### Health and Dental Plan

The Students' Association of Medicine Hat College provides an Extended Health and Dental Plan to member students. A mandatory fee for the Plan is assessed to students during the registration process; to verify enrolment in the SAMHC Health & Dental Plan, check the fee statement and look for the "Student Association Health/Dental Fee" line items. The Plan provides coverage for expenses such as most prescription drugs, paramedical services and dental care. This Plan supplements provincial health coverage, it does not replace it. Students must have coverage with a provincial health insurance plan to be an eligible member of the Plan.

Students who begin their studies in September will be charged the full amount for the health and dental coverage. This amount will cover students for the period from September 1 to August 31. New students who begin their studies after September will be charged a pro-rated amount for health coverage (there is no fee pro-ration for dental coverage).

Students who already have an equivalent extended health and dental plan may opt out of the SAMHC Health and/or Dental plan by providing Proof of Coverage (POC) information and by completing a waiver form before the opt out deadline. Students can also enroll their spouse and/or dependents by completing an enrolment process and paying an additional fee, over and above the mandatory fee (deadlines apply).

The SAMHC Extended Health and Dental Plan is not available to students who are registered only in the Spring/Summer sessions.

For further information such as Plan details, POC details or to opt out online (deadlines apply) please visit [www.samhc.ca](http://www.samhc.ca).

### International Health and Dental Plan

International Education administers international health insurance coverage for international students enrolled at MHC, and for MHC students travelling internationally on education abroad programs. International health insurance coverage is mandatory for international students at MHC. International students in credit courses are automatically enrolled in and charged for the mandatory insurance upon registration in courses unless proof of equivalent alternate basic and extended health insurance coverage is provided.

### Registration Deposit

A non-refundable deposit is due upon receiving an offer of admission. Students should review their letter of offer carefully and meet the requirements and deadlines to accept their seat. Deposits are directly applied to first semester tuition.

### Students' Association Fees

These fees are authorized by student referendum and the Board of Governors. They are collected by the College on behalf of the Students' Association in accordance with the Post Secondary Learning Act. Students' Association Membership Fees are assessed on a per credit basis.

### Student Support Fee

A Student Support fee is levied for each credit taken. This fee enables access to health and wellness services such as personal counselling, accessibility services and career counselling, academic advising and indigenous supports.

### Tuition Fees

Tuition fees are based on the credit value of courses. Course credits are determined by the number of instructional hours in a course. For further information, consult the course descriptions and the fee schedule in this calendar.

## Additional Student Fees

Additional Student Fees are administrative fees for services and/or materials provided by Medicine Hat College. These fees are charged at the time the service or material is provided.

### Books

The cost of required textbooks varies from course to course. The price of required textbooks is available at the Bookstore.

### Breakage

There will be a fee assessed for damage to furniture, apparatus, books, etc. Charges must be paid before you may register for a new semester.



# TUITION AND FEES

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## Formal Grade Appeal Fee

If an informal grade appeal is unsuccessful, a student may request a formal grade appeal to reappraise a mark. The fee for this appeal is required in advance and will be refunded to the student if the appeal is successful. For further details regarding this process refer to the Grade Appeal Process section of the academic calendar.

## Laptop Rental

Students may rent a laptop (per semester) from Information Technology Services inside the Library. Students contact Registration Services to arrange payment and take proof of payment to ITS to sign a release form and pick up the equipment. For further information on this program, please contact Technology Support at [callcentre@mhc.ab.ca](mailto:callcentre@mhc.ab.ca)

## Library Fines

Library fines are assessed on overdue materials, multimedia equipment and items with holds. The college restricts the accounts of students with overdue material or outstanding fines. Students with restricted accounts cannot register in classes or request transcripts.

## Parchment Replacement Fee

Students who have previously received a certificate, diploma, applied degree or degree parchment from Medicine Hat College and require a replacement because of loss or a legal name change will need to submit a formal written request for replacement. A charge will be levied for this replacement.

## Prior Learning Assessment and Recognition (PLAR) Fee

If a PLAR is approved, the student will be assessed 50% of the course tuition and fees. For further details regarding this process refer to the Transfer Credit and Prior Learning Assessment and Recognition (PLAR) section of the academic calendar.

## Residence

To secure residence at our institution, students must first register online via the StarRez platform on our website. During registration, they'll be prompted to answer a series of questions designed to understand their preferences, living habits, and other relevant information. Additionally, a \$300 refundable security deposit is required prior to confirmation of their application. Upon successful completion, students will receive an acceptance letter granting them residence at our campus.

## Student ID Card Replacement Fee

Students will need a photo student ID card to access the library, athletics facilities, computer labs, and Crave Pub. Replacement cards are issued at the library and subject to a nominal fee.

## Payment of Fees

Students are responsible for their own financial arrangements to ensure all fees are paid prior to the published deadlines.

## When to Pay

All tuition and fees are due by the end of working hours on the published Tuition and Fees Deadline date for each registered semester, as listed in the academic schedule.

## How to Pay

Payment options, including online bill payment and electronic fund transfers, for tuition and fees are listed on the Medicine Hat College website. Options may change throughout the year to provide additional choices for students and to increase the ease of payment. For students being funded by a sponsoring agency (for example, WCB, an aboriginal funding agency, or employer), Medicine Hat College requires a letter from the funding agency outlining the costs that they will be covering. This letter must be received by Medicine Hat College by the Tuition and Fees Deadline date. The letter can be faxed or dropped off at Student Financial Aid or mailed to Student Financial Aid.

## Fee Deferral

Students encountering difficulty in paying tuition and fees should contact Student Financial Aid & Awards before the Tuition and Fees Deadline to discuss options for funding and payments.

Medicine Hat Student Financial Aid & Awards

Email: [finanidinfo@mhc.ab.ca](mailto:finanidinfo@mhc.ab.ca)

Website: [mhc.ab.ca/student-life/financial-aid](http://mhc.ab.ca/student-life/financial-aid)

Phone: 403.504.3594

## Nonpayment of Tuition and Fees

Failure to pay or to make suitable arrangements for payment by established deadlines will result in the student being withdrawn from classes and from the official class lists. If students are not on the official class list, they will not be permitted to attend classes or to write examinations and the Registrar's Office will not accept their final grades. Students wishing to return will need to re-apply and pay the application fee for the next semester intake.

## Refunds

Students who drop all classes before or on the Course Drop deadline, will be issued a full refund of tuition and mandatory fees, less the registration deposit.

Courses dropped after the Course Drop deadline will be considered a withdrawal and will not be issued a refund.

# ACADEMIC REGULATIONS AND POLICIES



# ACADEMIC REGULATIONS AND POLICIES

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This section explains the academic processes students can expect, including course outlines, exams, and grades.

## Course Outline

At the beginning of each course, students will be given a course outline that specifies objectives, topics, evaluation methods, grade weighting, distribution of marks, penalties for late assignments (if used), and assigned readings. The course outline is the student's contract with the instructor for the course. If there are substantial changes to the course outline, including the weighting and distribution of marks, students will receive written notice.

Where specified in the course outlines students are expected to conform to the attendance requirements of a class or program, as failure to do so may be reflected in the students' grade impacting acceptable progress.

## Examination Policy

The Registrar's Office is responsible for developing a final exam schedule for the fall and winter semesters and communicating the schedule to students and faculty. Instructors are responsible for scheduling spring and summer semester final exams; ensuring final exams are properly secured; working with appropriate departments to support students with documented accommodations and exam conflict arrangements; and communicating with the Registrar's Office if an examination room is not required. When the final exam schedule is issued, students and faculty are asked to report any errors, omissions, or conflicts to [scheduling@mhc.ab.ca](mailto:scheduling@mhc.ab.ca) as soon as possible.

**If you are a student with accessibility considerations, make any necessary arrangements well before the examination day.**

**Students are expected to complete final exams and be available for examinations up to the last day of the final exam schedule, as specified in the Academic Schedule.**

### Exam Conflict

A conflict is three exams on the same day or two exams at the same time.

If a student has an exam conflict, they must first speak to their instructors to make alternate arrangements. If an alternate arrangement cannot be made, the student can contact [scheduling@mhc.ab.ca](mailto:scheduling@mhc.ab.ca) for support in finding a solution.

### Deferral of Examinations

Deferral of examinations and assignments are only allowed when a student, for a valid reason, cannot comply with the established dates and times. Valid reasons for deferral include:

- bereavement
- personal illness or injury
- religious observances
- domestic affliction

**Deferral of term work or assignments** may be granted by the course instructor for reasons similar to those considered valid for final exams. The request for a deferral, accompanied by written documentation, must be submitted to the instructor before the examination or assignment date.

**Deferral of a final examination** must go to the instructor and the Dean with supporting documentation. In the event of illness or hospitalization, a medical statement must indicate the specific date and time the student required medical attention, the nature of the illness, and how the illness affected the student's capacity to write the examination. In the event of the above-listed reasons for deferral, the request must go to the Dean at least two weeks prior to the scheduled exam. The authority to grant or to deny the deferral of a final exam is vested with the Dean, who may deny the deferral if just cause is not shown.

If a student is absent from an examination due to unforeseen reasons, the student must notify the course instructor or the Dean within 48 hours of the missed examination with supporting documentation.

### Examination Retakes

Students will not be permitted to retake Medicine Hat College final exams with the exception of situations deemed appropriate through the grade appeal process.

### Examination Guidelines

- Unless approved prior to an examination by the instructor, students may not take any notes, books, calculators, or related material into an examination. Jackets and bags should be placed at the back or the side of an examination room.
- Laptop computers may not be used to write examinations unless approved by the instructor or Dean.
- Students may not enter an exam room after half an hour has elapsed from the start of the exam. Students may not leave until a half an hour has elapsed from the start of the examination.
- Should a student become ill or receive word of a domestic affliction during an examination, the student must immediately report this to the instructor or invigilator, hand in the unfinished paper, and request that it be cancelled. If illness is the cause, the student will need to supply medical documentation within 72 hours to the instructor.
- Once students leave an examination, they may not return to the examination room.
- Breaks are not permitted unless approved by the instructor. If a student needs to use the washroom facilities, permission must be granted by the instructor. Two students may not be in the washroom at the same time during the exam.
- Students are not permitted to talk during an examination or as they exit the room.

# ACADEMIC REGULATIONS AND POLICIES

## Academic Grading System

Grade	Value	Point Description
A+	4.0	Outstanding.
A	4.0	Excellent. Superior performance, showing comprehensive understanding of subject matter
A-	3.7	
B+	3.3	
B	3.0	Good. Clearly above average performance with knowledge of subject matter generally complete
B-	2.7	
C+	2.3	
C	2.0	Satisfactory. Basic understanding of the subject matter.
C-	1.7	Minimum grade to proceed to the next level of the same subject (may not be sufficient for promotion or graduation in some programs)
D+	1.3	
D	1.0	Minimal pass. Marginal performance, generally insufficient preparation for subsequent courses in the same subject.
F	0.0	Fail. Unsatisfactory performance or failure to meet the course requirements.

## Other Grade Symbols

AC	Advanced Credit
CR	Credit Awarded (Pass)
IC	Incomplete
IP	In Progress (currently taking)
NC	No Credit Awarded (Failure) No grade point value assigned
PL	Prior Learning Credit
RD	Report Delayed
TR	Transfer Credit
W	Withdrawal

## Withdrawal Grade

A grade of 'W' is assigned when a student withdraws from a course, or set of courses, after the drop deadline for the specific course or semester. Courses assigned a 'W' grade appear on the student transcript, do not impact the grade point average (GPA) calculation and are not eligible for a refund.

## Incomplete Grades

An incomplete 'IC' grade may be assigned in the event of extenuating circumstances where additional time is required to complete a course. Approval to issue an 'IC' grade should be sought from the Dean. All 'IC' grades must be resolved within 30 days of the final exam date via the grade change process. Failure to meet the deadline will result in the 'IC' grade being moved to an 'F' grade by the Registrar's Office.

## Special Grading Conditions

- The acceptance of D and D+ grades for continuation and/or graduation is contingent on the program's specific policy.
- Course outlines must distinctly specify the conversion of course evaluations from percentage grades to letter grades.
- Common objectives and evaluation standards for multiple sections of the same course should be clearly defined in the course outline.
- Grade point averages will include all courses except those with AC, W, IC, CR, NC, RD, IP, TR, and PL grades.

## Release of Final Grades

Following the completion of each semester, once examination papers are graded and results are calculated, a thorough review and recording of the outcomes in the College's student records system is necessary before the release of an official transcript. In the event of any discrepancies, it is important to report errors to Student Records at [records@mhc.ab.ca](mailto:records@mhc.ab.ca) within two weeks of the posting of the grades.

## Repetition of Courses

Students are allowed up to three attempts to achieve a passing grade in any Medicine Hat College course. A fourth attempt requires permission from the Dean or their designate. Generally, you'll need to wait at least one academic year before being granted permission for a fourth attempt. It's important to note that all graded course attempts, including those with a W grade, are included in the repetition count.

Students may be subject to program specific course repetition policies that supersede the institutional standard. Furthermore, be aware that institutions accepting course transfers may have their own policies dictating the number of permissible attempts, and such external policies take precedence over this one.

# ACADEMIC REGULATIONS AND POLICIES

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## Reassessment of Grades

### Key Points to Consider:

1. Faculty Rights and Responsibilities: Faculty members are obligated to furnish course outlines, conduct thorough assessments, and assign grades promptly. It is assumed that the initially assigned grades are accurate. If you decide to challenge a grade, the burden of proof lies with the student to demonstrate any inaccuracies.
2. Finality of Grades: Unless there are compelling reasons like instructor or clerical errors, bias, or arbitrary grading, the grade given by the instructor is considered final. Recognizing the subjective nature of many courses, where diverse perspectives exist, it is crucial to understand that differing opinions among students, faculty, authors, and experts are normal.
3. Respect and Dignity: Both faculty and students must maintain a respectful environment. Any conflicts should be addressed following the Respectful Work and Learning Environment Policy.
4. Grade Changes: Only the instructor who assigned the grade or the Vice President Academic, based on a formal grade appeal, has the authority to change a grade.

## Academic Standing

Academic Standing refers to a student's position or status in their academic program, determined by their academic performance and achievement.

### President's Honour Roll

If you have earned a minimum term grade point average (GPA) of 3.87 on all courses taken during each semester, you will be placed on the President's Honour Roll. A minimum of 15 credits per semester must be completed and none can be incomplete "IC" grades. All classes taken will be included in the GPA calculations. The GPAs will be calculated to two decimal points and will not be rounded up.

### College Honour Roll

If you have earned a minimum term grade point average (GPA) of 3.5 on all courses taken during each semester, you will be placed on the College Honour Roll. A minimum of nine credits per semester must be completed and none can be incomplete "IC" grades. All classes taken will be included in the GPA calculations. The GPAs will be calculated to two decimal points and will not be rounded up.

### Good

A student who has earned a minimum grade point average (GPA) of 1.7 or above, is considered to be in good academic standing.

### Academic Probation

Academic probation occurs when the student GPA falls below 1.7 for six or more credits by the end of a semester.

- If you're on academic probation, you'll receive a letter from the Registrar indicating the potential for academic dismissal at the end of your next semester. Contacting an Academic Advisor for support and improvement strategies is strongly recommended.
- Academic probation can lead to academic dismissal.
- A student may be subject to program specific probation policies that supersede the institutional standard. Please refer to the appropriate program section within the calendar.

## Academic Dismissal

Academic dismissal occurs when the student GPA remains below 1.7 for two consecutive semesters with six or more credits.

- This results in the addition of the "Dismissal" designation to the student academic record, being removed from all future classes and withdrawn from the program.
- Dismissed students are not eligible for re-admission for a minimum of one academic year.
- A student may be subject to program specific dismissal policies that supersede the institutional standard. Please refer to the appropriate program section within the calendar.

## Request for Reinstatement

A student may submit a reinstatement request to their Academic Advisor via email, within five business days of receiving the academic dismissal letter.

- The reinstatement request should explain why their GPA is below 1.7, the circumstances leading to low grades, why reinstatement is being sought, and a plan for improving grades.
- The Academic Advisor will review the reinstatement request, schedule a mandatory meeting with the student, and may consult staff or faculty for additional information.
- Failure to attend the meeting will result in an immediate denial decision for the reinstatement request and all further steps will be ceased.
- The Academic Advisor will present a recommendation to the Registrar.
- The Registrar will review and make a final decision, which will be indicated on your transcript.

If Reinstatement is Approved:

- The student must meet with their Academic Advisor to finalize reinstatement conditions.
- Register for classes.

If Reinstatement is Denied:

- The student will remain dismissed and may not attend Medicine Hat College credit programming for one academic year.
- The student may reapply to Medicine Hat College at any time however, they may not attend until after the dismissal period.
- Medicine Hat College reserves the right to refuse readmission.

## Fraudulent Transcripts and Admission Documentation

Students will be dismissed if it is discovered that their admission was obtained due to a fraudulent document.

## Grade Appeal

### Grounds for Academic Appeal

1. Unforeseen Extenuating Circumstances: If unforeseen circumstances affected your academic performance, you can appeal your grade. Supporting documentation is required.
2. Merit of Work: If you believe your work was undervalued, you have the right to appeal.
3. Procedural Irregularity: If you experienced issues due to the course administration or a deviation from the outlined procedures, you can appeal.
4. Discrimination: If you suspect that your grade was influenced by factors unrelated to the quality of your work, you have the right to appeal.

# ACADEMIC REGULATIONS AND POLICIES

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## GRADE APPEAL PROCESS

### Informal Grade Appeal Process

- 1) The student receives an assignment, examination, or final grade that they wish to dispute. It is necessary for the student to contact their instructor for clarification within 10 working days of receiving the grade. The student is responsible for monitoring posted final grades.
- 2) If the student is not satisfied with the clarification provided by the instructor, or if they have made verifiable attempts through the program area office to meet with the instructor without success, they may contact the course Chair
- 3) The student should put their concerns in writing to the Chair responsible for the course within 20 working days of receiving the assignment or grade. The student may ask the Students' Association to assist them with the appeal process.
- 4) The Chair will meet individually with the student and the instructor (and a Students' Association representative and a Faculty Association representative, if applicable), to review all relevant graded work, documentation, and the pertinent calculations that have contributed to the assigned grade. The Chair will respond to the student in writing, within five working days of the meeting, and indicate whether consensus has been achieved in relation to the grade assignment.

***Most appeals are resolved at this level. If the student feels the matter has not been resolved, they may move on to the formal grade appeal process.***



### Formal Grade Appeal Process

- 1) A student can continue the appeal by submitting the grade appeal form (available at the Registrar's Office) within 10 working days of the date of the Chair's response to the informal grade appeal.
  - A \$25.00 fee will be charged; however, this fee will be refunded if the appeal is successful
- 2) The Registrar will forward the appeal form and all other written documentation to the office of the appropriate academic Dean.
- 3) The Dean will form an Appeal Committee consisting of:
  - a student representative from another program recommended by the Students' Association of MHC,
  - a faculty member from another school recommended by the Faculty Association of MHC
  - and the Dean or designate, who will have the final approval of the nominees from the respective associations and will chair the committee
- 4) The Appeal Committee will examine the written documentation and listen to all involved parties, including both the instructor and the student. The committee members will offer recommendations to the Dean, who will then determine the grade assignment. The Dean is required to reach a decision within 15 working days from the date the student filed the appeal with the Registrar.

**The decision of the Dean is final.**

# ACADEMIC REGULATIONS AND POLICIES

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## Academic Integrity and Academic Integrity Violations

Medicine Hat College students, are expected to conduct themselves with honesty, honour the academic community, and demonstrate personal accountability to uphold mutually agreed-upon standards of conduct that are fundamental in the search for knowledge and learning at Medicine Hat College. Academic integrity is one of those standards of conduct.

Academic integrity is the moral code of academia and can be defined as the use, generation, and communication of information in an ethical, honest, and responsible manner. Academic integrity violations (including cheating, fabrication of information, facilitating academic misconduct, intentional and unintentional plagiarism) will result in disciplinary action. Medicine Hat College expects students to exercise responsible social conduct that reflects favorably upon themselves and the college. This requires conduct that is consistent with the laws and the generally accepted social behavior of our community and society, and academic integrity includes taking responsibility to gain the knowledge and skills necessary to avoid engaging in behaviors deemed to be academic integrity violations.

## Student Academic Integrity

### Responsibility of the Student

The student is obligated to refrain from all forms of behavior that constitute violations of academic integrity. The following actions are examples of actions and behaviors that constitute academic integrity violations, but is not exhaustive.

### Plagiarism

Plagiarism is the submitting or presenting of work in a course as if it were the student's own work done expressly for that particular course. Plagiarism is an extremely serious academic integrity violation. Most commonly plagiarism exists when:

1. The work submitted or presented was done, in whole or in part, by an individual other than the one submitting or presenting the work.
2. Parts of the work were taken from another source without reference to that source.
3. The whole work (e.g. an essay) was copied from another source.
4. The work submitted or presented in one course was also submitted, in whole or in part, in another course without properly referencing the original submission and without the prior agreement of the instructors involved.

### Cheating

Cheating is also an extremely serious violation of academic integrity. In an academic context, cheating most commonly occurs in tests or examinations when a student:

1. Uses unauthorized materials (e.g., textbooks, notes) or communicates unauthorized information by whatever means (e.g., cell phones, calculators and other electronic devices).
2. Copies the work of another person.
3. Leaves answer papers exposed or otherwise enables other students to inappropriately access learning materials.
4. Consults any person or materials outside the confines of the examination room without permission to do so.

### Inappropriate Collaboration

Inappropriate collaboration occurs when an instructor requires students to work alone on an assignment or limits the amount of collaboration students engage in for a specific purpose and as part of the learning process. Serious problems can occur when students do not follow the instructions regarding collaboration. Inappropriate collaboration occurs when a student:

1. Collaborates on an assignment which they were expected to complete independently.
2. Copies part of the work of another student exactly on an assignment on which collaboration is allowed but copying is not.
3. Completes a part or the whole of any assignment for another student.
4. Paraphrases or copies the work of another student without providing proper citation
5. Poses as, or facilitates another posing as, someone else during an exam.

### Other Academic Misconduct

Other academic misconduct includes, but is not limited to:

1. Falsifying or fabricating the results of investigations or laboratory experiments.
2. Tampering with, destroying, stealing or making inaccessible library or other academic resource materials, including computer programs and files.
3. Altering marks on an assignment, tests, examination, or list.
4. Acquiring, attempting acquisition, possessing or distributing examination materials or information not authorized by the instructor.
5. Impersonating another student in an examination or class assignment.
6. Recording lectures or classes without authorization.

As outlined in the examples above, violations of academic integrity also includes the helping of another person to commit an act of academic dishonesty.

Moreover, as a responsible member of the academic community of Medicine Hat College, all students are expected to take an active role in encouraging other members to respect the basic standards of academic integrity. If a student suspects a violation of academic integrity by another student, the suspicion should be made known to the instructor. If a student suspects a violation of academic integrity by the instructor, the suspicion should be made known to the Dean.

### Responsibility of the Instructor

- The instructor is obligated to exercise care in the planning and supervision of academic work so that honest effort will be positively encouraged.
- The instructor is obligated to clearly communicate the requirements for assignments, tests, and examinations, including but not limited to such requirements as source citation format in written assignments and materials authorized for use in tests and examinations.
- The instructor is obligated to clearly define the appropriate levels of collaboration on all assignments.
- The instructor is responsible for the proctoring of all tests and examinations. The use of substitute proctors is allowable only with the approval of the dean.
- The instructor is responsible for supporting the institution's efforts to create a culture of academic integrity.

# ACADEMIC REGULATIONS AND POLICIES

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## Consequences of Intellectual Dishonesty

The penalty for an act of intellectual dishonesty shall ordinarily be determined at the reasonable discretion of the instructor, and may be the reduction of the grade on the assignment, test, or examination. The penalty shall normally be a zero grade on the assignment, test or examination. Ordinarily the matter will be concluded at this stage. The student may appeal the instructor's decision in writing to the chair within 10 working days of receiving the grade.

Should the instructor deem the offense to warrant a stronger penalty, the matter shall be referred to the chair whereupon the penalty may result in an F grade for the course or courses, expulsion from the course or courses, or expulsion from the program.

In cases referred to the Chair by an instructor or appealed by the student, the process shall be as follows:

1. The instructor shall formally notify the student and the appropriate Chair in writing outlining the details and context of the academic dishonesty. The student appealing an instructor's decision must do so in writing within 10 working days of receiving the grade.
2. The Chair will meet separately with the instructor and the student (and a Students' Association representative and a Faculty Association representative, if applicable) to review all work and documents related to the matter;
3. The Chair shall review the matter and inform the student of the outcome.

## Appeal of Disciplinary Action for Academic Integrity Violations

The student can appeal the decision by notifying in writing the office of the Dean within 15 working days from the date of the Chair's decision.

1. The Dean will form an Appeal Committee composed of a student representative from another program recommended by the Students' Association of MHC, one faculty member from another school recommended by the Faculty Association of MHC and the Dean, who will have final approval of the nominees from the respective associations and chair the committee.
2. The Appeal Committee will review the written documentation and hear from all parties concerned in the matter, including the instructor and the student. The committee member will provide advice to the Dean, who will make a decision with respect to the appeal. The Dean shall make a decision within 15 working days from the date the student filed the appeal. The decision of the Dean is final.

## Student Non-Academic Misconduct

Medicine Hat College's Student Non-Academic Misconduct Policy and Procedure addresses behavior on Medicine Hat College premises that violate explicitly stated rules, regulations and policies. This includes, but is not limited to, acts of violence, theft, discrimination, harassment, sexual harassment/violence, and possession of illegal substances or weapons. Acts that are criminal in nature will be turned over to the appropriate authorities. Violations of the Student Non-Academic Misconduct Policy may lead to penalties and sanctions, up to and including dismissal or expulsion from Medicine Hat College.

The full policy and procedure can be found on Medicine Hat College's website at [Medicine Hat College | Policies & Procedures | MHC](#).



# CONVOCATION



# CONVOCATION

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Congratulations on nearing the end of your program. It is time to celebrate your success!

## WHAT IS THE DIFFERENCE BETWEEN GRADUATION AND CONVOCATION?

Graduation is the term used to acknowledge that students have met all requirements and have been approved to graduate from the program. Convocation refers to the ceremony where graduates are gowned and walk across the stage as part of the celebratory event.

## GRADUATION

### General Graduation Requirements

#### Parchments

Medicine Hat College offers certificates, diplomas and applied degrees. To earn a particular parchment from Medicine Hat College, students must have successfully completed the specific courses and satisfied all program requirements.

#### Residency Requirements

To receive a Medicine Hat College credential, students must complete a minimum of 50 percent of the course content at Medicine Hat College.

#### Application to Graduate

Near the end of their program, students must complete an Application to Graduate to start the graduation process and receive their parchment, whether they are attending the convocation ceremony or not. This form can be found online through the Student Dashboard or on the Convocation page on the Medicine Hat College website. <https://www.mhc.ab.ca/en/student-life/convocation>.

#### Confirmation of Graduation Letter

This letter provides confirmation and proof that students have met all the requirements to graduate and can only be issued once all final grades have been posted and the Application to Graduate process has been completed. This form can be found online through the Student Dashboard. There is fee payable at the time of submitting this form.

Confirmation of Graduation Letters are primarily used to support post-graduation work permit applications for international students.

## CONVOCATION

### Convocation Eligibility

To be eligible to participate in the ceremony, students must have completed all graduation requirements. Students who are in progress with final coursework at the time of the ceremony may be considered for participation providing they are recommended by the Dean, have achieved a minimum cumulative GPA of 2.0 in previous semesters, and will complete all program requirements within the specific time lines set forth by the program.

### Attending the Convocation Ceremony

Medicine Hat College offers Convocation ceremonies annually in June. Students who plan to attend the convocation ceremony must complete the gown order portion of the application to graduate. A gown will not be reserved unless this step is completed. There is fee payable at the time of submitting this form.

### Convocation Dates

#### Spring Convocation

June 13, 2025

#### Deadline to submit Application Form

March 15, 2025

For more information about Convocation, check the website at [www.mhc.ab.ca](http://www.mhc.ab.ca).

### Honorary Degrees

Each year MHC presents an honorary applied degree to a nominated community member at the Convocation ceremony.

# STUDENT RIGHTS AND RESPONSIBILITIES



# STUDENT RIGHTS AND RESPONSIBILITIES

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The purpose of the statement is to identify a set of rights and responsibilities of the students enrolled in the credit programs of Medicine Hat College. In the event of a perceived or alleged breach of the statement, a student, students, or the Students' Association may seek resolution through established college procedures.

As a student enrolled in a credit program at Medicine Hat College, students should have rights and assume responsibility in accordance with applicable college policies and procedures, as set out in this section of the Calendar. All of the rights and responsibilities apply to full-time students and all, except items 8, 9, and 10 apply to part-time students.

## 1. Right

To have your rights respected by fellow students, faculty, staff, administrators and other persons associated with the College.

### Responsibility

To respect the rights of fellow students, faculty, staff, administrators, and other persons associated with the College.

## 2. Right

To a college environment that complies with institutional and relevant government regulations, policies, and procedures.

### Responsibility

To observe college and relevant government regulations, policies, and procedures intended to protect the environment of the college.

## 3. Right

To participate and to be represented in the affairs of the college through the Medicine Hat College Students' Association, an organization dedicated to being responsible and responsive to the student body at large.

### Responsibility

To be an active member in good standing of the Students' Association, and to participate, when feasible, in the democratic processes of the Association.

## 4. Right

To have access to current information published in the college calendar or, when such publication is not timely, posted in Student Services regarding academic regulations, policies, and procedures, including admission and registration requirements and procedures, program and graduation requirements, final examination policy and regulations, and transfer arrangements as outlined in the Alberta Transfer Guide. This information may also be accessed on our website.

### Responsibility

To familiarize yourself with current information regarding academic regulations, policies, and procedures, and to follow those regulations, policies, and procedures to the extent that such regulations, policies, and procedures are printed in the college calendar or posted in Student Services.

## 5. Right

To have appeal and grievance procedures established by the college and printed in the college calendar or, when such publication is not timely, posted in Student Services.

### Responsibility

To make yourself aware of appeal and grievance procedures.

## 6. Right

To the confidentiality of transcripts and of the grade assigned for each course, except by express written permission. (The college reserves the right to confirm or deny questions concerning students' registration and/or completion of a program. The college reserves the right to make transcripts available for authorized purposes within the college without student permission for such purposes as scholarship and financial aid eligibility, program advising).

### Responsibility

To respect the confidentiality of the academic records of fellow students.

# STUDENT RIGHTS AND RESPONSIBILITIES

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## 7. Right

To view, in the Office of the Registrar, the college's official student record as contained in your permanent file.

### Responsibility

To respect College regulations regarding the viewing of the official student record.

## 8. Right

To have access to a place in each required course of the program in which students are registered at least once during the normal length of the program for full-time students.

### Responsibility

To take each required course of the program in which students are registered as soon as a place becomes available after the prerequisites for those courses have been met.

## 9. Right

To have the graduation requirements of the program in which students are registered remain unchanged from those in effect when they first registered in that program, if they do not interrupt your program. If the requirements are changed, students registered in that program will be given the choice of which curriculum to follow, if possible, except where the change is dictated by external agencies or where specific courses required for graduation are no longer available, in which case, the Dean (or designate) may specify alternatives.

### Responsibility

To endeavor to complete the program under the curriculum best suited to your personal circumstances in view of the reasons for the change.

## 10. Right

To have the length of the program in which students are registered remain unchanged from the length of the program when they first registered in that program. If the length of a program is changed, students registered in that program and who have not interrupted their program, will be, if possible, given the choice of which curriculum to follow except in cases where the length of the program is dictated by external agencies.

### Responsibility

To endeavor to complete the program under the curriculum best suited to your personal circumstances in view of the reasons for the change.

## 11. Right

To have the opportunity to complete, within its normal duration, the program in which students are registered as a full-time student if and when that program is discontinued by the college.

### Responsibility

To select alternative solutions if enrollment or funding factors limit completion opportunities.

## 12. Right

To be given a written outline at the beginning of the courses in which you are registered, stating the objectives of the course, the evaluation system to be used, the requirements regarding class attendance and punctuality, the format and due dates of major assignments, as well as penalties if they are to be employed. In the event that circumstances beyond the control of the instructor compel substantial changes to course content and/or classroom procedures, rules, and regulations, they will be given written notice of such changes.

### Responsibility

To make yourself aware of and follow the requirements of the written course outline even when students are absent from a particular class.

## 13. Right

To the availability of course instructors for assistance and consultation outside of scheduled class periods, at mutually agreeable times.

### Responsibility

To monitor students own academic progress and to seek help to resolve academic or career choice difficulties. In the case of academic difficulties, they shall first discuss such matters with their course instructor before enlisting other advice and assistance. In the case of program concerns, they should consult first with the Coordinator and/or Dean.

# STUDENT RIGHTS AND RESPONSIBILITIES

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## 14. Right

To have course times, as scheduled in the college timetable at the time of registration, remain unchanged except in exceptional circumstances as determined by the college and to have classes start and end at the scheduled times.

### Responsibility

To arrive on time for their classes and to remain for the duration of those classes, except in exceptional circumstances. To attend classes regularly and to obtain handouts and notes when absence is necessary.

## 15. Right

To be notified, whenever possible of class cancellations in advance of the class meeting.

### Responsibility

To accept exceptional circumstances and to be prepared to spend the time on other useful endeavors.

## 16. Right

To the assurance that various sections of the same course have common course-specific objectives and comparable requirements and evaluation standards, and to have these described in the course outline.

### Responsibility

To respect the faculty member's rights to determine the course content, instructional methodology, and evaluation procedures within the guidelines set for the course.

## 17. Right

To have access to a review with the instructor of in-course tests, examinations, and course assignments within 10 working days of return of the grade and to have supervised access to final examinations, in the divisional office and without benefit of a review with the instructor or other college employee, within 15 working days of the release of final grades by Student Services.

### Responsibility

To request a review or access to test, examinations, or course assignments, if they wish such review or access, within the time period appropriate to the grade (i.e., in-course or final).

## 18. Right

To have their views taken into consideration in college-sponsored evaluations of instruction and student-oriented services, and to be assured that their individual contributions will be kept confidential.

### Responsibility

To participate in such evaluations when requested.

## 19. Right

To have graded work returned in a timely manner throughout the semester and specifically, to have an indication of your level of performance in a course prior to the last day to voluntarily withdraw from courses.

### Responsibility

To submit work in a timely fashion, in accordance with deadlines in the course outline; to know the add, drop and withdrawal dates posted in the calendar; to seek feedback from the instructor and from various academic resources as strategies to improve performance; to make informed choices about your course registrations in response to feedback about their performance.

# PROGRAMS



# ACADEMIC UPGRADING

## **Academic Advising Office**

Medicine Hat Campus - 403.529.3819 or [info@mhc.ab.ca](mailto:info@mhc.ab.ca)

Brooks Campus - 403.362.1682 or [brooksinfo@mhc.ab.ca](mailto:brooksinfo@mhc.ab.ca)

## **Academic Upgrading**

Academic Upgrading courses are offered at MHC through our partnerships with Coulee Collegiate and Sunrise Collegiate schools. These courses can be used to meet admission requirements to qualify for acceptance into college or university programs at MHC or other institutions. All high school courses taken under these partnerships are credit based and may contribute to the 100 credits needed to receive a high school diploma.

For students who are age 19 and younger as of September 1st of the current school year, there are no costs to take classes in this program!

### **Coulee Collegiate (CC)**

Located on the college campus in Medicine Hat, CC offers flexible distance and classroom learning options for outreach students and adult learners. Students benefit from the flexible and supportive Coulee Collegiate learning environment and access to all MHC services.

More information about CC can be found on their website – [couleecollegiate.com](http://couleecollegiate.com)

Email: [CouleeCollegiateSecretary@prrd8.ca](mailto:CouleeCollegiateSecretary@prrd8.ca)

Phone: 403.526.4156

### **Sunrise Collegiate (SC)**

Located on the MHC Brooks campus, SC offers an innovative approach for distance education. Using a combination of modular/online learning approaches, as well as in-person tutorials and support on the Brooks campus, they deliver a personalized academic support for outreach students and adult learners.

More information about SC can be found on their website – [sunrisecollegiate.grasslands.ab.ca](http://sunrisecollegiate.grasslands.ab.ca)

Email: [chris.zottl@grasslands.ab.ca](mailto:chris.zottl@grasslands.ab.ca)

Phone: 403.793.2025

All Academic Upgrading students are encouraged to meet with an academic advisor prior to applying to Coulee or Sunrise Collegiate.



# ADMINISTRATIVE OFFICE MANAGEMENT DIPLOMA

## Academic Advising Office

Phone: 403.529.3819

The Administrative Office Management Diploma is designed to provide students with the potential for obtaining a managerial, supervisory or leadership role in an office environment. In addition to technical office skills, they will learn management theory, supervision, human resource management, leadership, and group dynamics.

## Admission Requirements

### High School Route

- ELA 30-1 or ELA 30-2
- Math 10C

### Mature Student Route

- ELA 30-1 or ELA 30-2
- Math 10C

### Transfer Route

Completion of a one-year Administrative Office Professional certificate program.

## Program Requirements

### First Year (Administrative Office Professional Certificate)

#### Fall

APRO 108	Keyboarding/Desktop Publishing I
APRO 125	Office Communications I
APRO 131	Office Applications I
APRO 140	Bookkeeping I
APRO 167	Office Relations

#### Winter

APRO 109	Keyboarding/Desktop Publishing II
APRO 133	Office Applications II
APRO 145	Bookkeeping II
APRO 155	Office Communications II
APRO 190	Work Experience
APRO 210	Payroll Compliance Legislation

### Second Year (Administrative Office Management)

APRO 200	Payroll Fundamentals I
MGMT 161	Management Theory
MGMT 220	Project Management
MGMT 243	Human Resources
MKTG 171	Marketing

#### Winter

APRO 220	Payroll Fundamentals II
MGMT 263	Organizational Behaviour
MGMT 267	Leadership Development
MKTG 251	Digital Design for Marketing
MGMT XXX	Business Elective

### Approved Business Elective

COMM 140, COMM 250
FNSV 210
MGMT 395
MKTG 345

#### Spring

OMGT 235	Work Experience
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## Continuation Requirements

Generally, prerequisite grades must be "C-" or higher; however, some classes require a higher grade. Check course descriptions for individual courses. In Administrative Office Professional courses and Administrative Office Management courses, students must have a minimum of a "C" grade as a prerequisite for the next level.

## Graduation Requirements

To successfully complete the **Administrative Office Management Diploma**, students must:

- successfully complete the Administrative Office Professional certificate minimum grade of a C, plus the 10 second year courses as outlined
- attain a minimum cumulative GPA of 2.0
- obtain no more than one D or D+ grade in the second year of the diploma
- obtain a minimum of CR in OMGT 235

## Transfer & Pathways

Students should consult Transfer Alberta for information regarding transfer credit and pathways for programs and individual courses.

### Athabasca University

Students may be eligible to receive 30 credits from the Administrative Office Management Diploma into Bachelor of Professional Arts - Communication Studies Major. Students should contact an AU Academic Advisor for further information.

# ADMINISTRATIVE OFFICE PROFESSIONAL CERTIFICATE

## Academic Advising Office

Phone: 403.529.3819

The Administrative Office Professional program will provide students with the necessary computer skills, office skills and practical on-the-job work experience required for employment in today's office.

After completing the Administrative Office Professional certificate program, students may enter the workforce, or, if they wish to increase their advancement opportunities and work responsibilities, they may consider taking the second year of either the Administrative Office Management Diploma. If students wish to pursue this diploma program, please ensure they have the admission requirements.

The Administrative Office Professional program develops employees for today's challenging and ever-changing business office. At graduation, students will have the knowledge and skills required for entry-level office jobs. They will be prepared to manage information in an office; organize and maintain paper and electronic files; manage projects; provide information by using the telephone, postal service, or email; and perform bookkeeping and computer tasks. They will exhibit strong listening, written, oral and interpersonal skills and will be adept at working with others to achieve goals and objectives.

Besides gaining the most current office education, students will gain on-the-job work experience in a business environment. While enrolled in the program, they will complete an office work experience during the first semester and during the final semester.

This program provides practical skills that can be immediately applied to numerous job situations. Students are encouraged to combine their background in other fields with an Administrative Office Professional Certificate to enhance job prospects.

## Career Opportunities

Graduation from the Administrative Office Professional program will prepare students for office employment in numerous fields.

Accounting  
Agriculture  
Automobile Dealerships  
Banking  
Bookkeeping  
Business  
Computer Consultants  
Dental  
Education - School  
Education - College/University

Government  
Insurance Agencies  
Legal  
Medical  
News Industry  
Oil field Companies  
Police and Security  
Printers/Printshops  
Real Estate  
Retail

## Admission Requirements

### High School Route

- ELA 30-1 or ELA 30-2
- Math 10C

### Mature Student Route

- ELA 30-1 or ELA 30-2
- Math 10C

## Program Requirements

### Fall

APRO 108	Keyboarding/Desktop Publishing I
APRO 125	Office Communications I
APRO 131	Office Applications I
APRO 140	Bookkeeping I
APRO 167	Office Relations

### Winter

APRO 109	Keyboarding/Desktop Publishing II
APRO 133	Office Applications II
APRO 145	Bookkeeping II
APRO 155	Office Communications II
APRO 190	Work Experience
APRO 210	Payroll Compliance Legislation

\* Includes customer service training during the semester, followed by work experience at the end of the semester.

## Continuation Requirements

Must have a minimum of a "C" grade in all courses.

## Graduation Requirements

To successfully complete this program you must:

- achieve keyboarding skill at a minimum of 45 wpm with 97% accuracy
- attain a minimum cumulative GPA of 2.0

# ADVANCED ACCOUNTING POST-DIPLOMA CERTIFICATE

## Academic Advising Office

Phone: 403.529.3819

This certificate serves as a stand-alone certificate that builds on student knowledge of accounting theory and application and/or as a bridge for students pursuing CPA designation and completion of a business degree. In addition, the certificate includes a work integrated learning course that provides students with a hands-on learning opportunity where theory and practice are integrated. The program also includes courses that build on critical thinking skills that can be applied in the field and in further study.

This certificate program will also include internship opportunities with participating employers in our region.

## Admission Requirements

Graduation from a Business Administration diploma in Accounting or equivalent at an accredited post-secondary institution with completion of the following courses (or their equivalents) with a grade of C (60%) or higher:

ACCT 213 & 215  
MGMT 284 & 285  
FINA 255

## Program Requirements

### Fall

ACCT 328 Management Accounting II  
ACCT 428 Introduction to Personal & Corporate Income Tax  
ACCT 431 Advanced Financial Accounting  
MGMT 326 Management Information Systems  
MGMT 440 Operations Management

### Winter

ACCT 422 Principles of Auditing  
ACCT 432 Advanced Managerial Accounting  
MGMT 433 Strategic Management  
ACCT 390 Work Integrated Learning

### Spring

MGMT 336 Data Analysis and Information Systems

## Graduation Requirements

To successfully complete this program students must:

- attain a minimum cumulative GPA 2.0
- achieve no grade lower than C-

Students should be advised that a passing grade at Medicine Hat College for non-prerequisite courses is a 50%. However, CPA Alberta requires that students earn a minimum grade of 60% (C grade) in the courses required for admission to the PEP program. For more information, please refer to CPA Alberta's website.

# APPRENTICESHIP

## Academic Advising Office

Phone: 403.529.3819

The following information is drawn from [www.tradesecrets.alberta.ca](http://www.tradesecrets.alberta.ca). For additional information about the apprenticeship systems contact:

### Apprenticeship Training Centre, Medicine Hat

3021 Dunmore Rd SE  
 MEDICINE HAT, AB T1B 2H2  
 Phone: 403.525.3100  
[www.tradesecrets.alberta.ca](http://www.tradesecrets.alberta.ca)

Apprenticeship is an education and training system that teaches trade knowledge and skills through on-the-job training and formal instruction. About 80% of the instruction is done on-the-job training, provided by an employer, where the apprentice is supervised by a journeyman. The remaining 20% of the training involves formal instruction, provided by various post-secondary institutions.

\* Please note the 1st year of technical training for Plumber, Gasfitter, Steamfitter/Pipefitter and Sprinkler Systems Installer is a common first year. Please contact AIT (Apprenticeship & Industry Training) for more information.

## Admission Requirements

To become an apprentice, you must be a Canadian citizen, at least 16 years old, and have the education required for the trade.

Students must present a transcript of their school marks to the local apprentice office when they apply for apprenticeship. If you can not get a school transcript, they will have to write an entrance examination. If they do not pass this exam, they must take the necessary upgrading courses.

Students must find suitable employment with an employer who is a journeyman or employs a journeyman in the trade of their choice. Once employed, apprenticeship application forms must be signed by the student and their employer. These forms are available from the AIT regional offices.

If students think they have related work experience and/or training which could be credited toward their apprenticeship, they should discuss it with their employer and request credit on the application form.

Once their application for apprenticeship is approved and your school transcripts or entrance exam marks are recorded, final approval is given and contracts are drawn up.

Out of province students must contact a provincial Apprenticeship Office.

PROGRAMS	RECOMMENDED PATH Alberta High School Diploma with:	MINIMUM REQUIREMENTS Successful Completion of:
<b>GROUP 1</b> Carpenter Welder	<ul style="list-style-type: none"> <li>English 30-2</li> <li>Math 30-3</li> <li>Physics 20 OR Chemistry 20 OR Science 20</li> <li>Related Career and Technology Studies courses</li> </ul>	<ul style="list-style-type: none"> <li>English 10-2</li> <li>Math 10-3</li> <li>OR</li> <li>A pass mark in all five Canadian (GED) tests OR Entrance Exam</li> </ul>
<b>GROUP 2</b> Automotive Service Technician Electrician Gasfitter (1st year only) Heavy Equipment Technician Plumber Sprinkler Systems Installer (1st year only) Steamfitter-Pipefitter	<ul style="list-style-type: none"> <li>English 30-2</li> <li>Math 30-3</li> <li>Physics 30 OR Chemistry 30 OR Science 30</li> <li>Related Career and Technology Studies courses</li> </ul>	<ul style="list-style-type: none"> <li>English 20-2</li> <li>Math 20-3</li> <li>Science 10 OR Entrance Exam</li> </ul>

# APPRENTICESHIP

## Advancing through the Apprenticeship process

To progress from one period of training to the next, an apprentice must:

- successfully complete the formal instruction
- have the required hours of on-the-job training and a satisfactory report from the supervisor
- pass the apprenticeship examination for the period of training (70%)
- have the record book stamped by the nearest Career Development Centre, Alberta Advanced Education – Apprenticeship and Industry Training (AIT)

The employer will:

- update the apprentice's record book, recording the on-the-job training provided, hours worked, type of work performed and evaluate the apprentice
- forward the record book to the nearest Career Development Centre, AIT for stamping

After completing these steps, an apprentice's wages should increase to the next level for that trade. The level may differ with each employer, but are based on the journeyman wage rate at that company.

An Alberta Journeyman Certificate is granted to an apprentice who:

- completes the required hours of on-the-job training and receives a satisfactory report from the supervisor
- successfully completes the formal instruction
- passes all required examinations
- has forwarded his/her record book to the Career Development Centre, AIT for completion

When an apprentice receives an Alberta Journeyman Certificate, he/she can use the term "certified" with the name of the trade, and journeyman wages should now be paid.

## Continuation Requirements

Following Alberta Apprenticeship and Industry Training (AIT) specifications (a minimum of 50% in each section of a course of studies and a minimum of 65% average in the course as a whole) and using MHC's Academic Standard Grading System (see Academic Regulations section of the MHC calendar), a student will be deemed to have passed their 4-12 weeks of training at MHC if they achieve a grade of C+ or greater.

Students' eligibility to proceed to the next period of technical training will be documented in each apprentice's record with Apprenticeship and Industry Training (AIT). Apprentices may access this information using their AIT login information at [www.tradesecrets.alberta.ca/mytradesecrets](http://www.tradesecrets.alberta.ca/mytradesecrets).

## Apprenticeship Registration and Fees

Seats are filled on a first come first served basis. A \$250 non-refundable deposit is due upon registration. The balance of tuition is due four weeks prior to the first day of classes. Unpaid tuition will result in an automatic withdrawal from class and your seat will be offered to the next person on the waitlist. No refunds will be issued after the third day of classes.

Apprentice Fees				
Weeks	Tuition	Consumable Fee	SA Fee	Total Fees
4	\$ 515.84	\$ 88.66	\$ 31.20	\$ 635.70
8	\$ 1,031.44	\$ 88.66	\$ 81.90	\$ 1,202.24
12	\$ 1,547.52	\$ 88.66	\$ 117.00	\$ 1,753.18

Advancement and graduation requirements for the following apprenticeship programs

:

- Automotive Service Technician
- Carpenter
- Electrician
- Heavy Equipment Technician
- Plumber
- Steamfitter/Pipefitter
- Welder

- Please note: Books and supplies are not included and vary with each trade

## Funding

Detailed financial assistance information for apprentices can be found at [www.tradesecrets.alberta.ca](http://www.tradesecrets.alberta.ca)

# APPRENTICESHIP AUTOMOTIVE SERVICE TECHNICIAN

## Academic Advising Office

Phone: 403.529.3819

The term of apprenticeship for an automotive service technician is 4 years (four 12-month periods) including a minimum of 1560 hours of on-the-job training and 8 weeks of technical training each year.

Automotive Service Technicians perform preventative maintenance, diagnose faulty operations, and make repairs to automotive vehicles and light trucks.

Automotive service technicians adjust, test and repair engines, transmissions, steering systems, brake systems, drive trains, vehicle suspensions, electrical systems and air conditioning systems, and do wheel alignments. In large shops, they sometimes specialize in repairing, rebuilding and servicing specific parts (e.g., transmissions, engines, electrical components). In smaller shops, automotive service technicians may work on a wider variety of repair jobs.

Automotive service technicians begin by reading the work order and examining the vehicle. To locate the cause of faulty operation and repair it, they:

- use testing equipment, take the vehicle for a test drive, and/or refer to manufacturers' specifications and manuals
- dismantle faulty assemblies, repair or replace worn or damaged parts and
- reassemble, adjust and test the repaired mechanism

Automotive service technicians also may perform scheduled maintenance services such as oil changes, lubrications and tune ups; and advise customers on work performed, general vehicle conditions and future repair requirements.

## Working Conditions

Most automotive service technicians generally work a 40-hour, five-day week. The work is sometimes noisy and dirty.

There is some risk of injury involved in working with power tools and near exhaust gases.

## Skills and Abilities

The work is most rewarding for those who enjoy doing precise work that is varied and challenging. Also, they usually like on-the-job security and a feeling of independence.

To be successful in the trade, automotive service technicians need:

- good hearing, eyesight, and manual dexterity
- mechanical aptitude and interest
- the ability to use proper lifting techniques for items up to 25 kilograms
- the ability to keep up to date with changing technology;
- a working knowledge of electricity, electronics, and computers

The above information was copied from the tradesecrets website. For complete information on being an Automotive Service Technician check the website at [tradesecrets.alberta.ca](http://tradesecrets.alberta.ca).

**Alberta Apprenticeship &  
Training Regional Office  
3021 Dunmore Rd SE  
Medicine Hat AB T1B 2H2  
Phone: 403.525.3100**

[www.tradesecrets.alberta.ca](http://www.tradesecrets.alberta.ca)

# APPRENTICESHIP CARPENTER

## Academic Advising Office

Phone: 403.529.3819

The term of apprenticeship for a carpenter is 4 years (four 12-month periods) including a minimum of 1560 hours of on-the-job training and 8 weeks of technical training each year.

Carpenters construct, erect and repair buildings and other structures made of wood, wood substitutes, steel, and other materials.

Duties vary according to the type of job.

In residential jobs, carpenters crib the basement; build the house framework, walls, roof, exterior and interior finishes; and install doors, windows, flooring, cabinets, stairs, handrails, panelling, moulding, and ceiling tiles.

In commercial or industrial jobs, they build concrete forms, scaffolding, bridges, trestles, tunnels, shelters, towers, and other structures.

In maintenance jobs, they repair and remodel existing structures of all kinds.

Some carpenters specialize in one type of work such as framing, bench work or finishing work.

Most carpentry tasks involve:

- reading blueprints and/or getting instructions from a supervisor
- performing the layout, including selecting materials, planning sequences and methods of work, and measuring / marking materials to avoid costly mistakes or omissions
- cutting and shaping materials and joining them with nails, screws, bolts or glue
- checking completed units to be sure they are level, square, plumb and the right size, shape and location

Carpenters must work accurately and economically, and follow national and local building codes.

## Working Conditions

Carpenters may work alone, in teams or with helpers. Working conditions vary from one job to another. On some jobs carpenters work primarily indoors, are permanently employed and work a regular 40-hour week. On other jobs, they work primarily outdoors, are subject to seasonal unemployment, and routinely work overtime in peak periods.

There is some risk of injury from slips and falls, falling objects, and sharp hand and power tools.

## Skills and Abilities

The work is most rewarding for those who take pride in creating a variety of things with their hands and honing their expertise in woodcraft.

To be successful in the trade, carpenters need:

- the ability to stand, crouch and kneel for long periods of time
- manual dexterity
- balance for working on scaffolding
- the ability to use proper lifting techniques
- the ability to solve arithmetic problems quickly and accurately
- the ability to get along well with others on a work team

The above information was copied from the tradesecrets website. For complete information on being a Carpenter check the website at [www.tradesecrets.alberta.ca](http://www.tradesecrets.alberta.ca).

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# APPRENTICESHIP ELECTRICIAN

## Academic Advising Office

Phone: 403.529.3819

Electricians install, alter, repair, and maintain electrical systems in buildings. These systems may supply heat, light, power, controls and signals, or fire alarms for all types of buildings, structures, and premises.

The term of apprenticeship for an electrician is four years (four 12-month periods) including a minimum of 1560 hours of on-the-job training, eight weeks of technical training in each of the first three years, and a minimum of 1440 hours of on-the-job training and 12 weeks of technical training in the fourth year.

Electricians:

- read and interpret electrical, mechanical, and architectural drawings and electrical code specifications to determine wiring layouts
- cut, thread, bend, assemble and install conduits and other types of electrical conductor enclosures and fittings
- pull wire through conduits and holes in walls and floors
- position, maintain and install distribution and control equipment such as switches, relays, circuit breaker panels and fuse enclosures
- install, replace, maintain and repair electrical systems and related electrical equipment
- install data cabling
- splice, join, and connect wire to form circuits
- test circuits to ensure integrity and safety
- install and maintain fibre optic systems
- install, replace, maintain, and repair renewable power sources and related equipment

Some electricians specialize in:

- residential (housing developments)
- commercial (office buildings)
- institutional (hospitals)
- industrial (plants, factories)

## Working Conditions

Electricians may be involved in construction or maintenance, or do a variety of electrical work. Electricians usually work a 40-hour, five-day week. Especially in construction, there may be no guarantee of permanent work. Working conditions can change dramatically from one job to another, varying from indoors in clean conditions to outdoors on scaffolding, to indoors in cramped conditions. There is some risk of injury from accidental electric shock.

## Skills and Abilities

To be successful in their trade, electricians need:

- good communication and reading skills
- an aptitude for math
- mechanical ability
- strength and manual dexterity
- the ability to distinguish colours to work with colour-coded wiring
- the ability to work at heights
- the ability to use proper lifting techniques for weights up to 25 kilograms
- the ability to get along well with co-workers
- the willingness to keep up with new developments in the field
- the ability to create new ways of doing things
- the ability to do very precise work expertly

Those who install or maintain equipment in existing homes or businesses also must be neat, friendly and able to deal with customers courteously.

The above information was copied from the Tradesecrets website. For complete information on being an Electrician check the website at [www.tradesecrets.alberta.ca](http://www.tradesecrets.alberta.ca).

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# APPRENTICESHIP

## HEAVY EQUIPMENT TECHNICIAN

**Academic Advising**  
Phone: 403.529.3819

The term of apprenticeship for a heavy equipment technician is four years (12-month periods) including a minimum of 1500 hours of on-the-job training and 8 weeks of technical training each year.

Heavy Equipment Technicians maintain, repair, and overhaul heavy vehicles and industrial equipment.

Maintenance and repair of vehicles and equipment may include:

- internal combustion engines and components, both stationary and mobile
- tracked-equipment, commonly called crawler tractors
- ground-engaging equipment and components
- earth-moving equipment
- rubber-tired equipment, commonly called tractors
- on and off-highway motor vehicles, commonly called trucks
- towed on and off-highway vehicles, commonly called trailers

In general, heavy equipment technicians:

- interpret work orders and technical manuals
- keep equipment cleaned, lubricated and maintained
- diagnose faults or malfunctions
- adjust equipment and repair or replace defective parts, components or systems
- test repaired equipment for proper performance and ensure that the work done meets manufacture specifications and legislated regulations
- write service reports

### Working Conditions

The working environment for heavy equipment technicians varies considerably from one job to another. Some heavy equipment technicians work in modern laboratories, while others work at construction or industrial sites. Travel requirements and hours of work also vary.

There is some risk of injury involved in working with heavy equipment and power tools. However, proper safety standards are maintained at all times.

### Skills and Abilities

The work is most rewarding for those who enjoy achieving expertise with precise work, problem solving, and working with their hands.

To be successful in the trade, heavy equipment technicians need:

- good vision, hearing, and sense of smell to diagnose problems
- the strength and stamina required to work with heavy equipment and work in cramped or awkward positions
- the ability to work alone or as part of a team
- mechanical ability and an interest in all types of machinery and engines, electronics, and precision equipment
- the ability to think logically and keep up with changes in technology

The above information was copied from the tradesecrets website. For complete information on Heavy Equipment Technician check out the website at [www.tradesecrets.alberta.ca](http://www.tradesecrets.alberta.ca).

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# APPRENTICESHIP PLUMBER

## Academic Advising Office

Phone: 403.529.3819

The term of apprenticeship for a plumber is four years (four 12-month periods) including a minimum of 1500 hours of on-the-job training and eight weeks of technical training each year.

An applicant who is not already certified in Alberta as a gasfitter (A) or (B) will complete an apprenticeship program that includes both the plumber and gasfitter (B) trades.

Plumbing is one of the “pipe trades.” Plumbers plan, install, and service plumbing systems, fixtures, piping equipment and controls. The piping systems may be used to transport water, waste, gases or hot liquids.

On a typical construction job, plumbers do the roughing in after the frame and roof of a new building are in place. In other words, they:

- study the building plans and specifications to determine the layout for the plumbing and other materials
- locate and mark the positions for connections and fixtures
- cut holes through walls and floors to accommodate pipes
- select the type and size of pipe required, and measure, cut, thread, bend, clamp, solvent cement, or solder pipe
- assemble and install valves and fittings
- join pipe sections and secure them in position
- test pipe systems for leaks
- install underground storm sanitary and water piping system

Plumbers return to the construction site after the plasterers or drywallers, tile setters and floor covering installers have completed their work to do the finishing work such as installing sinks, tubs, and toilets.

Plumbers may specialize in:

- installing water conditioners
- installing plumbing in houses under construction
- installing plumbing in commercial, institutional, industrial or public buildings
- renovating, maintaining, and repairing existing plumbing
- installing hydronic heating and chilled water systems
- installing Sustainable Technologies

## Working Conditions

The working conditions for plumbers vary from one job to another. There is little protection from the weather when a plumber is roughing-in, more protection for finishing, and often comfortable conditions for maintenance and repair work. In smaller communities, plumbers generally do a wider variety of plumbing and plumbing-related jobs such as installing private sewage disposal systems and potable water distribution systems.

There may be some risk of injury involved in working with rough metals, power tools, and pipe-joining equipment.

## Skills and Abilities

The work is most rewarding to people who enjoy using their specialized skills in a variety of working conditions and working with little supervision.

To be successful in the trade, plumbers need:

- physical stamina required to use proper lifting techniques for heavy pipes weighing in excess of 25 kilograms
- be on your feet for long periods sometimes work in cramped positions
- mechanical ability
- the ability to work alone or with others

The above information was copied from the tradesecrets website. For complete information on being a Plumber check out the website at [www.tradesecrets.alberta.ca](http://www.tradesecrets.alberta.ca).

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# APPRENTICESHIP PRE-EMPLOYMENT

## **Continuing Studies**

**Program Administrator, Medicine Hat Campus**

*Phone: 403.502.8975*

**Program Administrator, Brooks Campus**

*Phone: 403.362.1675*

Pre-employment trades programs are designed to help you become more marketable when seeking employment in the trades. The pre-employment program covers the same material as our traditional apprenticeship program, but students do not have to be employed/indentured to be accepted to this training. Students who successfully complete and pass the program will have skills equivalent to a first year trades apprentice and will be eligible to write the Alberta Apprenticeship & Industry Training First Period Theory Exam for the trade. In addition to the course content offered in the first year apprenticeship program, our pre-employment program includes many additional hours of hands-on practice and safety training. Our pre-employment programs may be offered on a full-time, or part-time basis.

Pre-employment programs are student loan eligible. Please contact the Financial Aid Office for more information at 403.504.3594.

For more information on pre-employment programs and when they are offered contact Continuing Studies or visit their website at [www.mhc.ab.ca/continuingstudies](http://www.mhc.ab.ca/continuingstudies).

# APPRENTICESHIP STEAMFITTER/PIPEFITTER

## Academic Advising Office

Phone: 403.529.3819

The term of apprenticeship for a steamfitter/pipefitter is four years (four 12-month periods) including a minimum of 1560 hours of on-the-job training and eight weeks (240 hours) of technical training each year.

Steamfitters/pipefitters lay out, assemble, fabricate, maintain, and repair piping systems that carry water, steam, chemicals or fuel used in heating, cooling, lubricating, and other processes.

The graduate of the Steamfitter/Pipefitter apprenticeship program is a certified journey person who will be able to:

- install and maintain high pressure and low pressure steam and hot liquid systems, including various process and industrial
- fabricate, join and install any pipe system used for various purposes in buildings, using any type of pipe including steel, alloy, cast iron, copper or plastic, etc.
- provide safe and efficient systems which function in conjunction with other systems
- comply with rules and codes governing installations
- read and interpret plans, specifications and working drawings and prepare layouts
- be proficient with the safe use of hand and power tools and equipment
- calculate material quantities and compile material lists
- install components according to specifications and assume responsibility for the end product
- relate to job situations and other trades that precede or follow
- understand the fundamental of operating a small business
- perform assigned tasks in accordance with quality and production standards required by industry
- rig and perform complex critical lifts with crane operators

Steamfitter/pipefitters also remove and replace worn components, do general maintenance work, and may work on plant shut-downs.

## Working Conditions

Steamfitter/pipefitters work both indoors and outdoors at physically demanding tasks that often require climbing. They work approximately 40+ hours a week, with overtime sometimes required to meet construction deadlines. Construction contractors may require employees to travel and live in rented accommodation or at a company on-site camp.

There is some risk of injury involved in working with power tools, and heavy equipment.

## Skills and Abilities

The work is most rewarding for those who enjoy working with little direction or supervision.

To be successful in their trade, steamfitter/pipefitters need:

- physical strength, stamina, and the use of proper lifting techniques required to manage heavy materials and stand for long periods
- manual dexterity
- mechanical aptitude
- the ability to read and understand complex instructions and blue prints
- the ability to do careful and exacting work

The above information was copied from the Tradesecrets website. For complete information on being a Steamfitter/Pipefitter check out the website at [tradesecrets.alberta.ca](http://tradesecrets.alberta.ca).

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# APPRENTICESHIP WELDER

## Academic Advising Office

Phone: 403.529.3819

The term of apprenticeship for a welder is three years (three 12-month periods) including a minimum of 1560 hours of on-the-job training and eight weeks of technical training each year.

If carpenters are “builders”, then welders are “joiners.” They join and sever metals in beams, girders, vessels, piping, and other metal components. They also make metal parts used in construction and manufacturing plants, and/or weld parts, tools, machines, and equipment.

Welding usually involves applying heat to metal pieces to melt and fuse them together.

Welders use different welding processes and fillers, depending upon the type of metal, its size and shape, and requirements for finished product strength. For a typical welding project, they:

- develop patterns for projects or follow directions given in layouts, blueprints, and work orders
- clean, check for defects, and shape component parts, sometimes using a cutting torch
- weld parts together

Welders may also build up worn parts by welding layers of high-strength hard-metal alloys onto them.

## Working Conditions

Welders work in a wide variety of work environments. They may work outdoors on construction sites or indoors in production and repair shops. Travel may be required on jobs such as oilfield-related welding. A 40-hour work week is normal, but overtime is sometimes required.

There is some risk of injury involved working with torches and hot metals and the resulting sparks and toxic gases.

## Skills and Abilities

The work is most rewarding for those who enjoy building things and working with little direction or supervision.

To be successful in this trade you require:

- manual dexterity
- good vision (glasses are acceptable)
- hand-eye coordination
- the ability to concentrate on detailed work
- patience

The above information was copied from the Tradesecrets website. For complete information on being a Welder check out the website at [tradesecrets.alberta.ca](http://tradesecrets.alberta.ca).

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# ART AND DESIGN - BACHELOR OF APPLIED ARTS

## APPLIED DEGREE

### Academic Advising Office

Phone: 403.529.3819

Medicine Hat College offers a Bachelor of Applied Arts (Art and Design - BAA (AD) degree program, which can be completed in three years. If students have already completed a two-year diploma in art, design, or a related field, Medicine Hat College offers a broad range of university transfer art, art education, and design courses.

### Program Philosophy

At Medicine Hat College, the fine arts and design are integral parts of the program. Instructors strive to integrate the fine arts and design throughout their courses. Moreover, our instructors attempt, wherever appropriate and possible, to integrate the most recent advances in technology. This combination of fine art, design, and technology will help prepare students for the contemporary workplace. Today's art and design professionals are often required to be involved in the entire creative and technical process, from concept through to production, in media and forms that are no longer just two-dimensional, static, and print-based, but which now include virtual space, digital media, and inter activity.

### VASS (Visual Arts Student Society)

VASS is an organization dedicated to the promotion and support of all visual arts students at the College. Any student taking at least one course offered by the Art and Design program is automatically a member. VASS has an executive council, class representatives, and a faculty advisor, all elected by the VASS student membership at the beginning of each new school year. Beyond providing a strong voice in ensuring the quality of their education, VASS works to provide support, including fund raising support, for everything from student activities (student art shows, for example) to the supply of resources (special lab equipment, for example). All visual arts students are encouraged to become involved.

### Career Opportunities

Art and design graduates have had excellent success in securing employment, both freelance self-employment and employment within existing firms and industries. Employment opportunities are available in a variety of workplace locations, including print shops, design studios, publishing houses, film studios, television stations, theatres, museums and art galleries, and other places involved in visual and digital production.

## Admission Requirements

### High School Route

- ELA 30-1 or ELA 30-2

## Program Requirements

### FIRST YEAR

Academic Term I

#### Fall

ARDR 241 Drawing I  
ARFN 211 Digital Fundamentals  
ARFN 231 2D Fundamentals I

One of:

ARHI 201 World Art Before 1300 CE  
ARHI 204 Introduction to Canadian Art

One of:

ENGL 123 Fundamentals of Writing and Speech  
ENGL 202 The Art of the Story  
ENGL 203 Identity and Invention  
Any 200-level English  
TCOM 111 Technical Communications for Arts Students

Academic Term II

#### Winter

ARDE 213 Typography I  
ARDR 243 Drawing II  
ARFN 233 3D Fundamentals

One of:

ARHI 203 World Art Since 1300 CE  
ARHI 317 Modern Art

One of:

ENGL 125 Introductory Report Writing and Speech  
ENGL 202 The Art of the Story  
ENGL 203 Identity and Invention  
Any 200-level English  
FILM 201 Introduction to Film

### SECOND YEAR

Academic Term III

#### Fall

ARDE 327 Print Production  
ARDE 331 Graphic Design I  
ARDE 394 Portfolio and Work Term Preparation  
ARHI 309 Design History  
Art Studio Elective  
Art Studio Elective

Academic Term IV

#### Winter

ARDE 333 Graphic Design II  
ARHI 300 Methods in Art History  
Art Studio Elective  
Art Studio Elective  
Art Studio Elective

Academic Term V

#### Spring/Summer

ARDE 395 Applied Art and Design - Work Term I

### THIRD YEAR

Academic Term VI

#### Fall

ARDE 396 Applied Art and Design I  
Art Studio Elective  
Art Studio Elective  
Art Studio Elective

One of:

MGMT 270 Entrepreneurship  
MKTG 171 Marketing  
MKTG 355 Creating Brand Intelligence

\*University of Lethbridge Dual Admission. Students must take an Approved Elective, please consult an Academic Advisor for a list of approved classes.

# ART AND DESIGN - BACHELOR OF APPLIED ARTS APPLIED DEGREE

Academic Term VII

## Winter

ARDE 496 Applied Art and Design II  
ARDE 498 Special Projects and Exhibition I  
ARDE 499 Special Projects and Exhibition II  
Art Studio Elective  
Art Studio Elective

Academic Term VIII

## Spring/Summer - Applied Degree Route

ARDE 495 Applied Art and Design – Work Term II

### Art Studio Elective Course List

#### Visual Arts Studio

ARDR 341 Figure Drawing  
ARDE 315 Typography II  
ARDR 343 Mixed Media  
ARFA 304 Sculpture I  
ARFA 305 3D Design I  
ARFA 351 Painting I  
ARFA 353 Painting II  
ARFA 357 Illustration I  
ARFA 372 Relief Printmaking I  
ARFA 377 Serigraphy I  
ARFA 378 Serigraphy II  
ARFA 379 Intaglio I  
ARFA 380 Intaglio II  
ARFA 407 3D Design II  
ARFA 408 Sculpture II  
ARFA 490 Directed Study  
ARPH 335 Photography I  
ARPH 337 Photography II

#### Electronic & Related

AREL 329 Web Design Fundamentals  
AREL 338 Motion Design I  
AREL 365 Video I  
AREL 429 UI/UX  
AREL 438 Motion Design II

NOTES: You may consult the Art and Design Coordinator/Academic Advisor to assist you with course selection at any time.

This program may also be completed on a part-time basis. You must devise a recommended plan of study with the assistance of an Academic Advisor.

## Work Terms

The BAA (AD) program requires the completion of two, 3 to 4 month Work Terms (ARDE 395 and ARDE 495). These Work Terms can only be completed after Academic Term IV and at least one of the two Work Terms must be completed prior to the last academic semester (Academic Term VI). These requirements may be adjusted in exceptional circumstances, with the permission of the Dean.

The two applied degree Work Term courses are paid work semesters designed to extend the learning process into the work environment. Medicine Hat College will make every effort to place students; however, work opportunities may fluctuate with a changing labour market. Moreover, students should be aware that work placement opportunities in Medicine Hat are limited and that you may have to relocate to complete work term semesters (work terms can be completed anywhere in Canada or even abroad).

Student should be prepared to cover expenses for placement and should also be prepared to receive trainee or entry-level compensation at their place of employment.

Students register for two Work Term semesters in addition to their academic requirements. Each Work Term is equivalent to 15 credits.

## Graduation Requirements

To successfully complete the **Bachelor of Applied Arts (Art and Design)** degree students must:

- attain a minimum cumulative GPA of 2.0 throughout the program
- achieve passing grades in both Work Terms
- obtain no more than one D or D+ grade in the program
- obtain no D or D+ grades in any core and Art and Design courses (ARDE 331, ARDE 333, ARDE 396, ARDE 496, ARDE 498 and ARDE 499). Should students receive a D or D+ grade in any such core design or Visual Communications course, their will only have one opportunity (excluding “W” grade attempts) to repeat that course and raise its grade
- please note that only one “W” grade is allowed for each of the required core art and design courses (ARDE 331, ARDE 333, ARDE 396, ARDE 496, ARDE 498 and ARDE 499)

## Transfer & Pathways

Students should consult Transfer Alberta for information regarding transfer credit and pathways for programs and individual courses.

### University of Lethbridge

Students may be eligible to apply to the 15 course Post-Diploma Bachelor of Fine Arts – Art Major, 20 course Post-Diploma Bachelor of Fine Arts – Multidisciplinary Major, or 35 course Pre-Post Diploma Bachelor of Fine Arts Bachelor of Education. This pathway is currently under review; please contact [transfer@mhc.ab.ca](mailto:transfer@mhc.ab.ca) for confirmation on status.

### International Transfer Opportunities

#### Griffith University

Graduates are eligible to receive advance standing toward a Bachelor of Design - Visual Communications Design Major. Contact a Medicine Hat College Academic Advisor for further information.

# ARTS (B.A.) UNIVERSITY TRANSFER

If students are interested in learning about the intersecting and divergent perspectives and histories of people and cultures in society; the implications of technological advances on humanity; and intellectual virtues, then an Arts BA degree program is the right pathway for you. The program is designed to prepare students to transfer to another institution after they have completed a maximum of 20 courses at Medicine Hat College. The remaining years of the Bachelor of Arts may be in a range of disciplines; students several courses in at MHC to prepare them for a particular major are psychology, philosophy, sociology, English, and history.

A Bachelor of Arts offers many avenues into community and industry leadership and management roles through its focus on citizenship, community, and understanding an array of perspectives. It can also be used as a pathway into professional, graduate, or post-degree programs in the major studied or other professional fields such as Law, Medicine, or Education, among others. Students intending to pursue professional programs can complete pre-professional requirements within the University Transfer Arts program. Students wishing to pursue a professional program are encouraged to seek the advice of an Academic Advisor prior to selecting their courses, as program requirements change yearly and vary by institution.

## Career Opportunities

Editorial and Publishing Careers  
Professional and/or Technical Writer  
Research Professional

Government and Post-Secondary Sectors  
Public Relations

Non-Profit and Community Development  
Public Relations Consultant

## Career Opportunities through Further Study

Human Resources  
Library Studies  
Project Management and Coordination

Journalism  
Marketing

Law  
Medicine (select programs)

## Transfer Opportunities

Medicine Hat College has transfer agreements with Alberta universities, please refer here for more details:  
[transferalberta.alberta.ca/how-to-transfer/how-transfer-credit-works/](https://transferalberta.alberta.ca/how-to-transfer/how-transfer-credit-works/)

Students can also look to transfer to another university. Students should look at program listings at these universities and consult with an advisor as they make these decisions.

## Admission Requirements

Refer to Admissions Chart on page 18.

The University Transfer program at Medicine Hat College provides students with a foundation to be successful in university degrees. The program is possible with the college's participation in Campus Alberta Quality Council. Admission to all university programs in Alberta is competitive and students are responsible for understanding admission and program requirements.

Program requirements change yearly and vary by institution. Students pursuing an undergraduate degree as a learning pathway to a professional program should consult with a Medicine Hat College Academic Advisor and a representative from the institution they wish to attend. University Transfer students need to ensure they meet both the minimum requirements and competitive requirements for admission.

## Course Selection

To facilitate the transfer of courses from Medicine Hat College, University Transfer students are encouraged to choose a university and program of study they wish to pursue. Students are responsible for making informed course choices as part of their academic degree planning. Students should consult the University's Academic Calendar to determine admission and course requirements and use the Transfer Alberta Search Database online to determine Medicine Hat College course equivalents. A Medicine Hat College Academic Advisor or the University's Academic Advisor can help students interpret and apply these requirements.



# AVIATION MANAGEMENT CERTIFICATE

## Academic Advising Office

Phone: 403.529.3819

Medicine Hat College, in partnership with Super T Aviation, offers a two year Aviation Management Certificate designed to integrate with the Super T flight training program and prepares students for an exciting career in the aviation industry as a commercial pilot. Students in the Aviation Management Certificate program will take courses that can help them be successful as a commercial pilot including communication in the workplace, management, geography, and advanced aviation topics such as meteorology and aeronautics. Other skills development includes how to think critically, lead small teams, maintain professional ethics, and manage health and wellness. Through this partnership, completion of this certificate and Super T's Integrated Airline Transportation License Program will establish a thorough understanding of the aviation industry in Canada and around the world, as well as aviation safety, regulations, and procedures. Students should be aware that flight training costs through Super T Aviation are not included in the costs of the Aviation Management Certificate. Students should contact Super T Aviation for additional information on costs and structure of the flight training offered.

## Career Opportunities

Career opportunities in the aviation industry are vast and growing in demand. A graduate of MHC's Aviation Management Certificate who also completes flight training through Super T Aviation can expect to find employment as a flight instructor, Medevac pilot, charter pilot, or commuter pilot for smaller airlines. After gaining industry experience and fulfilling required flight time, graduates will be able to apply to work as a pilot for the major airlines. This program would also be an asset for obtaining employment with Nav Canada (the corporation that owns and operates Canada's civil air navigation service).

## Admission Requirements

### High school route

High school diploma with:

- ELA 30-1 or ELA 30-2
- Math 30-1 or Math 30-2
- Science 30 or Physics 20
- Enrolment in the Super T Aviation Integrated Airline License Program

### Mature Route

- ELA 30-1 or ELA 30-2
- Math 30-1 or Math 30-2
- Science 30 or Physics 20
- Enrolment in the Super T Aviation Integrated Airline License Program

## Program Requirements

### Year 1

#### Fall

COMM 140 Communication in the Workplace  
GEOG 201 The Physical Environment  
MATH 150 Technical Math

#### Winter

KNES 247 Intro to Wellness, Fitness and Nutrition  
MICO 191 Introduction to Microcomputers

### Year 2

#### Fall

AMET 200 Advanced Meteorology  
MGMT 161 Management Theory

#### Winter

ADAE 200 Advanced Aeronautics  
COMM 252 Advanced Business Communications  
AMET 201 Aircraft Engineers & Systems

## Continuation Requirements

Completion of Super T Aviation Private Pilot Ground School prior to enrolment in Year 2.

## Graduation Requirements

To successfully complete this program students must:

- attain a minimum cumulative GPA of 2.0
- achieve no grade lower than C-

# BUILT ENVIRONMENT ENGINEERING TECHNOLOGY (BEET) DIPLOMA

**Academic Advising**  
Phone: 403.529.3819

The Diploma in Built Environment Engineering Technology program at Medicine Hat College is a multi-disciplinary program focusing on the core disciplines of the built environment; mechanical engineering technology, civil engineering technology and architectural technology. This program focuses on the fundamental theories and concepts in these core disciplines while learning and applying current technology so that graduates are prepared to enter a professional career as an engineering technician.

Our approach to understanding and modelling the built environment makes the Built Environment Engineering Technology program unique in Canada. Sustainability concepts are introduced early and are then embedded into the Built Environment Engineering Technology program curriculum, recognizing that our built environment, as with its counterpart the natural environment, is a complex ecosystem. The program has been designed to develop critical thinking and problem solving skills to effectively apply technical and theoretical knowledge for a successful career as an engineering technician. The Built Environment Engineering Technology program takes a sustainable approach to product design and manufacturing, civil planning and infrastructure, and architectural technology and construction, and provides understanding of current industry practices.

In addition to developing standard engineering and architectural technical drawings, graduates will be able to use a variety of digital design applications, create three-dimensional objects, use 3D data capture technologies, create presentation graphics and animations, and use multimedia and immersive presentations to help industry promote their ideas and products.

## Career Opportunities

Meaningful and relevant employment prospects exist with consulting engineers, architects, land surveyors, oil and gas industry, mining and manufacturing companies, product & equipment design/manufacturers, process facilities, federal, provincial, and municipal governments. The multi-disciplinary engineering background developed in the program enables students to be employed in research, design, manufacturing and sales promotions. Students may become an important member of any team engaged in supplying the goods and services required by modern technology employers. Graduates of this program have been very successful in finding employment. Completion of the two-year program provides a Diploma in Built Environment Engineering Technology. Graduates can apply for membership in the Association of Science and Engineering Technology Professionals of Alberta (ASET). Guidelines for membership are found on their website at [www.aset.ab.ca](http://www.aset.ab.ca).

## Admission Requirements

### High School Route

High school diploma with:

- ELA 30-1 or ELA 30-2
- Math 30-1 or Math 30-2
- Physics 20

### Mature Route

- ELA 30-1 or ELA 30-2
- Math 30-1 or Math 30-2
- Physics 20

## Program Requirements

### First Year

#### Fall

CADD 101 Drafting I  
CADD 121 CADD Applications I  
CADD 122 CADD Applications II  
CADD 172 Sustainability & Systems Thinking  
CADD 174 CADD Labs  
MATH 150 Technical Math

#### Winter

CADD 102 Drafting II  
CADD 132 Mechanical Design I - Applied Physics  
CADD 151 Technical Communications  
CADD 161 Civil Design I - Civil Design Fundamentals  
CADD 173 Construction Methods  
CADD 182 Building Design I – Building Systems

### Second Year

#### Fall

BEET 201 Digital Design/Presentation  
BEET 231 Mechanical Design II  
BEET 261 Civil Design II  
BEET 271 Design Strategies  
BEET 281 Building Design II

#### Winter

BEET 232 Mechanical Design III  
BEET 242 Piping & Control Systems  
BEET 262 Civil Design III  
BEET 272 Capstone  
BEET 282 Building Design III

# BUILT ENVIRONMENT ENGINEERING TECHNOLOGY (BEET) DIPLOMA

## Graduation Requirements

To successfully complete this program students must:

- attain a minimum cumulative GPA of 2.0
- complete the program with no failures or in completes in the required courses

### Time Limits for Program Completion

You are allowed up to five years to complete the diploma route.

## Transfer & Pathways

Students should consult Transfer Alberta for information regarding transfer credit and pathways for programs and individual courses.

### Athabasca University

Graduates may be eligible for admission into the Bachelor of Professional Arts - Communications Studies Major and transfer 60 credits into this program. Students should contact an AU Academic Advisor for further information.

### NAIT

Graduates may be eligible for admission into the Bachelor of Technology. Please contact NAIT for further information regarding admission into this program. This pathway is currently under review; please contact [transfer@mhc.ab.ca](mailto:transfer@mhc.ab.ca) for confirmation on status.

# BUSINESS ADMINISTRATION DIPLOMA

**Academic Advising**  
Phone: 403.529.3819

The Business Administration Diploma program offers students the comprehensive training and education required to build interesting and rewarding careers in business and industry.

Many of the courses completed in the Business Administration program may be used for credit towards a variety of professional designations and university programs. Students interested in these possibilities, consult with the Business Administration Academic Advisor.

The Business Administration program offers the following majors:

- Accounting
- Financial Services
- Marketing
- Management

All students will be admitted into a common first year. Students will declare a major prior to entering second year classes.

Students who enter the program in January can expect to take a minimum of 2.5 years to complete the program, depending on their major selection.

## Career Opportunities

Graduates with an **Accounting Major** are prepared to find work as a(n):

- Accounting Technician
- Accounts Payable or Accounts Receivable Clerk
- CPA Trainee
- Bookkeeper

Graduates with a **Financial Services Major** are prepared to find work as a(n):

- Financial Advisor
- Credit Officer
- Customer Service Representative
- Loans Officer
- Accounts Manager Trainee
- Personal Financial Services Officer

Graduates with a **Management Major** are prepared to find work as a(n):

- Management Trainee in Financial Institutions, Retail, Wholesale or the Hospitality Industries
- Project Coordinator
- Shipping and Logistics Clerk
- Production Scheduler
- Health Service Administrator
- Operations Manager
- Office Manager
- Entry Level Position in Human Resource Management such as Recruiter Trainer or Personnel Assistant

Graduates with a **Marketing Major** are prepared to find work as a(n):

- Promotions Coordinator
- Public Relations Assistant
- Event Marketing Representative
- Events Coordinator
- Merchandiser/Buyer
- Fund-raiser for Not-For-Profit Agencies
- Researcher for Marketing Organizations
- Marketing Research Analyst

## Admission Requirements

### High School Route

- ELA 30-1 or ELA 30-2
- Math 30-1 or Math 30-2
- Two 30-level, 5-credit subjects

### Mature Student Route

- ELA 30-1 or ELA 30-2
- Math 30-1 or Math 30-2

## Program Requirements

### First Year

#### Fall

ACCT 111	Introductory Accounting I
COMM 140	Communication in the Workplace
ECON 201	Principles of Microeconomics
MGMT 161	Management Theory
MGMT 193	Business Problems Software Applications

#### Winter

ACCT 113	Introductory Accounting II
COMM 252	Advanced Business Communications
ECON 203	Principles of Macroeconomics
MGMT 243	Human Resources Management
MKTG 171	Marketing

## Accounting Major

### Second Year

#### Fall

ACCT 211	Intermediate Accounting I
ACCT 276	Advanced Computerized Accounting
MGMT 263	Organizational Behaviour
MGMT 284	Business Statistics I
MGMT 395	Business Law

#### Winter

ACCT 213	Intermediate Accounting II
ACCT 215	Managerial Accounting
FINA 255	Finance
MGMT 268	Business Integration
MGMT 285	Business Statistics II

# BUSINESS ADMINISTRATION DIPLOMA

## Financial Services Major

### Second Year

#### Fall

ACCT 219	Taxation
MGMT 263	Organizational Behaviour
FNSV 200	Canadian Investment Funds
MGMT 284	Business Statistics I
MGMT 395	Business Law

#### Winter

FINA 255	Finance
FNSV 210	Personal Investing
MGMT 268	Business Integration
MGMT 290	Work Integrated Learning
MKTG 345	Managing Marketing Relationships

## Management Major

### Second Year

#### Fall

FINA 255	Finance
MGMT 263	Organizational Behaviour
MGMT 270	The Entrepreneurial Experience
MGMT 284	Business Statistics I
Business Elective	

#### Winter

COMM 253	Human Relations in the Workplace
MGMT 267	Leadership Development
MGMT 268	Business Integration
MGMT 395	Business Law
Business Elective	

### Business Electives for Management Majors

ACCT 211, ACCT 215, ACCT 219, ACCT 276  
COMM 250  
FNSV 200, FNSV 210  
INBU 330  
MGMT 220, MGMT 285, MGMT 326  
MKTG 251, MKTG 315, MKTG 325, MKTG 345, MKTG 355

## Marketing Major

### Second Year

#### Fall

FINA 255	Finance
MKTG 315	Science of Persuasion
MKTG 325	Evidence-Based Marketing
MGMT 284	Business Statistics I
MKTG 355	Creating Brand Intelligence

#### Winter

MGMT 263	Organizational Behaviour
MGMT 268	Business Integration
MKTG 251	Digital Design for Marketing
MKTG 345	Managing Marketing Relationships
MGMT 395	Business Law

## International Experience Elective

The Business Administration program offers INBU 330 as an elective course. Students interested in an international experience see the Business Administration Coordinator for a course outline.

## Continuation Requirements

Prerequisite grades must be "C-" or higher. For the Administrative Office Professional courses, students must have a minimum of a "C" grade (2.0) as a prerequisite for the next level.

Students should be advised that a passing grade at Medicine Hat College for non-prerequisite courses is a 50%. However, CPA Alberta requires that students earn a minimum grade of 60% (C) grade in the courses required for admission to the PEP program. For more information, please refer to CPA Alberta's website.

## Graduation Requirements

To successfully complete the **Business Administration diploma in Accounting, Financial Services, Management or Marketing**, students must:

- complete a minimum of 20 required Business Administration courses and approved electives
- complete a minimum cumulative GPA of 2.0 (C grade)

To successfully complete a second diploma within the **Business Administration diploma in Accounting, Financial Services, Management or Marketing**, students must meet the MHC residency requirement and:

- complete 4 major specific courses
- complete 4 additional courses approved by the department

## Transfer & Pathways

Students should consult Transfer Alberta for information regarding transfer credit and pathways for programs and individual courses.

### Athabasca University

Graduates may be eligible for transfer credit into the Bachelor of Commerce, Bachelor of Management, and Bachelor of Human Resources / Labour Relations. Students should contact an AU Academic Advisor for further information.

### College of the Rockies

Graduates of the Business Administration diploma majoring in Accounting, Financial Services, Management, or Marketing are eligible for block transfer of course work into the third year of the Bachelor of Business in Sustainable Business Practices. Students must have successfully completed all coursework with a cumulative GPA of 2.3 (C+) with a minimum grade of C on transfer courses. Contact an MHC Academic Advisor or a College of the Rockies Academic Advisor at the for further information.

# BUSINESS ADMINISTRATION DIPLOMA

## **NAIT**

Graduates may be eligible for admission into Bachelor of Business Administration. Please contact NAIT for further information regarding admission into this program. This pathway is currently under review; please contact [transfer@mhc.ab.ca](mailto:transfer@mhc.ab.ca) for confirmation on status.

## **Okanagan College**

Graduates of the Business Administration diploma majoring in Accounting, Financial Services, Management, or Marketing are eligible to apply for admission to the third year of the Bachelor of Business Administration. Students must present a minimum average of 67%. Contact Okanagan College for further information regarding this agreement.

## **Royal Roads University**

Graduates of the Business Administration diploma majoring in Accounting, Financial Services, Management, or Marketing are eligible to enter the third year of the Bachelor of Business Administration in Business and Sustainability or the Bachelor of Commerce in Entrepreneurial Management. Students must present a minimum cumulative GPA of 3.0 and meet all other admission criteria. Contact a Royal Roads University Academic Advisor for further information.

## **University of Lethbridge**

Graduates of the Business Administration Diploma are eligible to apply into the post-diploma Bachelor of Management, subject to qualifying restrictions. Admission to the Post Diploma Bachelor of Management program is guaranteed with a diploma GPA of 3.00 or higher. Students with a diploma GPA below a 3.0 are admitted on a competitive basis. Please contact the U of L for further information.

## **University of Regina**

Graduates of the Business Administration Diploma with a major in Accounting, Financial Services, Management, or Marketing are eligible to apply to the Bachelor of Business Administration (BBA). Students may receive up to 60 credits in transfer credit. A minimum grade of C- is required for consideration. Please contact a MHC Academic Advisor or the U of R for further information.

## **International Transfer Opportunities**

### **Griffith University, Australia**

Graduates with a major in Accounting, Financial Services, Marketing, or Management are eligible to receive advanced standing toward the Bachelor of Business (all majors). Contact a Medicine Hat College Academic Advisor for further information.

# CHILD & YOUTH CARE COUNSELLOR DIPLOMA

## Academic Advising Office

Phone: 403.529.3819

The mission statement of Medicine Hat College's Child & Youth Care Counsellor program is to provide students with transformational learning opportunities, professional development, and foundational theoretical practice in preparing them to support the lives of vulnerable children, youth, and families.

Medicine Hat College's Child and Youth Care Counsellor diploma program has earned accreditation from the Child and Youth Care Educational Accreditation Board of Canada as a provider of quality postsecondary education in the field of Child and Youth Care, effective February 27, 2019 to February 26, 2026.

This accredited diploma program has been designed to develop and enhance the necessary professional aptitude, theoretical knowledge, and practical skills to successfully work in the Child and Youth Care profession. The curriculum prepares our graduates to effectively advocate for children, youth, and families who are experiencing a variety of social, emotional, mental health, and behavioural challenges. The program promotes professional practice, which is inclusive, focuses on the development of therapeutic relationships, and is strength-based in nature. This framework is promoted and explored with the intention to enhance the well-being of children, youth, and families we have the privilege of working with. Students will spend considerable time in lab and field placement settings as well as in the classroom.

The Child and Youth Care Counsellor Program (CYCC) has identified five (5) program wide learning outcomes to prepare students for personal and professional success: Professional Practice, Communication, Self, Theoretical Knowledge, and Assessment and Intervention. In the CYCC curriculum, students will gain knowledge, skills, and competency related to these outcomes.

Students will also gain valuable experience through work integrated learning (practicum) opportunities. The diploma program offers local community placements for three of the four semesters, accumulating over 500 hours of direct experiential learning. This work integrated learning is an integral component of the program, allowing students to directly apply classroom knowledge and skills as they develop their professional identity.

## Career Opportunities

Child and Youth Care Counsellor graduates are in demand across Canada. The scope of potential employment opportunities is broad and includes a variety of settings and roles including:

- Community Based Youth Centres
- Treatment Centres
- School Based Practice
- Mental Health Capacity Building
- Youth Transitioning to Adult Programs
- Family Support and Education Programs
- Friendship Centres
- Family School Liaison
- Youth and Women's Shelters
- Youth Justice
- Child and Family Services

## Admission Requirements

### High School Route

- ELA 30-1 (min. 60%) or ELA 30-2 (min. 70%)
- One 30-level academic subject (min. 60%)
- Three 30-level, 5-credit subjects (min. 60%, maximum of 5-credits of CTS courses)

### Mature Student Route

- ELA 30-1 (min. 60%) or ELA 30-2 (min. 60%)
- One 30-level academic subject

### Transfer Route

- ELA 30-1 or ELA 30-2
- Eight courses from an accredited post-secondary institution with a minimum of a "C" grade

## Pre-Program Requirements

Along with the academic requirements, students must also meet ALL of the following non-academic requirements:

Upon acceptance, and prior to the first day of practicum, students are asked to submit:

- CPR and First Aid Certificates
- Police Information Check (You are obligated to inform the Program Coordinator immediately of any change in the status of your criminal record.)
- Intervention Record Check

## Program Requirements

### First Year

#### Fall

CYCC 111*	The Profession of Child and Youth Care
Junior ENGL	
IDST 100	Introductory Communications for Helping Professionals
KNES 281	Introduction to Movement Activities of Children and Youth
PSYC 201	Introduction to Psychology II - Social Science

#### Winter

CYCC 120	Practicum I
CYCC 122	Working with Vulnerable Children, Youth and Families
CYCC 125	Fundamental Skills in Counselling
Junior ENGL	
MICO 191	Introduction to Microcomputers
PSYC 351	Developmental Psychology

# CHILD & YOUTH CARE COUNSELLOR DIPLOMA

## Second Year

### Fall

CYCC 230	Practicum II
CYCC 233	Legal and Cultural Issues Regarding Children and Youth
CYCC 235	Group Facilitation
CYCC 237	Youth Care Practice with Families
PSYC 357	Human Development

### Winter

CYCC 232	Mental Health & Substance Abuse Issues
CYCC 240	Practicum III
CYCC 245	Assessment and Intervention
PSYC 385	Introduction to Abnormal Psychology

\*All Child and Youth Care Counsellor students are expected to participate in a 1 1/2 day retreat.

## Practicum

The program has a major practicum component. During the first year, students will observe different agencies while gaining information about many others. This experience assists in determining a successful placement in the second year. As part of an integration of practice and theory, students are in practicum placements two days (15 hours) per week for the entire second year of the program. Students will apply for practicum placements and through an interview process must show a high level of commitment and professional suitability to the agency. Students may be placed outside of Medicine Hat for the second year practicum.

As stated in the Child & Youth Care Association of Alberta's Code of Ethics, it is the professional responsibility of members to maintain their personal, physical and emotional well-being. Students are expected to meet the physical demands of meeting clients in their own life space, and to always maintain healthy, professional boundaries. Should the program coordinator judge, in consultation with faculty, that there is evidence that students are professionally unsuitable or a risk to clients, the coordinator may prohibit you from attending or completing a practicum.

## Continuation Requirements

In order to be considered a continuing student of record in the Child and Youth Care Counsellor Program, students must:

- maintain a minimum of a C grade in all Child and Youth Care Counsellor (CYCC) courses
- maintain a minimum cumulative GPA of 2.0 or better in all courses required to complete the program
- complete all prerequisite courses before moving on to the next core CYCC courses

Students are no longer students of record in the CYCC program may apply for readmission to the program. Students may repeat courses only at the discretion, and with the permission, of the Child and Youth Care Counsellor Program Coordinator.

Students that have been absent from the program for one calendar year and are returning to complete a course will be required to successfully complete a comprehensive evaluation. Depending on the outcomes of the evaluation students may be required to successfully complete remediation in preparation to enter the practicum.

## Graduation Requirements

All courses outlined in the calendar must be completed with an overall GPA of 2.0 or higher.

## Transfer & Pathways

Students should consult Transfer Alberta for information regarding transfer credit and pathways for programs and individual courses.

### Athabasca University

Graduates may be eligible for up to 60 credits towards the Bachelor of Professional Arts - Human Services Major. Students should contact an AU Academic Advisor for further information.

### MacEwan University

Graduates may be eligible to transfer into the Bachelor of Child and Youth Care. Students should contact a MacEwan University Academic Advisor for further information. This pathway is currently under review; please contact [transfer@mhc.ab.ca](mailto:transfer@mhc.ab.ca) for confirmation on status.

### Thompson Rivers University

Graduates are eligible to receive advanced credit toward the Bachelor of Health Science or Bachelor of General Studies. Students should contact a TRU Academic Advisor for further information.

### University of Calgary

Graduates may be eligible to apply to the two-year post-diploma Bachelor of Community Rehabilitation (BCR). Please contact a U of C Academic Advisor for further information regarding admission into this program. This pathway is currently under review; please contact [transfer@mhc.ab.ca](mailto:transfer@mhc.ab.ca) for confirmation on status.

## International Transfer Opportunities

### Griffith University, Australia

Graduates are eligible to receive advanced standing toward the Bachelor of Human Services. Contact a Medicine Hat College Academic Advisor for further information.



# COMMERCE/MANAGEMENT (B.COMM; B.MGMT; BBA)

## UNIVERSITY TRANSFER

Success in business rests on a strong foundation of basic business concepts in areas such as accounting, financial services, marketing, human resources, and more. Students planning to pursue a degree in Commerce, Business Administration, or Management. MHC invited them to start taking their degree courses with us before transferring to their university of choice.

A Bachelor of Commerce, Management or Business Administration can be used as a pathway into professional, master's, or after degree programs such as Law, Chartered Professional Accountant (CPA) or Certified Human Resources Professional (CHRP).

### Career Opportunities

Accountant  
Advertising and Account Executive  
Banking and Investing Manager

Economic Development Officer  
Financial Analyst  
General Manager

Human Resources Professional  
Marketing Manager

### Admission Requirements

Refer to Admissions Chart on page 18.

The University Transfer program at Medicine Hat College provides students with a foundation to be successful in university degrees. The program is possible with the College's participation in Campus Alberta. Admission to all university programs in Alberta is competitive and students are responsible for understanding admission and program requirements.

Program requirements change yearly and vary by institution. Students pursuing an undergraduate degree as a learning pathway to a professional program should consult with a Medicine Hat College Academic Advisor and a representative from the institution they wish to attend. University Transfer students need to ensure they meet both the minimum requirements and competitive requirements for admission.

### Course Selection

To facilitate the transfer of courses from Medicine Hat College, University Transfer students are encouraged to choose a university and program they wish to pursue. With this information, students can consult with their Medicine Hat College Academic Advisor for appropriate program planning.

### University Transfer

Students are encouraged to consult the University Academic calendar regarding admission requirements and course selection. A Medicine Hat College Academic Advisor or an University Academic Advisor can help students interpret and apply these requirements. Students are responsible for making informed course choices as part of their academic degree planning. Students may access the Transfer Alberta Search Database online to determine Medicine Hat College course equivalents.

### Potential Degree Pathways

University of Alberta, Alberta School of Business  
Website: [www.ualberta.ca/business](http://www.ualberta.ca/business)

Athabasca University, Faculty of Business  
Website: [www.athabasca.au.ca](http://www.athabasca.au.ca)

University of Calgary, Haskayne School of Business  
Website: [www.haskayne.ucalgary.ca](http://www.haskayne.ucalgary.ca)

University of Lethbridge (Lethbridge and Calgary Campus), Dhillon School of Business  
Website: [www.uleth.ca/dhillon](http://www.uleth.ca/dhillon)

Mount Royal University, Bissett School of Business  
Website: [www.mtroyal.ca](http://www.mtroyal.ca)

# COMPUTER AIDED DRAFTING & DESIGN CERTIFICATE

**Academic Advising Office**  
Phone: 403.529.3819

The Computer Aided Drafting and Design (CADD) certificate program is a multi-disciplinary program focusing on the core disciplines of the built environment; mechanical engineering technology, civil engineering technology and architectural technology. This program concentrates on the foundational theories and concepts in these core disciplines while learning and applying current technology so that graduates may begin their career as an entry level technician. Our approach to understanding and modelling the built environment makes the CADD Certificate program unique. Upon successful completion of all the courses, students will be granted a one-year certificate. Students may enter the work force or continue their studies in the Diploma in Built Environment Engineering Technology program at Medicine Hat College. The CADD certificate program is designed to prepare students for both traditional and technical CADD skills to meet the demand of this dynamic industry. Good opportunities for pay and advancement are available to graduates. As a successful graduate, students will have a basic understanding of CADD technologies; mechanical, civil and architectural technologies; sustainability; and technical drawings. In the second year of the diploma in Built Environment Engineering Technology program, students will learn more advanced skills in engineering, 3D design, modeling and presentation; data capture; mechanical engineering technology, process piping, civil engineering technology, and architectural technology. Upon successful completion of two years at Medicine Hat College students will be awarded a diploma in Built Environment Engineering Technology.

## Career Opportunities

Employment opportunities exist with consulting engineers, land surveyors, oil and gas industry, mining and manufacturing companies, federal, provincial, and municipal governments. The broad engineering background provides students the opportunity to be employed in research, design, manufacturing and sales. Students also have the opportunity to become an important member of any team engaged in supplying the goods and services required by modern technology. Completing the one-year program provides students with eligibility for membership in the Association of Science and Engineering Technology Professionals of Alberta (ASET) after two years of suitable industry experience.

## Admission Requirements

### High School Route

High school diploma with:

- ELA 30-1 or ELA 30-2
- Math 30-1 or Math 30-2
- Physics 20

### Mature Student Route

- ELA 30-1 or ELA 30-2
- Math 30-1 or Math 30-2
- Physics 20

## Program Requirements

### Fall

CADD 101 Drafting I  
CADD 121 CADD Applications I  
CADD 122 CADD Applications II  
CADD 172 Sustainability & Systems Thinking  
CADD 174 CADD Labs  
MATH 150 Technical Math

### Winter

CADD 102 Drafting II  
CADD 132 Mechanical Design I - Applied Physics  
CADD 151 Technical Communications  
CADD 161 Civil Design I - Civil Design Fundamentals  
CADD 173 Construction Methods  
CADD 182 Building Design I – Building Systems

## Continuation Requirements

Students may enroll in the Built Environment Engineering Technology program after successful completion of year one. See the Built Environment Engineering Technology program for further program information.

## Graduation Requirements

To successfully complete this program, students must:

- attain a minimum cumulative GPA of 2.0
- complete the program with no failures or in completes in the required courses

### Time Limits for Program Completion

You are allowed up to four years to complete the Computer Aided Drafting & Design Certificate.

## Transfer & Pathways

Students should consult Transfer Alberta for information regarding transfer credit and pathways for programs and individual courses.

### Athabasca University

Graduates may be awarded 30 credits toward the Bachelor of Professional Arts Communications Studies. For more information contact a Medicine Hat College Academic Advisor.

# CRIMINAL JUSTICE DIPLOMA

**Academic Advising Office**  
Phone: 403.529.3819

Criminal Justice careers represent some of the most important responsibilities in modern society. The Canadian Criminal Justice system aims to reduce crime and its harmful effects upon society through measures of crime prevention, policing, court procedure, corrections, and offender reintegration.

This program consists of theory and skill development courses designed to prepare students for entry level positions within the field of Criminal Justice or for advanced education.

Learners will have exposure to contemporary issues affecting criminal justice in Canada, as well elective opportunities where they may tailor their education to concentrate on areas of special interest or personal wellness, in addition to understanding human behaviour. Rapid change, new technology, cultural developments and increasing criminal sophistication demand that employees in the field of criminal justice be well informed for a diverse and complex profession.

## Aims of the Criminal Justice Program

The Medicine Hat College Criminal Justice Diploma Program provides learners with broad perspectives on issues of law, criminal behaviour, and the ways in which society responds to crime.

Learners will gain a comprehension of various criminal justice career opportunities while practicing valuable skills identified by community partners such as critical thinking, problem solving, effective writing and verbal communication, collaboration, conflict resolution, understanding leadership, professional ethics, and resiliency through self-care.

## Career Opportunities

By-law officers	Community Peace Officers
Correctional Service Workers	Court Clerks
Crime Analysts	Criminal Investigators
Loss Prevention Officers	Military Police Officers
Parole Officers	Police Officers
Probation Officers	Security Services
Sheriffs	Victims Services

## Admission Requirements

### High School Route

- ELA 30-1 (min. 60%) or ELA 30-2 (min. 65%)

### Mature Student Route

- ELA 30-1 (min. 60%) or ELA 30-2 (min. 65%)

## Program Requirements

### First Year

#### Fall

CJLS 100	Introduction to Criminal Justice
CJLS 103	Theories of Crime
CJLS 104	Criminal Law and the Judicial Process
PSYC 201	Introduction to Psychology II - Social Science
Elective	Communication Elective

#### Winter

CJLS 105	Policing and Law Enforcement
CJLS 107	Corrections and Offender Rehabilitation
CJLS 108	Young Persons in Conflict with the Law
IDST 100	Introductory Communications for Helping Professionals
SOCI 201	Introductory Sociology

### Second Year

#### Fall

CJLS 200	Contemporary Issues in Criminal Justice
CJLS 202	Criminal Investigations
CJLS 203	Conflict Management and Crisis Intervention
CJLS 247	Public Safety, Emergency Planning, and Response
Elective	General Elective

#### Winter

CJLS 204	Professional Ethics in Criminal Justice
CJLS 224	Mental Health
CJLS 233	Legal Evidence and Trial Presentation
CJLS 257	Leadership and Development
Elective	General Elective

#### Elective Options

##### Communications Options

ENGL 125	Introductory Report Writing and Speech
ENGL 252	Introductory Composition

##### General Options

ANTH 213	Contemporary Indigenous Issues in Canada
IDST 485	Death and Dying
KNES 247	Introduction to Wellness, Fitness & Nutrition
NUTR 200	Introduction to Nutrition
PSYC 345	Social Psychology
SOCI 203	Current Social Issues

\*Or another applicable and available course chosen with the advisor and approved by the Program Coordinator

# CRIMINAL JUSTICE DIPLOMA

## Graduation Requirements

To successfully complete this program students must:

- attain a minimum cumulative GPA of 2.0
- attain a minimum pass mark of C- in all CJLS designated courses

## Transfer & Pathways

Students should consult Transfer Alberta for information regarding transfer credit and pathways for programs and individual courses.

### Athabasca University

Graduates are eligible to receive up to 60 credits towards the Bachelor of Professional Arts - Criminal Justice Major, Bachelor of Professional Arts - Governance, Law and Management Major, or the Bachelor of Professional Arts - Human Services Major. Students should contact an Athabasca University Academic Advisor for further information. This pathway is currently under review; please contact [transfer@mhc.ab.ca](mailto:transfer@mhc.ab.ca) for confirmation on status.

### Justice Institute of British Columbia

Graduates with a minimum overall GPA of 72% and successful completion of a postsecondary English with a minimum grade of 72% will be granted admission into the third year of the Bachelor of Law Enforcement Studies (BLES). Students must complete JIBC's RESM-2100 Research Methods prior to being officially admitted to the BLES program (available online through JIBC). Students must meet English language requirements. Please contact a MHC Academic Advisor or email [bles@jibc.ca](mailto:bles@jibc.ca) for further information. This pathway is currently under review; please contact [transfer@mhc.ab.ca](mailto:transfer@mhc.ab.ca) for confirmation on status.

### Lethbridge College

Graduates with a minimum cumulative GPA of 2.0 may be eligible for admission and for block transfer into the third year of the Bachelor of Applied Arts - Justice Studies Major. Students should contact a MHC Academic Advisor or a Lethbridge College Academic Advisor for further information. This pathway is currently under review; please contact [transfer@mhc.ab.ca](mailto:transfer@mhc.ab.ca) for confirmation on status.

### Royal Roads University

Graduates are eligible to transfer into the third year of the Bachelor of Arts - Justice Studies Major. Students must present a minimum cumulative GPA of 3.0 and meet all other admission criteria. Students should contact an Medicine Hat College Academic Advisor or a Royal Roads University Academic Advisor for further information. This pathway is currently under review; please contact [transfer@mhc.ab.ca](mailto:transfer@mhc.ab.ca) for confirmation on status.

### Seneca College of Applied Arts and Technology

Graduates are eligible to receive a block transfer of 15 specific courses within the Honours Bachelor of Crime and Intelligence Analysis. A minimum GPA of 3.0 is required to be considered for admission and preference will be given to applicants with the best qualifications. Students should contact an Medicine Hat College Academic Advisor for further information. This pathway is currently under review; please contact [transfer@mhc.ab.ca](mailto:transfer@mhc.ab.ca) for confirmation on status.

## International Transfer Opportunities

### Griffith University

Graduates are eligible to receive advanced standing toward the Bachelor of Criminology and Criminal Justice. Contact a Medicine Hat College Academic Advisor for further information. This pathway is currently under review; please contact [transfer@mhc.ab.ca](mailto:transfer@mhc.ab.ca) for confirmation on status.

# DATA ANALYTICS FOR BUSINESS CERTIFICATE

## Academic Advising Office

Phone: 403.529.3819

The Data Analytics for Business Certificate is designed to lead and advance data literacy skills among learners who are already employed. It embeds essential skills in existing workplaces, without the need for employees to take time off to attend class. It is designed to provide an intensive learning experience for employed individuals, enhancing their ability to transform the workplace data they already have into practical intelligence that can be used to inform decision making. Individuals will benefit from enhanced analytical skills transferable between roles and industries. Employers will benefit from enhanced strategic decision making and efficiency, by building analytical skills among existing employees.

Learners will gain skills and knowledge in data literacy, strategic communications, marketing and social media analytics, and data analysis and visualization. They receive approximately 150 hours of online learning and 480 hours of on the job training over two semesters. The program is asynchronous, delivered completely online, in a cohort format. The program concentrates learning in short bursts, with the field placements interspersed throughout. This way, learners develop new skills in a supportive environment and then apply new knowledge to their jobs to solidify their skills.

The certificate is centered around the interactive relationship between the learner (an employee), an industry sponsor, and a Workforce Coach. They work together to lead the organization into a new era of data-enhanced decision making. Because the learner will be gaining skills that are new to the organization, the role of the Workforce Coach and industry sponsor are to help the learner identify how those skills can be applied in the workplace to transform the way business is conducted. The Workforce Coach will provide guidance and training to the industry sponsor so that they can coach the learner throughout the field placement.

## Admission Requirements

### High School Route

- Two 30-level 5-credit subjects with 50% or higher
- Current employment with a letter of support from employer

### Mature Student Route

- Two 30-level 5-credit subjects with 50% or higher
- Current employment with a letter of support from employer

This program is only offered to domestic students.

## Program Requirements

### First Year

#### Fall

DATA 100	Data Literacy
DATA 155	Applied Field Placement I
DATA 175	Applied Field Placement II
MGMT 150	Strategic Communication

#### Winter

DATA 180	Data Visualization & Business Reporting
DATA 185	Applied Field Placement III
DATA 195	Applied Field Placement IV
MKTG 170	Marketing & Social Media Analytics

## Graduation Requirements

To successfully complete the program students must:

- attain a minimum GPA of 2.0
- achieve a grade of CR in all Applied Field Placements

# EARLY LEARNING AND CHILD CARE CERTIFICATE AND DIPLOMA

## Academic Advising Office

Phone: 403.529.3819

The certificate and diploma programs in Early Learning and Child Care prepare early childhood professionals to work with young children and families. The program combines theory classes in development, interpersonal communications, and appropriate practice with a strong practical base. Knowledge and skills learned in the program enable students to provide good quality care to young children in various settings, as well as enhancing their personal development.

## Career Opportunities

Students will be prepared to work as primary staff in settings that include:

- Pre-schools
- Child Care Centres
- Family Day Homes
- Assistants in Kindergarten programs
- Out of school care programs

The one-year certificate program provides an Alberta Level II child care certification. The two-year diploma provides an Alberta Level III child care certification, which is required by all program directors in Alberta child care centres. The Early Learning and Child Care diploma is recognized throughout Alberta and across Canada as the qualification to work with young children

## Admission Requirements

### High School Route

High school diploma with:

- ELA 30-1 (min. 50%) or ELA 30-2 (min. 65%)

### Mature Student Route

- ELA 30-1 (min. 50%) or ELA 30-2 (min. 65%)

### Transfer Route

Successful completion of an Early Learning and Child Care certificate from an accredited Alberta college with a GPA of not less than 2.3, and with no final course grade of less than C.

### Practicum

Students are selected for practicum on the basis of academic performance, professional suitability, fitness and conduct, volunteer community service, and availability of practicum sites. Students should be aware that under the Protection for Persons in Care Act (January, 1998) they may be required to provide a current Police Information Check with Vulnerable Sector Search as well as an Alberta Children's Services Intervention Record Check to the practicum placement supervisors prior to starting placements. A current First Aid Certificate and Health Immunization Record may be requested in practicum placements. Should the program coordinator judge, in consultation with faculty, that there is evidence that students are professionally unsuitable or a risk to clients, the coordinator may prohibit them from attending or completing a practicum.

NOTE: Students may take up to two courses "for interest" without meeting admission requirements. At this point, however, students must meet all admission requirements to continue.

## Program Requirements

### First Year (Certificate)

#### Fall

ELCC 102	Development through Play I
ELCC 105	Practicum I
ELCC 120	Child Development I
ELCC 122	Interpersonal Relations I
ELCC 123	Health, Safety and Nutrition
ENGL 123	Fundamentals of Writing and Speech

#### Winter

ELCC 101	Introduction to Early Learning and Child Care
ELCC 112	Development through Play II
ELCC 113	Music and Movement
ELCC 115	Practicum II
ELCC 121	Foundations for Children with Developmental Delays
ELCC 124	Language and Literacy

### Second Year (Diploma)

#### Fall

ELCC 201	Fine Arts
ELCC 203	Interpersonal Relations II
ELCC 204	Ecology of the Family
ELCC 205	Practicum III
ELCC 206	Outdoor Pedagogy in Early Learning

#### Winter

ELCC 202	Math and Science
ELCC 211	Infant and Toddler Care
ELCC 212	Professional Practice
ELCC 213	Inclusive Care and Education
ELCC 215	Practicum IV

# EARLY LEARNING AND CHILD CARE CERTIFICATE AND DIPLOMA

## Continuation Requirements

Admission to the second year of the Early Learning and Child Care diploma normally requires students to have successfully completed the Early Learning and Child Care certificate program from Medicine Hat College or from another accredited Alberta college with a GPA of not less than 2.3, and with no final course grade of less than C.

The successful completion of courses at an accredited institution outside Alberta that are equivalent to the one year certificate in Early Learning and Child Care from Medicine Hat College, may also be considered. Students must have attained a GPA of not less than 2.3 with no final course grade of less than C.

## Graduation Requirements

To successfully complete the **certificate** program students must:

- earn C grades (2.0) in ELCC 105 and ELCC 115
- attain an overall GPA of at least C (2.0)
- complete all courses with no grades below C-

To successfully complete the **diploma** program students must:

- earn C grades (2.0) in ELCC 205 and ELCC 215
- attain an overall GPA of at least C (2.0)
- complete all courses with no grades below C-

## Transfer & Pathways

Students should consult Transfer Alberta for information regarding transfer credit and pathways for programs and individual courses.

### Athabasca University

Graduates are eligible to transfer into the Bachelor of Professional Arts - Human Services. Students should contact an AU Academic Advisor for further information.

### Northwestern Polytechnic\*

Students who have successfully completed year one of the Early Learning and Child Care program are eligible for admission directly in year two of the Early Childhood Development diploma. Be sure to contact Northwestern Polytechnic with any questions regarding admission and any minimum grade requirements for individual courses.

### Keyano College\*

Students who have successfully completed year one of the Early Learning and Child Care program are eligible for admission directly in year two of the Early Childhood Development diploma. Be sure to contact Keyano College with any questions regarding admission and any minimum grade requirements for individual courses.

### Lakeland College\*

Students who have successfully completed year one of the Early Learning and Child Care program are eligible for admission directly in year two of the Early Learning and Childcare diploma. Be sure to contact Lakeland College with any questions regarding admission and any minimum grade requirements for individual courses.

### Lethbridge College\*

Students who have successfully completed year one of the Early Learning and Child Care program are eligible for admission directly in year two of the Early Childhood Education diploma. Be sure to contact Lethbridge College with any questions regarding admission and any minimum grade requirements for individual courses.

### MacEwan University\*

Students who have successfully completed year one of the Early Learning and Child Care program are eligible for admission into year two of the Early Learning and Child Care diploma. Be sure to contact MacEwan University with any questions regarding admission and any minimum grade requirements for individual courses.

### Red Deer Polytechnic\*

Students who have successfully completed year one of the Early Learning and Child Care program are eligible for admission directly in year two of the Early Childhood Education diploma. Be sure to contact Red Deer Polytechnic with any questions regarding admission and any minimum grade requirements for individual courses.

\*The ELCC certificates from these institutions will transfer into Medicine Hat College's ELCC diploma. Minimum grade requirements for individual courses and transfer credit are in place; be sure to review this information in the Medicine Hat College calendar.

### University of Alberta (U of A)

Graduates may be eligible to receive up to 30 credits towards the Bachelor of Education - Elementary. Please contact a U of A Academic Advisor for further information regarding admission into this program. This pathway is currently under review; please contact [transfer@mhc.ab.ca](mailto:transfer@mhc.ab.ca) for confirmation on status.

### University of Calgary

Graduates may be eligible to apply to the two-year post-diploma Bachelor of Community Rehabilitation (BCR). Please contact a U of C Academic Advisor for further information regarding admission into this program. This pathway is currently under review; please contact [transfer@mhc.ab.ca](mailto:transfer@mhc.ab.ca) for confirmation on status.

## International Transfer Opportunities

### Griffith University, Australia

Graduates are eligible to receive advanced standing toward the Bachelor of Child, Youth, and Family Practice. Contact a Medicine Hat College Academic Advisor for further information.

# BACHELOR OF EDUCATION (B.ED.)

## MOUNT ROYAL UNIVERSITY

### Academic Advising Office

Phone: 403.529.3819

Mount Royal University and Medicine Hat College offer a degree completion program that graduates students as an elementary specialist with a humanities minor, and prepares its graduates for certification under the Professional Standards Branch of Alberta Education. Although the focus of this program is Kindergarten through Grade Six, the Bachelor of Education credential in Alberta qualifies graduates to teach Kindergarten through Grade Twelve. The program is both course and experience based, with courses deliberately arranged to generate synergy among them. The curriculum is designed to create a holistic experience for education students in their understanding of teaching, learning and assessment. Students in this program will graduate with an evolving teaching philosophy based on opportunities to research, discuss and critically analyze aspects of education and schooling throughout the program. Several courses, both core and elective, require students to participate in relevant classroom experiences in the community.

## Admission Requirements

To apply to this program, applicants must meet the following admission requirements:

- Successful completion of 60 credits of approved university transfer course work
- Achieve a minimum grade of “B” in EDTS 232 and EDTS 234
- Achievement of a minimum GPA of 2.0, calculated based on the most recent 8 transferrable courses

The Bachelor of Education partnership program at MHC is a competitive program so that the most academically qualified students are accepted first. Please note that there is not an after-degree admission route for this program.

## Program Requirements

The Bachelor of Education – Elementary is a four (4) year baccalaureate degree program offered by Mount Royal University in partnership with Medicine Hat College. The total requirements for this program include 40 courses made up of twenty (20) core education courses (including 2 practicums), eight (8) minor courses in the humanities, six (6) general education courses, and four (4) electives.

In Year 3 and Year 4, students will take seven Program of Studies and Curriculum Instruction in Teaching courses, four additional courses, and two practicums:

- EDUC 2200 – Special Topics in Education
- EDUC 2375 – Effective Assessment – Measurement and Evaluation
- EDUC 3010 – Practicum I
- EDUC 3103 – Program of Studies and Curriculum Instruction in Teaching English Language Arts
- EDUC 3104 – Arts Integration in Elementary Education
- EDUC 3105 – Program of Studies and Curriculum Instruction in Teaching Physical Education
- EDUC 3106 – Program of Studies and Curriculum Instruction in Teaching Science
- EDUC 3108 – Program of Studies and Curriculum Instruction in Teaching Mathematics
- EDUC 4030 – Practicum II
- EDUC 4107 – Program of Studies and Curriculum Instruction in Teaching Social Studies
- EDUC 4201 – Integrating Ideas, Values and Praxis
- EDUC 4325 – The Impact of Social Issues in Education & Schooling
- EDUC 4351 – Indigenous Perspectives in Education
- EDUC 4361 – Exceptional Students, Special Needs, & Inclusive Schooling

In addition to the two major practicum experiences in the third and fourth year, there are practicums embedded within certain coursework throughout the program. Placements for practicums will be in Medicine Hat and South Eastern Alberta area schools, in classes ranging from kindergarten through middle school.



# BACHELOR OF EDUCATION (B.ED.)

## MOUNT ROYAL UNIVERSITY

### Practicum Requirements

Students should be aware that under the Protection for Persons in Care Act (January 1998) they will be required to provide a current Police Information Check with Vulnerable Sector Search as well as an Alberta Children's Services Intervention Record Check to the school jurisdiction in which students are placed for each teaching practicum or experience. Student teachers are responsible for the cost of obtaining this documentation and ensuring it is provided to school jurisdictions requiring it, and providing a copy to the Student Placement Officer prior to the start of the first field experience. Should the Chair of Education, and/or Program Coordinator judge with faculty, that there is a evidence that a student is professionally unsuitable or a risk to clients, the student may be prohibited from attending or completing a practicum.

### Continuation Requirements

Students enrolled in the Bachelor of Education – Elementary program are bound by, and shall comply with, the Alberta Teacher's Association Professional Code of Conduct and the Department of Education Field Experience and Practicum Handbooks. Refer to the Field Experience and Practicum Handbooks for details. Issues of non-compliance will warrant the student being required to withdraw from the program. Because of the professional nature of the Education program, there is an attendance policy that Education students will need to abide by.

MRU policies for academic progression and residency will apply to students in the Collaborative Program. MHC policies will apply for all other academic and non-academic issues and appeals.

### Graduation Requirements

To successfully complete the partnership Bachelor of Education – Elementary degree requirements, students must:

- complete the minimum 60 credits of required third and fourth year courses, including major practicums
- have a cumulative GPA of at least 2.0 based on all the courses required for graduation

Upon completion of the program, students will submit an application to graduate to Mount Royal University. Upon confirmation of graduation, students may attend convocation ceremonies at MRU and receive their parchment, or attend graduation ceremonies at MHC. If students wish to attend the MHC convocation ceremony, they must submit an MHC graduation application in addition to an MRU application. Students attending either institution's convocation ceremony will pay the respective institution's fees.

## Career Opportunities

Classroom Teacher K-12  
Counsellor

## Admission Requirements

Refer to Admissions Chart on page 18.

### Practicum

Students should be aware that under the Protection for Persons in Care Act (January 1998) they will be required to provide a current Police Information Check with Vulnerable Sector Search as well as an Alberta Children's Services Intervention Record Check to the school jurisdiction in which you are placed for each teaching practicum or experience. Student teachers are responsible for the cost of obtaining this documentation and ensuring it is provided to school jurisdictions requiring it, and providing a copy to the Education Advisor prior to the start of the first field experience. It is also recommended that you possess a current Emergency or Standard First Aid Certificate and that Health Immunization Records are up to date.

### First Year Course Selection

To facilitate the transfer of courses from Medicine Hat College, University Transfer students are encouraged to choose a university and program of study they wish to work towards. With this information students can consult with their Medicine Hat College Academic Advisor for appropriate program planning.

### University Transfer

Students are encouraged to consult the University Academic calendar regarding admission requirements and course selection. A Medicine Hat College Academic Advisor or an University Academic Advisor can help students interpret and apply these requirements. Students are responsible for making informed course choices as part of their academic degree planning. Students may access the Transfer Alberta Search Database online to determine Medicine Hat College course equivalents.

### Possible Degree Pathways

University of Alberta, Faculty of Education  
Website: [www.ualberta.ca/education](http://www.ualberta.ca/education)

University of Calgary, Faculty of Education  
Website: [www.werklund.ucalgary.ca](http://www.werklund.ucalgary.ca)

University of Lethbridge, Faculty of Education  
Website: [www.uleth.ca/education](http://www.uleth.ca/education)

Mount Royal University, Faculty of Education  
(Degree completion program at Medicine Hat College)

Mount Royal University and Medicine Hat College offer a degree completion program for Mount Royal University's Bachelor of Education on-site at Medicine Hat College. Further information is available on page 97 and on the MHC website at [www.mhc.ab.ca](http://www.mhc.ab.ca).

Mount Royal University, Faculty of Education  
Website: [www.mtroyal.ca/bed/](http://www.mtroyal.ca/bed/)

University of Regina, Faculty of Education  
Website: [www.uregina.ca/education/index.html](http://www.uregina.ca/education/index.html)

University of Saskatchewan, College of Education  
Website: [www.education.usask.ca](http://www.education.usask.ca)

# ENGLISH AS A SECOND LANGUAGE FOR NEW CANADIANS

## Academic Advising Office

Phone: 403.529.3819

Medicine Hat College offers a progressive, communication-based English as a Second Language program for immigrant Canadians. It is intended to build on previous basic English language instruction and to prepare for further studies or for better understanding and communication in the workplace. The ESLC program also integrates language-based technology to engage students and enhance their language development.

Our ESLC program focuses on:

- Reading Skills
- Writing Skills
- Oral Communication Skills
- Listening Skills

## What does our ESLC program offer?

- Full-time or Part-time studies
- Access to computer labs and computer managed learning software
- Small class sizes
- Individual attention
- Classes start September, January, and May
- College environment
- Exploration of other academic upgrading and Medicine Hat College courses
- Dedicated, experienced and highly qualified instructors
- Individual assessment and placements at the appropriate levels

## Admission Requirements

- Priority will be given to those applicants who complete all registration requirements early
- Meet with the ESL Administrator to complete an assessment to ensure placement in classes, before meeting with an Academic Advisor

# ENVIRONMENTAL BIOLOGY AND RECLAMATION TECHNOLOGY DIPLOMA

## Academic Advising Office

Phone: 403.529.3819

Consider a career where a passion for the environment and making the world a better place can be combined with excellent job and earning potential. Enjoy the chance to work out of doors, travel and be able to apply your knowledge and skills to solve problems. Do you have above average communication, people and computer skills? Do you enjoy collecting information, meeting deadlines and have strong organization and planning skills? The environmental field is rapidly expanding and there is very strong demand for individuals with the required attitude, knowledge, skills and practical experience.

Environmental Biology and Reclamation is the returning of lands disturbed from oil and gas activities, logging, mining, infrastructure or industrial development back into either economically productive or natural habitats. Government regulations now require that only individuals with extensive training, knowledge and professional designation can certify reclamation of disturbed lands or decommissioning of wells and pipelines.

The MHC Environmental Biology and Reclamation Technology program is a two-year diploma designed with potential employers to include specific training essential for this career while focusing on the unique environmental conditions of southern Alberta and Saskatchewan. Graduates may find office or field oriented employment with private or government agencies involved with environmental monitoring; reclamation of disturbed lands; environmental planning; carrying out of phase one and two assessments, drilling waste management; integrated vegetation management; well decommissioning; resource development; conservation organizations or environmental impact assessments and auditing. Development of practical skills and applied training will take place during the program's Capstone Project in the final term.

## Career Opportunities

Some of the jobs found by graduates of the MHC Biology and Reclamation program include: environmental technician and technologist; junior soils and vegetation reclamation specialist; junior environmental consultant or assistant project manager; compliance inspector for government or industry, junior conservation or land manager; Assistant Ag Field person; drilling waste consultant; and junior monitoring specialist for soils, air or water. Note that employment may require extensive travel; long days including evenings and weekends; work in remote locations; and working out of doors in all weather conditions. Employees must demonstrate a level of physical fitness due to uneven ground and irregular terrain where reclamation activities are taking place. Safety protocols with most employers also requires drug screening. Because of the applied, experiential approach of many courses in this program, students will be expected to participate in field trips and field-based activities.

## Admission Requirements

### High School Route

High school diploma with:

- ELA 30-1 (min. 50%) or ELA 30-2 (min. 60%)
- Math 30-1 (min. 55%), or Math 30-2 (min. 55%)
- Chemistry 30 (min. 55%) or Science 30 (min. 55%)
- Biology 20 (min. 55%)

### Mature Student Route

- ELA 30-1 (min. 50%) or ELA 30-2 (min. 60%)
- Math 30-1 (min. 55%), or Math 30-2 (min. 55%)
- Chemistry 30 (min. 55%) or Science 30 (min. 55%)
- Biology 20 (min. 55%)

### Computer competency requirement

Many of the courses in this program require a level of familiarity and competency with Microsoft Office suite of computer software. Students are advised to enrol in MICO 191 before beginning this program if your computer skills are limited.

### Professional Certification

Graduates of the Environmental Biology & Reclamation Technology program are eligible to apply to the Canadian Environmental Certification Board (CECAB) for designation as EPIT (Environmental Practitioner in Training). Graduates are also eligible to apply to the Alberta Institute of Agrologists (AIA) under the designation of Registered Technician Agrologists (RTAg). Students should note provincial legislation in Alberta and Saskatchewan requires that to work as a professional and be able to sign off reclamation certificates individuals must be registered either as RTAg, PAg, PBIOL, RPF or FIT, or PEng.

### Environmental Biology & Reclamation Technology

#### Diploma after Degree option

Bachelor of Science students, or transfer students with advance standing through completion of a related diploma are accepted into the program in September of each year. Students will potentially be able to receive credit for up to 50% of the Environmental Biology and Reclamation program course requirements as a result of transfer credits from their degree. A minimum GPA of 2.0 is required for admission.

# ENVIRONMENTAL BIOLOGY AND RECLAMATION TECHNOLOGY

## DIPLOMA

### Program Requirements

#### First Year

##### Fall

BOTA 205	Introduction to Botany
EREC 100	Introduction to Environmental Science Concepts
EREC 120	Energy Fundamentals
EREC 140	Environmental Chemistry
GEOG 201	The Physical Environment

##### Winter

EREC 160	Invasive Species Ecology and Management
EREC 230	Water Fundamentals
EVSC 238	Introduction to Geographic Information Science
STAT 251	Introduction to Applied Statistics
TCOM 110	Technical Communications

#### Second Year

##### Fall

BIOL 254	Plant Taxonomy
BIOL 255	Ecology
EREC 210	Agrology and Agro-Ecology for Environmental Technologists
EREC 220	Environmental Sampling and Monitoring
SOSC 213	Soil Resources

##### Winter

EREC 240	Environmental Assessment
EREC 260	Land Reclamation and Revegetation
EREC 263	Land Reclamation Legislation
EREC 285	Capstone Project
EVSC 336	Advanced GIS and Remote Sensing

#### Field Trips

Course related field trips and fieldwork may take place on weekends or may require overnight travel. Participation in all activities related to field trips and fieldwork is mandatory.

### Continuation Requirements

In order to be able to continue into the second year of the program, a cumulative grade point average of at least 2.0 is required at the end of year one.

### Graduation Requirements

To complete this program:

- successfully complete all the program courses as outlined
- attain a minimum cumulative GPA of 2.0
- obtain no more than one D or D+ grade in the second year

### Transfer & Pathways

Students should consult Transfer Alberta for information regarding transfer credit and pathways for programs and individual courses.

#### Lakeland College

Graduates are eligible for admission into the third year of the Bachelor of Applied Science - Environmental Management Major. Students are required to complete additional bridging coursework for full admission into the third year; students should contact an MHC Academic Advisor or Lakeland College directly for further information.

#### NAIT

Graduates may be eligible for admission into Bachelor of Technology. Please contact NAIT for further information regarding admission into this program. This pathway is currently under review; please contact [transfer@mhc.ab.ca](mailto:transfer@mhc.ab.ca) for confirmation on status.

#### University of Lethbridge

Graduates may be eligible to apply to the post-diploma Bachelor of Science - Environmental Science Major. Students must present a cumulative diploma GPA of 2.75 (on a 4.0 scale); students should contact an MHC Academic Advisor or visit <https://www.ulethbridge.ca/ross/post-diploma/programs/4> for further information.

#### University of Saskatchewan

Graduates may transfer into the Bachelor of Science in Agriculture - Environmental Science Major, the Bachelor of Science in Agriculture - Soil Science Major, or the Bachelor of Science Renewable Resource Management - Resource Science Major. Students should contact an MHC Academic Advisor or University of Saskatchewan for further information.

### International Transfer Opportunities

#### Griffith University

Graduates are eligible to receive advanced standing toward the Bachelor of Environmental Science degree. Contact a Medicine Hat College Academic Advisor for further information. This pathway is currently under review; please contact [transfer@mhc.ab.ca](mailto:transfer@mhc.ab.ca) for confirmation on status.

# HEALTH CARE AIDE CERTIFICATE

## Academic Advising Office

Phone: 403.529.3819

If you enjoy “hands-on” work and working with people, you will be interested in the Health Care Aide program. Medicine Hat College offers the 2019 Provincial Health Care Aide curriculum. This 8-month program offers students instruction in the classroom, laboratory, and clinical placements in Acute Care, Continuing Care, Assisted Living, and Community Agencies. The program is offered according to demand and is delivered in a full-time format.

## Prior Learning Assessment

Individuals with related prior learning obtained during employment as a Health Care Aide may be eligible for Prior Learning Assessment and Recognition. Please refer to the Prior Learning Assessment and Recognition portion of the calendar for further information regarding this process. Please contact the Articulation and PLAR Coordinator at Medicine Hat College for further information.

## Career Opportunities

Upon graduation, students may find employment in home care and institutional settings where personal care is delivered. This career is very satisfying for individuals who enjoy working with people. The work demands a high level of physical and emotional well-being.

## Admission Requirements

- ELA 20-1 (min. 60%) or ELA 20-2 (min. 60%)
- ELA 30-1 (min. 55%) or 30-2 (min. 55%)
- Deemed equivalent by completion of Next-Generation ACCUPLACER (assessment placement test) reading and writing tests, with a minimum score of 237 in each category. The math test is not required.

\* please refer to the ELP section (pg.19) of the Admissions portion of the calendar.

## Pre-Professional Requirements

The following documentation must be submitted one month prior to the first day of classes:

- CPR - any level of CPR
- N-95 Mask Fit Testing
- Health Form indicating that you are physically able to perform the duties of a Health Care Aide
- Police Information Check (including vulnerable sectors check). An adverse Police Information check may delay or inhibit clinical placements.
- Immunization records (deficiencies must be addressed or in the process of being addressed prior to clinical placement)

## Digital Literacy

Candidates must possess knowledge of computer technology tools to be successful in the program. Candidates must:

- be able to communicate, research and understand information
- know how to use computer to surf web
- be able to critically evaluate and understand how technology can affect one's behavior
- be able to create, produce content and effectively communicate using email, media, internet

## Program Requirements

The HCA program consists of nine courses in two 16-week semesters:

### Term 1 (16 weeks)

HCAP 140	Health Care Aide Role & Responsibility
HCAP 141	The Human Body, Health & Chronic Illness
HCAP 142	Communication & Documentation in the Health Care Environment
HCAP 143	Providing Person-Centered Care & Comfort
HCAP 144	Clinical Placement I

### Term 2 (16 weeks)

HCAP 145	Meeting Complex Care Needs
HCAP 146	Special Activities for Clients with Various Health Conditions
HCAP 147	Clinical Experience II (Instructor-Led)
HCAP 148	Consolidated Clinical Placement

## Continuation/Graduation Requirements

To complete this program:

- attain passing grades in all theory, lab, clinical and assessments
- meet attendance requirements as stated in the Health Care Aide program handbook

Should the student fail to achieve these outcomes the student will be required to withdraw from the program.

All HCA students must successfully complete all coursework and pass the Government of Alberta Provincial Health Care Aide Exam in order to graduate from the program and receive a certificate.

### Notes

- Students are expected to observe program policies regarding punctuality, attendance, dress, response to supervision and feedback, and to provide safe, competent health care aide care. If the student's performance is questionable in relation to the delivery of safe patient care and/or to the maintenance of the program standards they may be asked to leave the laboratory or clinical site at any time. Continued failure to uphold standards related to safe, professional performance will result in dismissal from the program.
- Clinical experiences will take place in Brooks or Medicine Hat. Students may also be required to travel to neighboring communities for clinical placements. Clinical practice may include evening shift and weekends.
- For international students: A co-op work permit is required for practicum as well as a student visa, please contact our International Education Office for information (phone 403-504-3615 or [www.mhc.ab.ca/InternationalStudents](http://www.mhc.ab.ca/InternationalStudents)).

# HUMANITIES & SOCIAL SCIENCES DIPLOMA

**Academic Advising Office**  
Phone: 403.529.3819

This diploma is designed to provide the student with the basic knowledge and skills that every citizen requires to begin a process of discovery and individual development that will enable the student to understand what it means to be human in a world that is constantly changing. The humanities are the very expression of who and what we are. The social sciences investigate how what they think and what they do creates the social and political environment in which they live. This two-year program allows the student to pursue an investigation of individual interests and personal goals unique to them while at the same time preparing them for further study in the humanities, social sciences, or the professions. The program can supplement and compliment any number of other programs and will begin a process of development of the student's understanding of the world and themselves.

## Admission Requirements

### High School Route

- ELA 30-1
- Math 30-1 or Math 30-2 or a 30-level second language
- Two 30-level academic subjects
- One 30-level, 5-credit subject (excluding special projects)

### Mature Student Route

- ELA 30-1
- One 30-level academic subject

## Program Requirements

### First Year

#### Communications

##### Two of

COMM Any 200 level  
CPSC Any 200 level  
DRAM Any 200 level  
ECON Any 200 level  
ENGL Any 200 level  
FILM 201  
FREN Any 200 level  
GNED 220  
LING 201  
TCOM 111\*

#### Qualitative Reasoning and Scientific Method

##### Two of

ANTH Any 200 level  
ARKY Any 200 level  
BIOL Any 200 level  
BOTA 205  
CHEM Any 200 level  
ECON Any 200 level  
EREC Any 200 level  
GEOG 201  
GNED 210  
KNES Any 200 level  
MATH Any 200 level  
PSYC 200

PHIL 275, PHIL 279  
PHYS Any 200 level  
STAT Any 200 level

#### Critical Inquiry and Aesthetic Analysis

##### Two of

ARHI Any 200 level  
BIOL 255  
ECON Any 200 level  
ENGL Any 200 level  
FILM 201  
GNED 220, GNED 221  
PHIL Any 200 level  
POLI Any 200 level  
RELI Any 200 level  
SOC 225

#### Historical and Political Analysis

##### Two of

ANTH Any 200 level  
HIST Any 200 level  
POLI Any 200 level  
SOC 225

#### Cultural, Social, and Behavioural Analysis

##### Two of

ANTH Any 200 level  
ARKY Any 200 level  
ECON Any 200 level  
GEOG 203  
GNED 230, GNED 234  
KNES Any 200 level  
LING 203  
POLI Any 200 level  
PSYC 201  
SOC 225

### Second Year

#### Communication Skills

##### One of

DRAM Any 300 level  
ENGL Any 300 level  
FREN Any 300 level  
GEOG Any 300 level  
PHIL Any 300 level

#### Cultural Foundations

##### One of

ANTH Any 300 level  
ARHI Any 300 level  
ARKY Any 300 level  
HIST Any 300 level  
GEOG Any 300 level  
GNST 300

#### Social and Behavioural Sciences

##### One of

ANTH Any 300 level  
ARKY Any 300 level  
PSYC Any 300 level  
SOC 225

# HUMANITIES & SOCIAL SCIENCES DIPLOMA

## Humanities

### Three of

DRAM Any 300 or 400 level

ENGL Any 300 level

HIST Any 300 level

PHIL Any 300 level

## Electives

### Four of

Any of the other 300 or 400 level University Transfer courses listed above

## Work Placement (Optional)

HSSW 300 Work Placement

\*TCOM 111 full fills diploma requirements but does not meet university transfer standards

**Important: No single course can satisfy more than one of the above requirements.**

## Continuation Requirements

Generally, prerequisite grades must be "C-" or higher; however, some classes require a higher grade. Check course descriptions for individual courses.

## Graduation Requirements

To successfully complete the Humanities and Social Sciences Diploma, you must:

- attain a minimum pass mark of C- in all courses
- attain a minimum cumulative GPA of 2.0

## Transfer & Pathways

Students should consult Transfer Alberta for information regarding transfer credit and pathways for programs and individual courses.

Students are encouraged to consult academic calendars of their intended transfer institution regarding admission requirements and course selection. A Medicine Hat College Academic Advisor or a University Academic Advisor can help students interpret and apply these requirements. Students are responsible for making informed course choices as part of their program planning. Students may access the Transfer Alberta Search Tool online at [transferalberta.alberta.ca/transfer-alberta-search](http://transferalberta.alberta.ca/transfer-alberta-search) to determine Medicine Hat College course equivalents.



# INFORMATION TECHNOLOGY DIPLOMA

## Academic Advising Office

Phone: 403.529.3819

Recognizing the large and growing demand for skilled computer professionals and the diversity of skills needed in the computer field, Medicine Hat College offers a two year Information Technology Diploma with two majors:

### Software and Internet Development (two years) Network and System Administration (two years)

The program is designed to be flexible. Students will be asked to select a major when they apply to the program. However, the first year of the program is common to all students and students may have the opportunity to change their major based on their aptitudes and career goals as well as availability of seats in the major. Movement between majors will require re-applying to the major of your choice by September 1 of the second year.

### Co-op Program Option

Co-op Education is an integrated approach to higher education that enables bright, highly motivated students to integrate their academic program with paid, relevant work experience in their chosen field. The special Co-op designation on their diploma testifies to their accomplishments and helps them gain solid work opportunities.

Admission to the co-op program will occur at the end of the first semester and will be based on:

- academic standing
- evaluation of the two written communications assignments in ITEC 100
- work term availability
- approval of the IT faculty

### Industry Certification

The IT programs incorporate all or part of the curriculum requirements for a number of industry certifications including A+, i-Net+, Network+, and various Microsoft Certifications. The examinations for the respective certifications must still be written independently.

## Career Opportunities

### Information Technology - Software and Internet Development Major

Graduation with a two year Software and Internet Development diploma prepares students for employment in a variety of entry-level positions in programming and software development, web design and development, database development, and software sales and support.

### Information Technology - Network and Systems Administration Major

Graduation with a two year Network and Systems Administration diploma prepares students for employment in the following areas: user support, network and hardware installation and support, network administration, and computer sales and support.

### Information Technology Certificate

Students are eligible to receive a certificate if they choose to exit the diploma program after one year. This route is appropriate for students that are looking for a strong background in computer fundamentals, are looking for retraining, or have graduated from other areas and wish to update their computer skills. Graduates with a one-year certificate could expect to find employment in retail sales or computer support or as a microcomputer operator in business, government, or industry.

## Admission Requirements

### High School Route

- ELA 30-1 (min. 50%) or ELA 30-2 (min. 60%)
- Math 30-1 (min. 50%) or Math 30-2 (min. 65%), or Math 20-1 (min. 65%)

## Program Requirements

### Software and Internet Development Major

#### First Year

##### Fall

ITEC 100	Professional Communications I
ITEC 110	A+ Computer Technology I
ITEC 120	Applied Mathematics
ITEC 140	Programming Fundamentals I
ITEC 150	Application Software

##### Winter

ITEC 130	A+ Computer Technology II
ITEC 145	Programming Fundamentals II
ITEC 155	IT Systems Support
ITEC 170	Networking Fundamentals
ITEC 190	Web Development I

#### Second Year

##### Fall

ITEC 230	Emerging Technologies I
ITEC 270	Database Management I
NETW 290	Network Administration
PROG 210	Systems Analysis & Design
PROG 225	Intermediate Programming

##### Winter

ITEC 240	Web Server Administration
ITEC 275	Database Management II
ITEC 281	Business and Accounting Principles
PROG 245	Dynamic Web Application Development
PROG 280	Advanced Programming

# INFORMATION TECHNOLOGY DIPLOMA

## Network and Systems Administration Major

### First Year

#### Fall

ITEC 100	Professional Communications I
ITEC 110	A+ Computer Technology I
ITEC 120	Applied Mathematics
ITEC 140	Programming Fundamentals I
ITEC 150	Application Software

#### Winter

ITEC 130	A+ Computer Technology II
ITEC 145	Programming Fundamentals II
ITEC 155	IT Systems Support
ITEC 170	Networking Fundamentals
ITEC 190	Web Development I

### Second Year

#### Fall

ITEC 230	Emerging Technologies I
ITEC 260	Applied Technical Support I
NETW 200	Enterprise Networking
NETW 220	Microsoft Server Technologies
NETW 290	Network Administration

#### Winter

ITEC 240	Web Server Administration
ITEC 265	Applied Technical Support II
ITEC 281	Business and Accounting Principles
ITEC 285	Security
NETW 222	Advanced Microsoft Server Technologies

NOTE: Students enrolled in the Co-op Program must complete ITEC 205 and ITEC 291. Typically, ITEC 205 will be taken in the Winter semester of the first year and ITEC 291 will be completed over the spring and summer months between first and second year.

#### Notes

1. Students that have a strong high school Math background, an approved university transfer Math course such as MATH 203, STAT 213 may be taken in place of ITEC 120. Advanced permission is required.
2. Students in the Software and Internet Development major, university transfer courses CPSC 231 and/or CPSC 233 may be taken in place of one or two courses (on a one for one basis) designated by the program. Advanced permission is required.

## Graduation Requirements

To successfully complete the ITEC Diploma in either major students must:

- complete a minimum of ten, 100-level approved courses
- obtain no more than one D (D or D+) grade in 100-level courses
- complete a minimum of ten, 200-level or higher approved courses
- obtain no D (D or D+) grade in 200-level or higher courses.
- attain a minimum GPA of 2.0

To successfully complete the ITEC Diploma Co-op in either major students must:

- complete a minimum of ten 100-level approved courses
- obtain no more than one D (D or D+) grade in 100-level courses
- complete a minimum of twelve, 200-level or higher approved courses
- obtain no D (D or D+) grade in 200-level or higher courses
- attain a minimum GPA of 2.0

To successfully complete the IT Certificate students must: complete a minimum of 10 approved courses

- obtain no more than one D (D or D+) grade
- attain a minimum GPA of 2.0

## Transfer & Pathways

Students should consult Transfer Alberta for information regarding transfer credit and pathways for programs and individual courses.

### Athabasca University

Graduates are eligible to receive block transfer of 30 credits toward the post-diploma Bachelor of Science in Computing and Information Systems. Students may receive up to 30 additional credits on a course-by-course basis, provided courses in the diploma fulfill requirements of AU's Bachelor of Science Post-Diploma programs. Students should contact an MHC Academic Advisor for further information.

### University of Lethbridge

Graduates of the Information Technology Diploma (Software and Internet Development major) are eligible to receive 60 credits toward the post-diploma Bachelor of Science - Computer Science Major. This transfer option is open to graduates who have achieved a cumulative diploma GPA of 2.50 or higher (on a 4.0 scale). Students should contact an MHC Academic Advisor or visit [www.ulethbridge.ca/ross/post-diploma/details/816](http://www.ulethbridge.ca/ross/post-diploma/details/816) for further information.

### NAIT

Graduates of the Information Technology Diploma Software and Internet Development major with a cumulative 2.3 GPA are eligible to enter the Bachelor of Information Systems Technology Information Systems Major. Students should contact a MHC or NAIT Academic Advisor for further information. This pathway is currently under review; please contact [transfer@mhc.ab.ca](mailto:transfer@mhc.ab.ca) for confirmation on status.

Graduates of the Information Technology Diploma Network and System Administration major with a cumulative 2.3 GPA are eligible to enter the Bachelor of Information Systems Program Network Management Major. Students should contact a MHC or NAIT Academic Advisor for further information. This pathway is currently under review; please contact [transfer@mhc.ab.ca](mailto:transfer@mhc.ab.ca) for confirmation on status.

Graduates may be eligible for admission into Bachelor of Technology. Please contact NAIT for further information regarding admission into this program. This pathway is currently under review; please contact [transfer@mhc.ab.ca](mailto:transfer@mhc.ab.ca) for confirmation on status.

# INFORMATION TECHNOLOGY DIPLOMA

## International Transfer Opportunities

### Griffith University, Australia

Graduates of the Information Technology Diploma (both majors) are eligible to receive advanced standing toward the Bachelor of Information Technology degree program. Students should contact an Academic Advisor for further information.

# INTERCULTURAL AWARENESS CERTIFICATE

## International Education Office

Phone: 403.529.3812

The Certificate in Intercultural Awareness program recognizes intercultural awareness and understanding acquired through targeted coursework and educational experiences at MHC. This embedded certificate is intended to be completed in conjunction with other coursework at MHC.

The required learning outcomes are:

- understand the role of culture in shaping values, beliefs, behaviors and perceptions
- gain intercultural experience
- utilize learned tools to develop and reflect upon one's own intercultural awareness and skills
- appreciate and value diverse ideas, systems and ways of life

## Admission Requirements

Students must be enrolled in a program of study at MHC. Students interested in completing the certificate should consult with their academic advisor and the International Education Office.

## Program and Graduation Requirements

1. Complete six credits in coursework towards the certificate with a minimum GPA of 2.0 and no grade lower than C-, including: One of:
  - GNED 230/GNED 1301 Citizenship without Borders
  - GNED 234/GNED 1304 Communities and Societies

One additional course from this list:

- ANTH 203 Introduction to Social and Cultural Anthropology
- ANTH 213 Contemporary Indigenous Issues in Canada
- EDUC 4351 Indigenous Perspectives in Education (enrolment restricted by program)
- EDUC 4325 The Impact of Social Issues in Education and Schooling (enrolment restricted by program)
- ELCC 213 Inclusive Care and Education (enrolment restricted by program)
- ENGL 353/ENGL 3353 North American Indigenous Literature
- GNED 230/GNED 1301 Citizenship Without Borders
- GNED 234/GNED 1304 Communities and Societies
- RELI 205 The Nature of Religion
- MGMT 391 Global Sustainable Business
- MKTG 280 International Business and Culture
- SLWK 220 International Social Work Practicum (enrolment restricted by program)

A course cannot normally count towards both coursework and the study abroad or intercultural experience.

2. Complete intercultural development training and a documented intercultural or study abroad experience, facilitated by MHC International Education, to include:
  - Intercultural Development Training program, offered by International Education
  - intercultural experience facilitated by International Education to include an IDI assessment and debrief, reflection exercises and interviews, as well as one of:
    - a formal education abroad experience of two weeks or more
    - a documented intercultural experience of 15 hours or more

# INTERMEDIATE ACCOUNTING POST-DIPLOMA CERTIFICATE

## Academic Advising Office

Phone: 403.529.3819

This certificate serves as a stand-alone certificate that builds student knowledge of accounting theory and application and/or as a bridge for students pursuing CPA designation and completion of a business degree. In addition, the certificate includes a work integrated learning course that provides students with a hands-on learning opportunity where theory and practice are integrated. The program also includes courses that build on critical thinking skills that can be applied in the field and in further study.

## Admission Requirements

Graduation from a Business Administration degree, diploma or equivalent at an accredited post-secondary institution with completion of the following courses (or their equivalents):

ACCT 113 or ACCT 321

## Program Requirements

### Fall

ACCT 211 Intermediate Accounting

ACCT 219 Taxation

ACCT 276 Advanced Computerized Accounting

MGMT 284 Business Statistics I

MGMT 395 Business Law

### Winter

ACCT 213 Intermediate Accounting

ACCT 215 Introduction to Managerial Accounting

COMM 252 Advanced Business Communications

FINA 255 Finance

MGMT 285 Business Statistics II

### Spring

ACCT 290 Work Integrated Learning

## Graduation Requirements

To successfully graduate from this program students must complete the courses listed above or equivalent substitutes:

To successfully complete this program students must:

- attain a minimum cumulative GPA of 2.3
- achieve no grade lower than C
- achieve a grade of CR in ACCT 290

# KINESIOLOGY (B.A., B. KIN., B.P.E., B.SC.)

## UNIVERSITY TRANSFER

Kinesiology is the study of human movement. Its goal is to use evidence-based research to improve human health, wellness, and performance. With a degree in kinesiology, students may become employed in areas related to coaching; recreation; general and workplace health and fitness; sports performance; research; illness and injury prevention; and rehabilitation. A degree in kinesiology can also help students to meet the admission requirements for a graduate program or another professional degree such as physical therapy or medicine.

This program will prepare students to transfer to another institution after they complete a maximum of two years at Medicine Hat College.

### Career Opportunities

Elementary/Secondary Schools  
Colleges/Universities  
Community Centres/Sports and Fitness Centres

Municipal Recreation Departments  
Comprehensive Health Care Facilities  
Hospitals/Primary Health Care Settings

### Admission Requirements

Refer to Admissions Chart on page 18.

The University Transfer program at Medicine Hat College provides students with a foundation to be successful in university degrees. The program is possible with the college's participation in Campus Alberta. Admission to all university programs in Alberta is competitive and students are responsible for understanding admission and program requirements.

Program requirements change yearly and vary by institution. Students pursuing an undergraduate degree as a learning pathway to a professional program should consult with a Medicine Hat College Academic Advisor and a representative from the institution they wish to attend. University Transfer students need to ensure they meet both the minimum requirements and competitive requirements for admission.

### Course Selection

To facilitate the transfer of courses from Medicine Hat College, University Transfer students are encouraged to choose a university and program of study they wish to pursue. With this information students can consult with their Medicine Hat College Academic Advisor for appropriate program planning.

### University Transfer

Students are encouraged to consult the universities academic calendar regarding admission requirements and course selection. A Medicine Hat College Academic Advisor or an University Academic Advisor can help students interpret and apply these requirements. Students are responsible for making informed course choices as part of their academic degree planning. Students may access the Transfer Alberta Search Database online to determine Medicine Hat College course equivalents.

### Potential Degree Pathways

University of Alberta, Faculty of Kinesiology, Sport and Recreation  
Website: [www.ualberta.ca/kinesiology-sport-recreation/](http://www.ualberta.ca/kinesiology-sport-recreation/)

University of Calgary, Faculty of Kinesiology  
Website: [www.ucalgary.ca/knes](http://www.ucalgary.ca/knes)

University of Lethbridge, Faculty of Arts and Science  
Website: [www.uleth.ca/artsci/kinesiology](http://www.uleth.ca/artsci/kinesiology)

Mount Royal University, Faculty of Health, Community & Education  
Website: [www.mru.ca/bhpe](http://www.mru.ca/bhpe)

University of Regina, Faculty of Kinesiology and Health Studies  
Website: [www.uregina.ca/kinesiology/](http://www.uregina.ca/kinesiology/)

University of Saskatchewan, College of Kinesiology  
Website: [www.kinesiology.usask.ca](http://www.kinesiology.usask.ca)

# KINESIOLOGY DIPLOMA

**Academic Advising Office**  
Phone: 403.529.3819

Kinesiology is an academic discipline that focuses on the study of human movement. Its goal is to use evidence-based research to improve human health, wellness, and athletic performance. The Kinesiology diploma is a two-year program that prepares graduates to work as qualified exercise professionals in a variety of fitness, health, sports, rehabilitation, and recreation environments.

In this program students acquire theoretical knowledge and practical skills around topics such as anatomy and physiology, fitness principles, nutrition, fitness assessment and exercise prescription, growth and development, exercise physiology, coaching, and the prevention and management of athletic injuries. This knowledge will become the basis for practical, work-integrated learning (WIL) experiences in a variety of sport, clinical, recreation, and wellness settings. Upon successful completion of the diploma, students can also obtain the Certified Personal Trainer certification through the Canadian Society of Exercise Physiology. Most of the courses in the diploma program also transfer to a variety of degree-granting institutions so that you can continue your university transfer in Kinesiology or a related field.

## Career Opportunities

Graduates of the program are employable in entry-level positions in kinesiology-related environments such as:

Physical Therapy Clinics	Health and Wellness Centres
Athletic teams	Recreational Centres
Fitness Clubs	Sports Organizations
Senior Centres	Rehabilitation Centres

## Admission Requirements

### High School Route

(Alberta high school courses or equivalents with an average of 60% in each of the required courses)

- ELA 30-1
- Biology 30
- Math 30-1 or Math 30-2
- One 30-level academic subject
- One Grade 12 5-credit subject (excluding special projects)

### Mature Student Route

- ELA 30-1
- Biology 30
- Math 30-1 or Math 30-2

### English Language Proficiency

Students also need to meet English Language Proficiency at a higher level than the general college. For the International English Language Proficiency System (IELTS) students must have an overall band score of 7.0 with no band less than 7.0.

## Program Requirements

### Year One

#### Fall

ENGL 1xx or ENGL 2xx	
KNES 204	Sociocultural Aspects of Leisure & Sport
KNES 250	Introduction to the Administration of Sport and Physical Education Programs
KNES 261	Human Anatomy
PHIL 370	Introduction to Human Physiology I

#### Winter

KNES 220	Prevention and Care of Athletic Injuries
KNES 247	Introduction to Wellness, Fitness & Nutrition
PHSL 371	Introduction to Human Physiology II
NUTR 200	Introduction to Nutrition

#### One of

KNES 210	Motor Skill Acquisition and Performance
KNES 265	Functional Anatomy
KNES 2xx	Any 200-level KNES
STAT 251 or 333	Introduction to Applied Statistics or Statistics for the Life Sciences

### Year Two

#### Fall

PSYC 200 or	Introduction to Psychology I - Natural Science
PSYC 201	Introduction to Psychology II - Social Science
KNES 240	Adapted Physical Education
KNES 260	Introduction to Coaching
KNES 290	Growth and Development
KNES 373	Exercise Physiology

#### Winter

KNES 206	Psychology of Sport and Physical Activity
KNES 255	Biomechanics
KNES 270	Exercise Assessment and Prescription
KNES 295	Practicum/Work Experience
One of	
KNES 212	Research Methods in Kinesiology
KNES 281	Introduction to Movement Activities in Children and Youth
KNES 2xx	Any 200-level KNES

## Practicum

As part of the Kinesiology diploma, every student will be required to complete a practicum. The practicum is a non-paid work-integrated learning experience designed to give students supervised practical application of the theories and concepts learned through the program. All courses and requirements from the first three semesters of the program must be completed appropriately and satisfactorily prior to commencing the practicum. Failure to do so will result in the student not being permitted into the practicum course.

# KINESIOLOGY DIPLOMA

Students may be required to provide a Police Information Check with Vulnerable Sector Search to the practicum placement supervisor prior to starting the placement. A current First Aid and CPR-level C certificate will be required in practicum placements. Please note that students are responsible for any fees involved in meeting these practicum requirements.

## Continuation Requirements

- attain a minimum cumulative GPA of at least 2.0 at the end of each semester
- attain a minimum final grade of 'C' in all KNES, PHSL, and NUTR courses and a 'C-' in all other courses

## Graduation Requirements

To successfully complete the Kinesiology Diploma you must:

- attain a minimum final grade of 'C' in all KNES, PHSL, and NUTR courses and a C- in all other courses
- attain a grade of CR in KNES 295
- attain a minimum cumulative GPA of 2.0

## Industry Credentials

Students within this program will have the opportunity to achieve the following industry certifications:

- Canadian Society for Exercise Physiology (CSEP) Certified Personal Trainer (CPT)
- Fitness Alberta (formerly the Alberta Fitness Leadership Certification Association)
- National Coaching Certification Program (NCCP) Modules
- Sports Medicine Council of Alberta (SMCA) - Sport Trainer
- CPR-C and Emergency First Aid

\* Students are eligible to complete the CSEP-CPT national certification upon successful completion of all the coursework. This is not required for successful completion of the program but rather an opportunity to gain a valuable industry certification. Students are responsible for any fees associated with obtaining this certification.\*

## Transfer & Pathways

Students should consult Transfer Alberta for information regarding transfer credit and pathways for programs and individual courses.

The Kinesiology diploma program serves as a foundation for further education within the field by offering many of the same courses as the University Transfer Kinesiology program; however, additional coursework may be required as not all courses within this diploma program will provide transfer credit towards a Bachelor of Kinesiology and/or additional courses may be required for successful transfer. Upon successful completion of the program, students are awarded a diploma from Medicine Hat College, but they can also use many of their courses for credit transfer should they wish to further their education in Kinesiology.

Transfer to other programs and universities is possible but students are strongly encouraged to consult Academic calendars of their intended transfer institution regarding admission requirements and course selection. A Medicine Hat College Academic Advisor or a University Academic Advisor can help students interpret and apply these requirements. Students are responsible for making informed course choices as part of their program planning. Students may access the Transfer Alberta Search Database online to determine Medicine Hat College course equivalent.



# MARKETING & DESIGN POST-DIPLOMA CERTIFICATE

## Academic Advising Office

Phone: 403.529.3819

This certificate serves as a stand-alone certificate that builds on students' previous academic knowledge. In addition, this certificate includes a work integrated learning course that provides students with a hands-on learning opportunity where theory and practice are integrated.

## Admission Requirements

Graduation from a diploma at an accredited post-secondary institution. Note: Special acceptance to the program can be made by the Dean if equivalent work experience, education or training is provided.

## Program Outcomes

Apply key marketing theories, frameworks, and tools to solve marketing problems. Formulate a marketing plan to meet the needs or goals of a business or organization. Communicate marketing information persuasively and accurately in oral, written, graphic and interactive media formats.

Evaluate the impact of different marketing strategies for return on Investment (ROI) and achievement of business goals.

## Program Requirements

### Year One

#### Fall

AREL 329	Web Design I
MGMT 150	Strategic Communications
MKTG 171	Marketing
MKTG 325	Evidence-Based Marketing

Choice one of:

MKTG 315	Science of Persuasion
SEMM 251	Sport and Event Sponsorship and Fundraising

#### Winter

AREL 429	Web Design II (UI/UX)
MKTG 345	Managing Marketing Relationships
MKTG 355	Creating Brand Intelligence
SEMM 271	Digital Marketing
MKTG 290	Community Service Project

## Graduation Requirements

- Compete all required courses and attain a minimum GPA of 2.0

# NURSING (BScN)

## UNIVERSITY OF CALGARY BACHELOR OF SCIENCE IN NURSING AT MEDICINE HAT COLLEGE

**Academic Advising**  
Phone: 403.529.3819

### Introduction

The University of Calgary (UofC) Bachelor of Science in Nursing program at Medicine Hat College is a four-year collaborative degree offered entirely at the Medicine Hat College campus and is designed for students to complete their entire Nursing degree at the Medicine Hat College site.

The BScN degree provides graduates with the background, competencies, and skills required to enter the nursing profession. The BScN provides graduates with an integrated educational approach that supports the meaningful inclusion of new developments in areas of scientific advancement (e.g., genomics, epigenetics, and artificial intelligence) that advance nursing's disciplinary perspectives and influence nursing practice. Throughout the program, students are provided with a sound theoretical base and supervised practice experience in a variety of nursing settings.

Students apply to Medicine Hat College and are a Medicine Hat College student for the first and second years. Upon successful completion of the first two years of the program, students apply to the University of Calgary as a third-year student and are guaranteed acceptance if they have met all the U of C entrance requirements (minimum 2.0 GPA on last 30 units or 5 full-course equivalents). Students take years three and four as a University of Calgary student at Medicine Hat College campus. Students enrolled in the BScN program are not permitted to leave the program at MHC and transfer to the U of C program.

Barring extenuating circumstances, students are not permitted to transfer from Medicine Hat College to the University of Calgary's main campus or other off-site locations.

### Career Opportunities

Opportunities in nursing are many and varied. Staff nurse positions are found in acute care (hospital) settings, extended care, home care, and community/rural settings. Nurses are also employed in occupational health nursing and in various government services such as outpost nursing, penitentiaries, international nursing or the Canadian Armed Forces. Completion of a BScN degree allows graduates to write the National Council Licensure Examination (NCLEX) which is a prerequisite for licensure in any province/territory in Canada.

### Professional Conduct

The study of nursing practice places students in a position of special trust with Registered Nurses, other health-care professionals, and their patients or clients. The Faculty of Nursing recognizes that nursing education occurs both inside and outside the classroom and has the responsibility to ensure that its graduates are competent and ethical. Students are expected to comply with all MHC and University of Calgary policies and regulations. Although nursing students in the program are not regulated members of the College of Registered Nurses of Alberta (CRNA), as part of their formation as professional nurses, they are also expected to meet professional and ethical standards for Registered Nurses as outlined by:

- Canadian Nurses Association Code of Ethics for Registered Nurses (2017): <https://www.cna-aiic.ca/en/nursing/regulated-nursing-in-canada/nursing-ethics>
- CRNA Practice Standards for Regulated Members (2013): <https://nurses.ab.ca/media/1mkkxvxi/practice-standards-for-registrants-2023.pdf>
- CRNA Entry Level Competencies for the Practice of Registered Nurses (2019): <https://nurses.ab.ca/media/5ndpyfar/entry-level-competencies-for-the-practice-of-registered-nurses-mar-2019.pdf> Students are expected to ensure they are both familiar with and comply with these standards.
- CRNA Requisite Skills and Abilities for Becoming a Registered Nurse in Alberta (2022): <https://nurses.ab.ca/media/vf4lxby2/requisite-skills-and-abilities-for-becoming-a-registered-nurse-in-alberta-2022.pdf>

### Resources

The Faculty is located in the E-Wing of Medicine Hat College main campus. The nursing program has simulated learning throughout the program, which is designed as an interactive environment to enhance excellence in nursing.

### Program Structure

Terms 1 & 2: Introduction to Registered Nursing Practice. Year 1 of the program includes a combination of option courses, introductory nursing courses and basic anatomy and physiology courses.

Terms 3 & 4: Foundations that Inform Registered Nursing Practice. In year 2 of the program, students will have nursing theory, labs and practicum courses related to community and older adult nursing.

Terms 5 & 6: Complexity, Integration, and Consolidation. In year 3 of the program, students will have nursing theory, labs and practicum courses related to acute care, mental health, perinatal and pediatric courses.

Terms 7 & 8: In the final year of the program, students will continue their courses in acute care, mental health, perinatal and pediatric. In the final term 8 semester, students will complete their final preceptorship.

### University of Calgary at Medicine Hat College

#### Admission Requirement

Admission to the BScN program is competitive and enrolment in the BScN program is limited. While every attempt will be made to accept all qualified applicants, enrolment will be limited to the number of students that can be accommodated by the resources available to maintain an acceptable quality of education. Applicants will be accepted on the basis of academic standing in high school and/or previous post-secondary education completed.

#### High School Route

Must have an overall average of 65%, with no grade lower than 50%

- English 30-1
- Biology 30
- Chemistry 30 or Science 30
- Math 30-1 or Math 30-2
- One additional 5 credit 30 level subject

# NURSING (BScN)

## UNIVERSITY OF CALGARY BACHELOR OF SCIENCE IN NURSING AT MEDICINE HAT COLLEGE

### Mature Student Route

Must have an overall average of 65%, with no grade lower than 50%

- English 30-1
- Math 30-1 or Math 30-2
- Biology 30
- Chemistry 30 or Science 30

### International Student Admission

International applicants should be aware of the following “English Language Proficiency” requirements. For entry to the BScN program, they must present a minimum score of 237 on the computer-based Test of English as a Foreign Language (TOEFL) and a score of 50 on the Test of Spoken English; or a minimum score of 580 on the paper-based TOEFL examination and a score of 50 on the TSE.

### Pre-Program Requirements

Failure to submit the pre-program requirements before the first day of class will result in a hold being placed on the student account and access to class material denied. If the student does not submit all required documents within 14 days of the hold being placed on the account, the student will be required to withdraw from all classes and re-apply for admission to the program in the future. All program requirements must be submitted to the following email by June 30: [hstudiesinquiries@mhc.ab.ca](mailto:hstudiesinquiries@mhc.ab.ca).

### Immunization Requirements

Students in the BScN program must complete the required immunizations to participate in clinical placements. Required immunizations follow Alberta Health Services (AHS) guidelines. Students admitted into the BScN program are required to submit proof of immunization. Documented proof of completion must be provided to the Faculty of Nursing prior to the student's first day of classes in year 1 of the program.

Throughout the program, students are required to ensure that immunizations are current and must provide proof of updates to the Nursing program as required. Students who do not have current and complete immunizations will not be able to complete clinical placements required in the program. Immunization requirements may change during the program.

### Police Information Check (PIC)

All applicants to the BScN program are required to provide a current Police Information Check (PIC), which includes a Criminal Record Check and Vulnerable Sector Search. In order to be considered ‘current’, the PIC must be completed during the three months prior to admission (i.e. June 1 – August 31 for Fall admission). Students who are concerned about the presence of a criminal record should contact the police department to discuss the process for eliminating or erasing such a record. Failure to present a clear Police Information Check may result in admission being denied/rescinded. After admission and at any time during the program, a student may be required to produce a current PIC with Vulnerable Sector search, the results of which could require their withdrawal from the program. Students are required to inform the faculty immediately of any change in status of their criminal record.

### Cardio Pulmonary Resuscitation Certification- Basic Life Support (BLS)

All BScN students will be required to submit proof of current BLS Certification (valid for a 12 month period from date of course completion). Students will be responsible for obtaining course training and certification on a yearly basis regardless of the expiration date on the certificate. Without this documentation, students will be removed from all classes and practice courses until adequate proof has been provided.

### N-95 Fit Testing

N-95 mask fitting is a pre-program requirement that will be scheduled and completed on campus before the first day of class for year one nursing students. Documented proof of the test must be provided to [hstudiesinquiries@mhc.ab.ca](mailto:hstudiesinquiries@mhc.ab.ca) prior to the commencement of the program. Fit testing is valid for two years; therefore, students will need to schedule their second fit testing on campus prior to expiration.

### Intervention Record Check (IRC)

All applicants to the BScN program are required to provide a current Intervention Record Check (IRC) prior to admission into the second year of the program. The Intervention Record Checks are for those who work with children or youth, or adults applying to become a foster caregiver, kinship caregiver, or adoptive parent to a child or youth in the province of Alberta. Students will be notified how and when to submit the IRC form on-line in second semester of their first year.

### Skills and Abilities for Becoming a Registered Nurse in Alberta

Nursing students require certain basic skills and abilities to progress through a nursing education program and for initial entry to practice as a Registered Nurse in Alberta. Prospective students are encouraged to review the document “CRNA Entry Level Competencies for the Practice of Registered Nurses (2019): <https://nurses.ab.ca/media/5ndpyfar/entry-level-competencies-for-the-practice-of-registered-nurses-mar-2019.pdf> to identify their fit with the requirements of becoming a registered nurse and/or identify their potential need for accommodation<sup>1</sup> in becoming a member of the nursing profession.

### Connect Care

Connect Care is an electronic health platform that is a new way of using and sharing health information to improve patient care. Students require Connect Care access for clinical placements. All Connect Care training is mandatory prior to the start of the clinical experience.

Preparation involves completion of the Connect Care e-learning modules on the AHS My Learning Link site prior to the in-person Instructor Led Training (ILT) sessions. Students must be available prior to the start of the term for their ILT. For fall courses, students must be available 10 business days prior to the start of the fall term for ILT training. Depending on the student's clinical placements for winter courses, students may require additional ILT in December or January. Students are required to be available in December and January exclusive of dates when the Medicine Hat College is closed. AHS schedules all training and rescheduling of ILT dates is not permitted. Failing to complete any component of the Connect Care training may result in delay or deferral of the course. Attending any clinical site without the mandatory CC training/access is prohibited.

<sup>1</sup> Accommodation is the process of making alterations (to the point of undue hardship) to the delivery of services so that those services become accessible to more people, including people with disabilities. (Alberta Human Rights Commission).

# NURSING (BScN)

## UNIVERSITY OF CALGARY BACHELOR OF SCIENCE IN NURSING AT MEDICINE HAT COLLEGE

### Program Requirements

The BScN program is a full-time professional program. Students must complete all of the required courses in the term and sequence as they are prescribed.

Students are not allowed to take additional courses outside of their prescribed course sequence without the express permission of the Nursing Program Chair (or delegate).

### Year 1

#### Introduction to Registered Nursing Practice

#### Terms 1 and 2

NRSRG 201	Introduction to Nursing
NRSRG 202	Indigenous Health Studies
BIOL 275	Basic Anatomy & Physiology I
BIOL 277	Basic Anatomy and Physiology II
English	(any 200 level)
Statistics	
Junior Arts	(Psychology or Sociology Option)
Junior Open Option	(Science)
Junior Philosophy	
Junior Open Option	

### Year 2

#### Foundations that inform Registered Nursing Practice

#### Term 3 and 4

NRSRG 305	Microbiology and Biochemistry
NRSRG 310	Foundations of Relationship
NRSRG 320	Care of the Aging Adult
NRSRG 321	Care in the Community
NRSRG 350	Care of the Aging Adult Practicum
NRSRG 351	Health Promotion Practicum
NRSRG 330	Nursing Amid Complexity
NRSRG 331	Pathophysiology 1
NRSRG 332	Pharmacology 1
NRSRG 352	Acute Care Nursing 1

### Year 3 (Register with the U of C)

**Nursing courses listed below are University of Calgary courses. Refer to the University of Calgary calendar course descriptions.**

#### Terms 5, 6 and 7

NRSRG 401	Evidenced Informed Nursing
NRSRG 430	Pharmacology 2
NRSRG 450	Consolidated Practicum
NRSRG 530	Pathophysiology 2
NRSRG 410	Nursing as Ethical Practice
NRSRG 531	Pathophysiology 3
NRSRG 420	Health Through Collaboration
NRSRG 421	Mental Health and Illness
NRSRG 550	Acute Care Nursing 2
NRSRG 551	Mental Health Practicum
Taken in year 3 or 4:	
NRSRG 520	Care in Perinatal
NRSRG 521	Care in Pediatrics
NRSRG 552	Care in Perinatal Practicum
NRSRG 553	Care in Pediatrics Practicum

### Year 4 (register with the U of C)

#### Terms 7 and 8

NRSRG 501	Nursing Leadership (Fall Semester)
Open Science Option (Fall Semester)	
NRSRG 420	Health Through Collaboration
NRSRG 421	Mental Health and Illness
NRSRG 510	Resilience in Practice
NRSRG 550	Acute Care Nursing 2
NRSRG 551	Mental Health Practicum
NRSRG 560	Final Preceptorship
Taken in year 3 or 4:	
NRSRG 520	Care in Perinatal
NRSRG 521	Care in Pediatrics
NRSRG 552	Care in Perinatal Practicum
NRSRG 553	Care in Pediatrics Practicum

### Academic Standing

#### Performance Review, Probationary Status and Required to Withdraw

Progression from year-to-year is by recommendation of the program. For the purposes of progression, terms 1 and 2 are taken in year 1; terms 3, 4 in year 2; terms 5, 6 in year 3 and term 7, 8 in year 4. The minimum requirement is a grade point average of 2.00 in each of the first two years and 2.50 in each of the last two years.

Academic standing of students registered in the BScN program are reviewed at the end of each Fall and Winter Term as per the Academic Standing Requirements.

The Nursing program reserves the right to assess students' academic standing at any time.

#### Academic Standing Requirements:

End of Terms 2 and 4

2.00 GPA or above: In Good Academic Standing

1.70 – 1.99 GPA or required to repeat any nursing course: Continuation in Nursing on probation

0.00 – 1.69 GPA: Required to withdraw from the program

End of Terms 6 and 8

2.50 GPA or above: In Good Academic Standing

2.00– 2.49 GPA or required to repeat any nursing course: Continuation in Nursing on probation

0.00 – 1.99 GPA: Required to withdraw from the program

Students will be required to clear probation by repeating all corequisite nursing theory and practice courses in the previous term(s) and achieve satisfactory standing. The student must meet with the Nursing Program Chair (or delegate) to determine a progression plan.

All MHC credit courses that have been completed since the previous review are used for the purpose of academic review. This includes all attempts at repeated courses.

MHC regulations permit students a maximum of one probationary period while registered as an undergraduate student. Students who are on academic probation will have to maintain satisfactory standing (See Academic Standing Requirements) in each subsequent year to continue in the Nursing program.

# NURSING (BScN)

## UNIVERSITY OF CALGARY BACHELOR OF SCIENCE IN NURSING AT MEDICINE HAT COLLEGE

Students required to withdraw may not be readmitted in the twelve-month period following their withdrawal. Written application must then be made to the Associate Dean of Undergraduate Programs (or delegate).

Students placed on academic probation or required to withdraw as a result of the academic performance review will be advised in writing.

Students required to withdraw may not apply for readmission in the twelve-month period following their withdrawal. Written application must then be made to the Nursing Chair (or delegate).

### Policies Relative to Practice Experience

Students are advised to read the general MHC regulations regarding attendance.

Students may be required to complete practice experience at sites other than the location of their residence. Students' practice experience may also be scheduled at various hours, including evenings, nights and weekends, **Monday through Sunday**. Nursing students are responsible for all travel, parking and accommodation costs related to practice.

Students must demonstrate satisfactory practice performance as delineated in the behavioral objectives of the course. Participation in all activities that are related to practice courses is mandatory. Failure to fully participate in practice and tutorial sessions will be reviewed by the faculty members teaching the course. Students are advised that evaluation will be based in large measure on their day-to-day performance.

Students who miss one or more lab/practice days may be at risk of not successfully completing the course. Students may be asked to withdraw from the course and complete the course requirements at a later date or they may be granted a deferral of term work pending availability of resources. If mandated to withdraw from the practice course, the student may be required to also withdraw from corequisite nursing theory courses and repeat at a later date along with the practice course. Each situation will be reviewed on an individual basis by the Nursing Chair (or delegate).

An instructor who determines that a student is not meeting nursing practice or otherwise poses a risk to client health and safety; or public health more generally, will initiate a Practicum Intervention. Expectations are based on the College of Registered Nurses of Alberta (CRNA) and the Canadian Nurses Association (CNA) standards. If the final outcome of the Practice Intervention results in a grade of "F", the student may appeal such a decision by following the appeals process.

The Faculty of Nursing follows CRNA's Practice Standards for Registrants which states: "Standards of practice are foundational to the provision of safe, competent and ethical registered nurse (RN) and nurse practitioner (NP) practice." (<https://nurses.ab.ca/media/1mkkxvxi/practice-standards-for-registrants-2023.pdf>).

### Unsatisfactory Standing

The Nursing program may refuse permission to a student or prospective student to enter any year of any course, if, in the opinion of the Nursing Chair or designate, the student shows a lack of general educational attainment. Further, a student whose performance in the practice area, in the classroom, in tests, or in final examinations is unsatisfactory, may at any time be required to withdraw from the Faculty.

### Graduation Requirements

To be awarded the Bachelor of Science in Nursing degree from the University of Calgary: Students must maintain a minimum grade point average of 2.00 at the end of Terms 2 and 4 and 2.50 at the end of term 6 and 8.

### Reappraisal/Appeals

Appeals in terms 1, 2, 3, and 4 will be governed by Medicine Hat College regulations and procedures.

Appeals in terms 5, 6, 7 and 8 initiated by students at Medicine Hat College Site will be governed by the University of Calgary's and Faculty's regulations and procedures.

### Other Expenses

In addition to textbooks and course packages, Nursing students can expect other additional charges. Some of these may be included the supplemental fees associated with some lab courses, while others are an additional expense beyond the tuition and fees. Examples include:

Uniforms (as outlined in the Uniform Policy)

- Stethoscope
- Police Information Check
- CPR Certification/Re-certification
- Immunizations
- N-95 Fit Test
- Travel to and from practice sites
- Parking fees at practice sites
- Name badges
- Nurse Registration Examinations
- Lab equipment

### Duration of Degree Program

Except with special permission of the Associate Dean Undergraduate Programs (or delegate), the BScN degree must be completed within seven calendar years from the date of initial registration in the program.

### Nurse Registration Examinations

In order to be considered eligible to write the National Council Licensure Examination (NCLEX) students must successfully complete the Nursing program and have their confirmation or program completion provided to CRNA or the relevant regulatory body.

# OCCUPATIONAL THERAPIST ASSISTANT/ PHYSICAL THERAPIST ASSISTANT DIPLOMA

## Academic Advising Office

Phone: 403.529.3819

The Occupational Therapist Assistant/Physical Therapist Assistant (OTA/PTA) career is aimed at improving patient/clients' health, movement, and quality of life. OTA/PTA's work under the direction and supervision of Occupational Therapists (OT) to help clients successfully perform daily activities related to self-care, leisure, and work, school or play. They also work under the direction and supervision of Physiotherapists (PT) to help provide treatment to help patients recover from illness or injury to improve patient mobility, relieve pain, and prevent and/or lessen physical limitations.

A successful OTA/PTA is a compassionate and creative individual who enjoys working with people and being part of the health care and rehabilitation team. Working with clients of all ages ranging from infants to older adults with a variety of health conditions, students learn how to use a variety of interventions to help clients achieve their functional potential. The activities may include games; group activities; exercise for strength, flexibility, balance and coordination; use of assistive devices, and various electrotherapy and physical modalities. An OTA/PTA may work with clients who have conditions such as back pain, arthritis, heart disease, stroke, cerebral palsy, autism, mental health disorders or dementia among others. An OTA/PTA's responsibilities also include monitoring and recording client progress, and reporting the information back to the OT or PT. Offered on-site in Medicine Hat or online, the first nine courses are common to two different diplomas:

- Occupational Therapist Assistant/Physical Therapist Assistant, and
- Speech-Language Pathologist Assistant.

The OTA/PTA program has limited enrollment for both onsite and online delivery. The OS program has one start date (September); the online program has two start dates (September and January).

This program is flexible in that the majority of the first 10 courses are common to both the OTA/PTA and Speech Language Pathologist Assistant (SLPA) diplomas. This unique approach provides students with an excellent core upon which to build more specific skills depending on their interests. Along with extensive classroom training, students participate in experiential learning and practicum/fieldwork training with potential employers in hospitals, private clinics, home care settings, schools, and community programs.

The diploma is offered both On site onsite (OS) at Medicine Hat College or via online. OS is a two-year (five semester) diploma program, whereas online is completed over a longer period of three to five years. Students may wish to continue on and complete the SLPA diploma after completion of the OTA/PTA diploma. This diploma also transfers to degree programs.

## Program Accreditation

The Occupational/Physical Therapist Assistant Program at Medicine Hat College has been accredited by the Occupational Therapist Assistant and Physiotherapist Assistant Education Accreditation Program (OTA & PTA EAP) in collaboration with Physiotherapy Education Accreditation Canada (PEAC) and the Canadian Association of Occupational Therapists (CAOT). The status of Accreditation was awarded to the program on April 30, 2022 for the period until April 30, 2028.

## Online Learning

- Students enrolled in online learning must develop a program plan of study with the Academic Advisor prior to taking any courses.
- Students enrolled in online learning are expected to participate in experiential learning opportunities that are group or individually based. Students must travel to Medicine Hat College for one weekend lab in each of OPTA 212, OCTA 215, OCTA 216, PHTA 215, and PHTA 216.
- Students normally complete all courses as per the sequence in the program. Courses completed out of sequence will require submission of Prerequisite Waiver forms and approval from the program coordinator.
- Tuition and other fees are charged on a course by course basis; textbooks and supplies are additional.
- Courses offered online may have additional start dates (e.g. September, January, and March)

## Prior Learning and Recognition (PLAR)

Individuals with related prior learning obtained during employment in the Occupational Therapy/Physical Therapy field prior to entering the Occupational Therapy Assistant/Physical Therapy Assistant Diploma may be eligible for Prior Learning Assessment and Recognition. Please refer to the Prior Learning Assessment and Recognition portion of the calendar for further information regarding this process. Please contact the Articulation and PLAR Coordinator at Medicine Hat College for further information.

## Part-Time Program

Students wishing to take an extended or part-time program must receive approval from the program coordinator.

## Career Opportunities

Graduates from this program have very high employment rates. They find employment in both rural and urban locations in most provinces across Canada similar to those experienced in practicum training such as:

- Health regions
- Schools and School Boards
- Private Agencies
- Long-term-care facilities

## Admission Requirements

### High School Route

High school diploma with:

- ELA 30-1 (min. 60%)
- Biology 30 (min. 60%)
- Two 30-level subjects (min. 60%), one of which must be a 30-level science or Math 30-1 or Math 30-2

### Mature Student Route

- ELA 30-1 (min. 60%)
- Biology 30 (min. 60%)

### Transfer Student Route

A minimum mark of 60% or a minimum C grade in:

- ELA 30-1 or a post-secondary level equivalent
- Biology 30, a post-secondary level equivalent or a university level lab science course

# OCCUPATIONAL THERAPIST ASSISTANT/ PHYSICAL THERAPIST ASSISTANT DIPLOMA

## English Language Proficiency

Students also need to meet English Language Proficiency at a higher level than the general college. For the International English Language Proficiency System (IELTS) students must have an overall band score of 7.0 with no band score less than 7.0.

## Pre-Program Requirements

After being admitted into the program, but before the documentation deadline outlined in the application letter, the following must be provided:

- Complete a standardized health form, program of immunization. Students will receive a health questionnaire and immunizations checklist that must be completed. In some cases, a chest xray may be required
- Provide a current Police Information Check (PIC) with Vulnerable Sector Check. (Students are obligated to inform the Program Coordinator immediately of any change in the status of their criminal record.) A positive PIC may prevent fieldwork placements and, as a result, completion of the program.
- Provide current Intervention Record Check (Alberta Residents only)

During the program, students must:

- Provide proof of current CPR/AED Certification from one of the following:
  - Heart & Stroke Foundation (BLS- Basic Life Support)
  - Canadian Red Cross (HCP - Health Care Providers)
  - St. John Ambulance (CPR - Health Care Provider)
- Obtain an N-95 Mask Fit Test

## Program Requirements

### First Year

#### Fall OS or Group 1 Online

IDST 100	Introductory Communications for Helping Professionals
ENGL 1XX or ENGL 2XX	
KNES 261	Human Anatomy
PSYC 2XX	(PSYC 201 recommended)
TAPC 110*	Introduction to Health Care and Rehabilitation

#### Winter OS or Group 2 Online

KNES 265	Functional Anatomy
Junior SOCI	
TAPC 111	Rehabilitation Process
TAPC 112	Health Disorders & Conditions in Rehabilitation
TAPC 113	Growth and Development for Rehabilitation Service Providers

#### Spring OS or Group 3 Online

OPTA 212	Principles and Techniques of Client Contact
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### Second Year

#### Fall OS or Group 4 Online

OCTA 215	OTA Therapeutic Processes I
OCTA 216	OTA Therapeutic Processes II
PHTA 215	PTA Therapeutic Processes I
PHTA 216	PTA Therapeutic Processes II
TAPC 210	Professional Integration for the Therapist Assistant

## Winter OS or Group 5 Online

OCTA 217*	OTA Therapeutic Processes III
OPTA 217*	OTA/PTA Therapeutic Processes IV
TAPC 218	Career Preparation for the Therapist Assistant
PHTA 217*	PTA Therapeutic Processes III

Note:

\* These courses are fieldwork courses.

## Fieldwork

### Fieldwork Requirements

- All program requirements must be completed appropriately and satisfactorily prior to commencing fieldwork.
- Students who have not successfully met their course and program requirements will not be permitted into the fieldwork courses.
- Fieldwork arrangements are made by Medicine Hat College with consideration of student preferences; however, students may be required to complete fieldwork at sites other than those requested. Once arrangements are confirmed, they are usually not modified.
- Students should expect to complete at least one fieldwork course/placement outside of Medicine Hat.
- Online students may also be required to travel outside of their home area to complete their fieldwork requirements.
- Students may anticipate additional costs associated with these placements, e.g., travel, accommodations, etc.
- At this time, fieldwork placements occur only in Canada.
- Fieldwork placements are full-time placements.

### Continuation Specific to Fieldwork

- Immunizations required must be up to date prior to program start date of shadowing and fieldwork placement(s).
- Participation in all activities related to fieldwork is mandatory.
- Immunizations must be maintained throughout the program. Additional immunizations may be required for fieldwork.
- Students must successfully complete lab examinations in OPTA 212, OCTA 215, OCTA 216, PHTA 215, and PHTA 216 prior to entering fieldwork.
- All fieldwork experience must meet attendance and participation requirements as specified.
- Should a student receive an unsatisfactory evaluation on a fieldwork placement, they will be required to discuss this situation with Medicine Hat College faculty. This evaluation may result in having to repeat the placement.
- Students that receive an unsatisfactory evaluation in more than one placement, will be required to withdraw from the program.
- Students may be required to obtain a recent police information check and/or similar checks, at their expense, prior to entry into some fieldwork sites.
- Should a performance and/or health be questionable in relation to the delivery of safe client care and/or the maintenance of the professional standards of the program, they may be asked to leave the fieldwork site and may not receive credit in the fieldwork course.

# OCCUPATIONAL THERAPIST ASSISTANT/ PHYSICAL THERAPIST ASSISTANT DIPLOMA

## Continuation Requirements

- Students must adhere to the professional commitment as outlined in the Therapist Assistant Programs Student Handbook. Failure to do so may result in dismissal from the program.
- Students must complete the program within three years of successful completion of OPTA 212.
- All OCTA, OPTA, PHTA, TAPC, KNES, and IDST 100 courses must be completed with minimal final grades of C.
- Students must earn a final grade of at least C- in all other courses.
- In order to continue in the program, a current and cumulative grade point average of at least 2.0 is required at the end of each semester.
- Attendance in all courses is considered essential.
- Students will usually be permitted to repeat a particular OTA/PTA course (OCTA, OPTA, PHTA, TAPC) only once.
- Students are normally expected to complete courses in the sequence outlined in the calendar. Courses taken in a sequence other than what is outlined (including deferring courses into other terms) may compromise your standing in the program. This also facilitates proper planning for labs and fieldwork.

## Graduation Requirements

Students must successfully complete 20 specific courses and meet attendance, fieldwork and grade requirements as set out in the program policies.

## Transfer & Pathways

Students should consult Transfer Alberta for information regarding transfer credit and pathways for programs and individual courses.

### Athabasca University

Graduates are eligible to receive up to 60 credits towards the Bachelor of Professional Arts - Human Services Major. Students should contact an AU Academic Advisor for further information. .

### Thompson Rivers University

Graduates are eligible to receive advanced credit toward the Bachelor of Health Science or the Bachelor of General Studies. Students should contact a TRU Academic Advisor for further information.

### University of Calgary

Graduates may be eligible to apply to the two-year post-diploma Bachelor of Community Rehabilitation (BCR). Please contact a U of C Academic Advisor for further information regarding admission into this program. This pathway is currently under review; please contact [transfer@mhc.ab.ca](mailto:transfer@mhc.ab.ca) for confirmation on status.

### Humber College Institute of Technology and Advanced Learning

Graduates with an overall GPA of 65% may be eligible to receive advanced standing into the second year of the Bachelor of Health Sciences, Workplace Health and Wellness. Applicants must possess the equivalent to Grade 12 English (ENG4U) with a minimum 65% and the equivalent to Grade 12 Biology (SBI4U). Students should contact an Academic Advisor at Humber College of Institute of Technology and Advanced Learning for further information.

## International Transfer

### The University of Northampton, United Kingdom

Graduates are eligible to apply to the Bachelor of Science (Hons)-Occupational Therapy. Students should contact an Academic Advisor for further information. This pathway is currently under review; please contact [transfer@mhc.ab.ca](mailto:transfer@mhc.ab.ca) for confirmation on status.



# PARAMEDIC BACHELOR OF APPLIED HEALTH SCIENCES DIPLOMA AND APPLIED DEGREE

**Academic Advising Office**  
Phone: 403.529.3819

The Bachelor of Applied Health Sciences (Paramedic) Degree has been created to meet the emerging needs of patients, practitioners, and employers. The Bachelor of Applied Health Science (Paramedic) Degree is a provincially approved program for Primary Care Paramedic and Advanced Care Paramedic within The Alberta College of Paramedics. The program prepares practitioners in accordance with the Paramedic Association of Canada's National Occupational Competency Profile for Paramedics and equips the student to write the Canadian Organization of Paramedic Regulators (COPR) registration examinations. The Medicine Hat College curriculum extends beyond the learning of discipline specific skills to encompass broader learning goals that will prepare the graduate to excel in the present as well as the future health care environment. Transferability of some courses, which are taught from a multidisciplinary perspective, enhances the educational opportunities for graduates.

As the curriculum bridges the student through the PCP scope towards the ACP, the program at MHC does not have a standalone PCP section, however students may exit the program following the completion of all PCP didactic theory, competencies, and practicums. Student transcripts will reflect the completion of the PCP criteria so students can challenge the registration exam. (Please note: the PCP completion point occurs after year one when practicums are completed between July and end of August. Students may need to return in early September of year 2 to attain any deficient competencies. Please refer to program coordinator for more information). Students will exit the program in year 3 with the ACP diploma following all didactic theory, practicums, and attainment of all competencies. The Applied Degree is available to students following graduation via online learning.

Paramedics think critically and clearly, act quickly, and respond calmly, while reassuring patients and families in a variety of stressful situations. Paramedics possess general skills in patient management and communication as well as skill sets specific to their discipline. Paramedics are confident and assertive in their professional role. They seek to understand the roles of other professionals and strive to work in a collaborative manner with a variety of health care disciplines. Paramedics accept responsibility and demonstrate personal integrity and the ability to work with people from diverse backgrounds. A paramedic responds to both emergent and non-emergent health care and transport needs with individuals, groups and, if necessary, in a mass casualty multidisciplinary environment.

## Career Opportunities

There is a high demand for paramedics who are employed by public and private ambulance services provincially, nationally and internationally. Paramedics also work in a variety of industrial and community-based emergency health settings.

## Admission Requirements

Admission to the program is competitive, meaning students with higher grades will be considered first.

### High School Route

Overall average of at least 60% and a minimum mark of 50% in ELA 30-1

- Biology 30
- Math 30-1 or Math 30-2
- One 30-level, 5-credit subject (CHEM 30 is recommended)

### Mature Student Route

Overall average of at least 60% and a minimum mark of 50% in:

- ELA 30-1
- Biology 30
- Math 30-1 or Math 30-2

### Transfer Route

Previous post-secondary coursework may be considered for admission. If students have previous post-secondary education, they should meet with the MHC Paramedic Advisor for information on how their coursework will be considered in the admission process.

### Additional Selection Criteria

All applicants to Medicine Hat College's Bachelor of Applied Health Science (Paramedic) program meeting the minimum admission requirements will be required to complete a computer-based online assessment (Casper Test), in addition to meeting academic requirements. The Casper Test is a specific situational judgement test that assesses non-cognitive skills and interpersonal characteristics that are important for successful students and graduates of the Paramedic program. Successful completion of Casper is mandatory in order to maintain admission eligibility and an applicant's score is a selection factor that is considered in the admission decision process. The dates available for the Casper test for the current admission cycle are available on the Casper website. The Casper test can only be written once within an admission cycle and test results are only valid for one admission cycle. (Applicants who have already taken the test in previous years will therefore be expected to re-take the test).

#### NOTES:

*EMR completed within the previous three calendar years may apply for transfer credit for Para 100.\*\* EMT/PCP from an Accreditation Canada accredited program or Alberta College of Paramedics approved program and completed within the previous three calendar years may apply for transfer credit for PARA 100, PARA 105, PARA 115, PARA 125, PARA 130, PARA 135, PARA 145 and PARA 150. Awarding of credit is also dependent on work experience since the time of EMT/PCP program completion. Program specific guidelines for awarding of transfer credit are available from the Program Coordinator.\*\* for students that did not complete the Medicine Hat College diploma*

# PARAMEDIC - BACHELOR OF APPLIED HEALTH SCIENCES DIPLOMA AND APPLIED DEGREE

## English Language Proficiency Requirement

Individuals applying for the program who do not have English as their first language must present a minimum score of 237 on the computer-based Test of English as a Foreign Language (TOEFL) and a score of 50 on the Test of Spoken English (TSE), or a minimum score of 580 on the paper-based TOEFL examination and a score of 50 on the TSE.

For the International English Language Testing System (IELTS) students must have an overall band score of 7.0 with no band score less than 7.0.

## Pre-Professional Requirements

After being admitted into the program, but before the documentation deadline outlined in the application letter, the following must be provided:

- proof of current CPR with the Heart & Stroke Heart saver AED (C) CPR or BLS Provider (only Heart and Stroke certification will be accepted). Applicants that have challenges attaining a course prior to the first day of classes, may have the option to complete the course on site within the first few weeks. (Please see the application package for more information)
- students will receive a health questionnaire and immunizations checklist that must be completed. In some cases, a chest x-ray may be required
- a recent Police Information Check (within two months) prior to the first day of classes. Periodic Police Information Checks may be required prior to practicum and work experience to maintain current status throughout the program and to comply with provincial laws. Students are obligated to inform the Program Coordinator immediately of any change in the status of their criminal record. Valid Class 5 Drivers license or GDL to meet driver training requirements (Confirmation of DL is required no later than August 1 or will not be permitted to complete the course in August).

*NOTE: Failure to submit the other pre-professional requirements before the first day of class will result in a hold being placed on the student account and access to class material denied. If the student does not submit all required documents within 14 days of the hold being placed on the account, the student will be required to withdraw from all classes and re-apply for admission to the program in the future.*

## Program Requirements

### First Year

#### Summer

PARA 105 Paramedicine Driver Operator Course (APDOC)

#### Fall

BIOL 275 Basic Human Anatomy and Physiology I  
IDST 100 Introductory Communications for Helping Professionals

PARA 100 Foundations of Paramedic Practice I  
PARA 120 Foundations of Paramedic Practice II

#### Winter

BIOL 277 Basic Human Anatomy and Physiology II  
KNES 247 Introduction to Wellness, Fitness and Nutrition  
PARA 115 Professional Communications for Paramedics  
PARA 125 Assessment and Diagnostics  
PARA 130 Introduction to Paramedic Management of Emergency Situations

#### Spring

PARA 145\*\* Introduction to Primary Care Practice  
PARA 150\*\* Primary Care Practice

### Second Year

#### Fall

PARA 200 Introduction to Advanced Care  
PARA 215 Pharmacology for the Pre hospital Professional  
PARA 220 Paramedic Management of Trauma and Environmental Conditions  
PHSL 200 Pathophysiology  
PSYC 201 Introduction to Psychology II - Social Science

#### Winter

IDST 485 Death and Dying  
PARA 205 Mental Health for First Responders  
PARA 230 Skills and Practice in Patient Modalities  
PARA 240 Management of Special Population Groups  
PHIL 313 Bioethics

#### Spring

PARA 210 Advanced Critical Care Practice

### Third Year

#### Fall

PARA 300 Advanced Care Paramedic Practice I  
PARA 305 Advanced Paramedic Care

#### Winter (Diploma Exit Only)

PARA 310 Advanced Care Paramedic Practice II

### Post-ACP BAHSc - Applied Degree (via online learning)

Courses required (recommended sequencing)

PARA 452 EMS and the Canadian Health System  
PHIL 313 Bioethics  
PARA 453 Community Focused Theory  
MGMT 243 Human Resources Management  
PARA 454 Leadership in Health Care  
STAT 333 Statistics for the Life Sciences  
PARA 455 Research  
PARA 470 Paramedic Work Term I  
PARA 480 Paramedic Work Term II

#### NOTES:

*EMR completed within the previous three calendar years may apply for transfer credit for Para 100.*

*\*\* EMT/PCP from an Accreditation Canada accredited program and completed within the previous three calendar years may apply for transfer credit for PARA 105, PARA 100, PARA 120.*

# PARAMEDIC - BACHELOR OF APPLIED HEALTH SCIENCES DIPLOMA AND APPLIED DEGREE

PARA 115, PARA 125, PARA 130, PARA 145 and PARA 150. Awarding of credit is also dependent on work experience since the time of EMT/PCP program completion. Program specific guidelines for awarding of transfer credit are available from the Program Coordinator.

++ for students that did not complete the Medicine Hat College diploma

## Practicum

Students may be required to complete clinical and field experiences at sites throughout Alberta and Saskatchewan. Clinical and field experiences may be scheduled days, evenings, nights, and weekends. Depending on our site capacity, students may have a delayed start or an extended rotation falling outside of the regular program schedule to complete the placement requirements. Participation in all activities related to practical experiences is mandatory. Students are expected to make accommodation for commitments outside the city to fit this scheduling. Questionable performance and conduct at any time may result in dismissal from the practicum site and a failing grade in the course.

## Continuation Requirements

### Student Standing

To maintain satisfactory standing, students must attain:

- a minimum of a B grade in all PARA courses throughout the program (Diploma Only). If unsuccessful in a PARA course, you will be required to repeat the unsuccessful and all concurrent PARA courses within that semester to ensure a safe and competent continuation in the program (dependent on seat availability)
- a minimum of a pass in the practicum component of all courses. (A fail in a practicum course will require you to repeat the course before progressing to further PARA courses)
- a minimum of a C- in all support courses. To accommodate the repeated course, the current cohort will need to be below quota and note that there is no guarantee of an available practicum placement)
- students will be permitted to repeat a course only once (PARA and support courses)

### Satisfactory Standing

- Students must maintain a cumulative minimum GPA of 2.0 throughout the program.
- Students that defer clinical or practicum and/or have been deemed unsuccessful must complete a remediation process which may contain an assessment or coursework deemed necessary by the assigned instructor to returning to the program.
- Depending on the results of the assessment or coursework further remediation may be required prior to commencing practicum.
- Students may only be absent from the program for one calendar year. A longer absence will require reapplication and readmission to the entire program.
- The diploma program must be completed within 6 years of initial entry.
- Degree courses must be completed within five (5) years of starting the degree component.

### Registration Exams

For employment purposes, students may elect to challenge the Canadian Organization of Paramedic Regulators (COPR) registration examinations for both PCP (second year) or ACP (post-graduation at the diploma). This is not a requirement of the program nor the Alberta College of Paramedics to remain in good Paramedic - Bachelor of Applied Health Sciences Diploma and Applied Degree standing within the program. All costs related to registration, travel, accommodation, and meals are the student's responsibility. Further information is available on the COPR website.

### Fitness Requirements

A career as a Paramedic requires a high level of physical and emotional well-being. Students must be able to demonstrate the physical capabilities to safely maneuver stretchers and equipment and be emotionally capable to deal with trauma and high stress situations. In the event of illness students must present a medical clearance certificate prior to returning to the program.

### Uniforms

Students will be required to buy uniforms and appropriate foot wear. Uniforms will be ordered in the first semester of the program. Students will also be responsible for purchasing a pen light, stethoscope, trauma shears, trauma glasses, and an emergency vest.

### Electronic Charting

Students may need to purchase a wifi enabled device for completing patient care reports and competency tracking during practicum. Further information will be provided within the first semester.

### Required Withdrawal

Students will be required to withdraw if they fail to obtain satisfactory standing in a second attempt at a PARA course. (Please refer to Medicine Hat College Academic Policies regarding further details related to probation and dismissal).

Students in the paramedic program are expected to exercise responsible conduct that reflects favorably on them, the program and the Medicine Hat College.

## Graduation Requirements

- Students must obtain a minimum of B grade in all PARA courses (Diploma only)
- Students must obtain a minimum of a C- in all support courses
- Students must pass all practica
- Students must attain all National Occupational Competencies

# POWER ENGINEERING DIPLOMA

## Academic Advising Office

Phone: 403.529.3819

Power Engineering is a challenging field of study with good employment opportunities and advancement potential. This two-year technology program is structured to provide the necessary knowledge, support, and hands-on experience to gain an edge in launching a career. Many job postings will ask for experience or involvement in a two-year Power Engineering diploma program.

Government regulations in Canada require that certified Power Engineers operate large energy systems. Alberta Power Engineers advance through a series of “classes” which are obtained through a combination of work experience, education, and passing ABSA (Alberta Boiler Safety Association) certified exams. ABSA, industry, and the educational institutes are working together to promote the safety and reliability of students entering the Power Engineering work force.

Industry-experienced instructors guide students through the 4th, 3rd, and 2nd class part A theory. The modern Power Engineering Lab reinforces the theory with practical experience.

Students gain knowledge and confidence under the watchful eye of experienced operators. Safety protocols, teamwork, and communication are highly stressed. ABSA rewards the skills students gain through a two-year technical program by reducing the amount of work experience required in the field.

*NOTE: By current ABSA regulations: Students may acquire a fourth class certificate after passing the 4th class theory & labs, completing college arranged field placement, and passing the ABSA 4th class exams. Safety courses required for the field placement are WHMIS and First Aid with CPR.*

Students are required to independently find three months of “Steam Time”, complete the two year college program and pass the ABSA third class exams before a third class certificate is awarded. Second class ABSA exams can be written after being awarded a third class certificate.

Upon successful completion of the entire program, students will be granted a diploma in Power Engineering Technology. Course content may vary from those listed in the calendar due to updates or changes to each level of competency.

## Career Opportunities

Some examples of industry where graduates find employment are: oil and gas, petrochemical, food processing, power generation, manufacturing plants, hospitals and other large commercial buildings.

## Admission Requirements

### High School Route

- ELA 20-1 (60%) or ELA 20-2 (60%)
- Math 30-1 (60%) or Math 30-2 (60%)
- Physics 20 (60%)

### Mature Student Route

- ELA 20-1 (60%) or ELA 20-2 (60%)
- Math 30-1 (60%) or Math 30-2 (60%)
- Physics 20 (60%)

Even though a high school diploma is not required for program admission, some employers may require it.

## Program Requirements

### First Year

#### Block 1 (September - November)

PLAB 116	First Lab
PLAC 111*	Work Practicum
POWE 161	Introductory Mechanics & Thermodynamics, Legislation and Safety
POWE 162	Introductory Electricity and Instrumentation, Materials, Welding and Safety
POWE 163	Introduction to Boilers, Environment, Communication

#### Block 2 (December - February)

PLAB 117	Second Lab
POWE 166	Lubrication, Pumps, Compressor, Boiler Safety and Operation
POWE 167	Maintenance, Water Treatment, Prime Movers/ Engines and Auxiliary Building Systems
POWE 168	Refrigeration & Air Conditioning and Types of Plants

#### Block 3 (February - May)

PLAB 118	Third Lab
POWE 151	Intermediate Mechanics & Thermodynamics
POWE 152	Metallurgy
POWE 153	Codes & Drawings
POWE 154	Intermediate Electricity & Instrumentation

### Second Year

#### Block 4 (September - December)

PLAB 219	Fourth Lab
POWE 260	Intermediate Boilers
POWE 261	Intermediate Prime Movers
POWE 262	Water Treatment & Special Equipment

# POWER ENGINEERING DIPLOMA

## Block 5 (January - April)

POWE 265	Advanced Boilers
POWE 266	Advanced Pumps & Water Treatment
POWE 270	Advanced Codes
POWE 271	Plant Installation & Management
POWE 272	Advanced Mechanics
POWE 280	Advanced Thermodynamics
POWE 281	Advanced Metallurgy

\* You are responsible for the cost of obtaining safety certification in Standard First Aid with CPR, H2S Alive, and Confined Space Entry before being eligible for PLAC 111 (Work Practicum). Copies of these safety certificates must be on file with the PLAC 111 instructor by the date stated in the course outline.

## Graduation Requirements

To successfully complete this program you must:

- obtain a minimum grade of C- in all POWE and PLAB courses
- achieve mandatory 100% attendance in all lab courses (PLAB)

### Time Limits for Program Completion

You are allowed up to five years to complete the diploma route.

## Transfer & Pathways

Students should consult Transfer Alberta for information regarding transfer credit and pathways for programs and individual courses.

### Athabasca University

Graduates are eligible to receive block transfer of 30 credits toward post-diploma Bachelor of Science - Human Science Major, post-diploma Bachelor of Science - Applied Mathematics Major, or the Bachelor of Science - Computer and Information Systems Major. Students may receive up to 30 additional credits on a course-by-course basis, provided courses in the diploma fulfill requirements of AU's Bachelor of Science Post-Diploma programs.

Graduates are eligible to receive block transfer of 60 credits towards the post-diploma Bachelor of Science - General Science Major. Students should contact an AU Academic Advisor for further information.

### NAIT

Graduates may be eligible for admission into Bachelor of Technology. Please contact NAIT for further information regarding admission into this program. This pathway is currently under review; please contact [transfer@mhc.ab.ca](mailto:transfer@mhc.ab.ca) for confirmation on status.

# PRACTICAL NURSE DIPLOMA

## Academic Advising Office

Phone: 403.362.1682 (Brooks Campus)  
or 403.529.3819 (Medicine Hat Campus)

The Practical Nurse program is a two-year (5 semester) diploma program that prepares students to become a Professional Licensed Practical Nurse (LPN). Students will gain knowledge, skills and learn the practical competencies required by the College of Licensed Practical Nurses of Alberta (CLPNA) to become a certified LPN. This program prepares graduates to work as valued members of a health care team within a multidisciplinary environment. The LPN graduate will encompass a wide range of skills that are applicable in various health-care settings. The LPN scope of practice has broadened significantly within the decade which has increased the demand for more nurses.

The Practical Nurse program of Medicine Hat College utilizes a conceptual framework called the "Concept of Caring"; this conceptual framework provides an opportunity for reflection on nursing education and practice. "Caring" is the central concept in which the curriculum is based. Practical Nurses apply the nursing process using health assessments that consider physical, social, emotional, cultural and spiritual needs of clients. Practical Nurses work with clients, families and other members of the health care team to develop a plan of care that will best meet the client's needs. Practical nurses assist the client with activities of daily living, carry out prescribed procedures and treatments while maintaining a safe and comfortable environment.

Learning involves a variety of teaching methods, as well as instructor and preceptor supervised clinical experiences. Classes and laboratory experiences are provided at the Brooks Campus. However, students will be required to travel to other locations in the region for clinical and practical learning experiences.

Graduates of the program are eligible for licensure through the College of Licensed Practical Nurses of Alberta upon payment of a fee of \$675 (subject to change) and successfully passing the national practical nurse examination (Canadian Practical Nurse Registration Exam or CPNRE).

## Career Opportunities

Practical nurses provide care to patients and clients in a number of settings, including:

- hospitals
- continuing care
- community
- industry
- clinics

Practical nurses work as:

- staff nurses
- team leaders or charge nurses

Current employment opportunities are active, with Canadian statistics suggesting a shortage of approximately 110,000 nurses (registered and licensed practical nurses) by the end of this decade.

## Pre-Program Requirements

### Immunization Requirements

All PN students are required to complete a series of immunizations and diagnostic tests as outlined on the Student Immunization Form. Documented proof of completion must be provided to the Administrative Assistant, School of Health and Community Services, prior to commencement of the program.

Throughout the PN program, students are required to ensure that immunizations are current and must provide proof of updates. Failure to do so may result in students being removed from practice courses until adequate proof has been provided. Please note requirements may change during the program as determined by Alberta Health Services.

### N-95 Fit Testing

All PN students must be fit tested for a N-95 mask prior to commencement of Clinical. Documented proof of a fit test must be provided to the Administration Assistant, School of Health and Community Service prior to commencement of the program. Failure to do so may result in students being removed from practice courses until adequate proof has been provided. Fit testing is valid for two years; therefore, students must present proof of a second fit testing at the time of expiration.

### Police Information Check

All applicants to the Practical Nurse Program are required to provide a current Police Information Check (PIC), which includes a Criminal Record Check, Vulnerable Sector Search and a Intervention Record Check. In order to be considered 'current', these documents must be completed during the three months prior to admission (i.e. June 1 – August 31 for Fall admission). Without this documentation, admission to the Faculty will be rescinded.

Students who are concerned about the presence of a criminal record should contact the PN Coordinator. Students need to keep

## Admission Requirements

### High School Route

- ELA 30-1 (min. 60%) or ELA 30-2 (min. 70%)
- Math 20-1 (min. 60%), or Math 20-2 (min. 70%)
- Biology 30 (min. 60%) or Bow Valley College ANAT 1101 (min. 60%)

### Mature Student Route

- ELA 30-1 (min. 60%) or ELA 30-2 (min. 70%)
- Math 20-1 (min. 60%) or Math 20-2 (min. 70%)
- Biology 30 (min. 60%) or Bow Valley College ANAT 1101 (min. 60%)

There is a winter intake for the program, which is held on the Medicine Hat campus and is open only to domestic students.

# PRACTICAL NURSE DIPLOMA

Failure to present clear documentation may result in admission being denied/rescinded. Subsequent to admission and at any time during the program, a student may be required to produce current documentation, the results of which could require their withdrawal from the program. Students are required to inform the Faculty immediately of any change in status of their criminal record.

## Cardio Pulmonary Resuscitation Certification

All PN students will be required to submit proof of current CPR Certification (valid for a 12 month period from date of course completion) which includes a Health Care Provider component prior to the commencement of clinical practice courses. Students will be responsible for obtaining course training and certification. Students without this documentation may be removed from practice courses until adequate proof has been provided.

## International Students

A co-op work permit is required for practicum as well as a student visa; please contact our International Education Office for information (phone 403.504.3615 or [www.mhc.ab.ca/information-for-international](http://www.mhc.ab.ca/information-for-international)).

## Program Requirements

### First Year

#### Fall

BIOL 152	Anatomy and Physiology for Practical Nurses
PRNU 156	Nursing Theory I & Nursing Science Lab I
PSYC 153	Growth and Development for Practical Nurses
SOCI 201	Introductory Sociology
Junior ENGL	

#### Winter

PHSL 200	Pathophysiology
PRNU 158	Clinical Experience I - Continuing Care
PRNU 160	Adult Health Assessment Theory and Lab
PRNU 162	Applied Pharmacology & Medication Admin Lab
PRNU 166	Nursing Theory II & Nursing Science Lab II

#### Spring

PRNU 168	Clinical Experience II - Continuing & Acute Care
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### Second Year

#### Fall

PRNU 200	Nursing Theory III & Nursing Science Lab III
PRNU 201	Maternal & Newborn and Lab
PRNU 203	Mental Health and Addiction
PRNU 204	Clinical Experience III - Acute Care
PRNU 205	Pediatric Nursing

#### Winter

PRNU 208	Transition to Practical Nursing Graduate
PRNU 209	Community Health Theory and Lab
PRNU 215	Final Practicum

## Clinical and Practica

The Practical Nurse program is an intensive program involving full classroom/laboratory days and clinical days. Clinical experiences, in particular, may be scheduled at various hours, including evenings, nights, and weekends and it is expected that students will make accommodation for commitments outside the program to accommodate this scheduling. Students must be prepared to travel for clinical experiences and/or practica outside of Brooks.

## Performance in Clinical and Practica

Students are expected to observe program policies regarding punctuality, attendance, dress, response to supervision and feedback, and to provide safe, competent nursing care. If performance is questionable in relation to the delivery of safe patient care and/or to the maintenance of the program standards students may be asked to leave the laboratory or clinical site at any time. Continued failure to uphold standards related to safe, professional performance will result in dismissal from the program.

## Program Costs

In addition to tuition and textbook costs, students must plan for the inclusion of costs such as CPR, uniforms, white duty shoes, lab kits, name tag, stethoscope, a watch with a sweep hand, and travel/accommodation for clinical and practicum placements.

## Continuation Requirements

- maintain a C+ in all PRNU courses, BIOL 152 and PHSL 200
- maintain a C- in all other required courses
- a CR (Pass) is required in clinical and practicum courses for successful course completion

Students who are transferring from another nursing program or have been away for more than one year, and will be entering into a clinical course, will be required to demonstrate competence in the knowledge and skills required for that clinical experience prior to the beginning of the clinical course.

*Note: Students can only re-enter the PN Program once, and must complete the program, within five (5) years of initial admission.*

## Final Grades

The final grade in the PRNU theory courses is derived from assignments, unit exams, quizzes, and final exam; and the grade average for each course must be no less than a letter grade of C+. The final grade in lab case scenarios must be 75% or higher or students will receive an F grade for the course. The final grade in the nursing practice clinical courses will be derived from clinical performance and assignments. Clinical objectives must be met in order to achieve a passing grade in Nursing Practice clinical courses.

# PRACTICAL NURSE DIPLOMA

## **Failure to meet performance objectives or learning outcomes**

Throughout the program, instructors will give verbal and written feedback on your performance and progress. If your performance is inconsistent and is not meeting learning course objectives or learning outcomes, you may be placed on a learning agreement. If the terms of the agreement are not met, or if the original behavior occurs after the expiry date of the agreement, you will be unsuccessful in the course and unable to progress in the program.

## **Re-entry to the Program**

A student must indicate their intent to re-enter in consultation with the Academic Advisor, and the Program Coordinator. Students that have failed to meet the performance requirements of the program are required to indicate re-entry into the program at predetermined dates. For re-entry into the fall semester, students must confirm with the Academic Advisor by March 1. For re-entry into the winter semester, students must confirm with the Academic Advisor by July 1. For re-entry into the spring semester, students must confirm with the Academic Advisor by December 1.

## **Graduation**

You must successfully complete all required courses and meet program requirements. The Medicine Hat College Practical Nursing program is approved by the Educational Standards Advisory Committee, a committee of the College of Licensed Practical Nurses of Alberta (CLPNA). New MHC graduates are eligible to apply for a CLPNA Temporary Practice Permit allowing the graduate to work under supervision while waiting to successfully complete the Jurisprudence Examination and the Canadian Practical Nurse Registration Exam (CPNRE).

## **Transfer & Pathways**

Students should consult Transfer Alberta for information regarding transfer credit and pathways for programs and individual courses.

### **Thompson Rivers University**

Graduates are eligible to receive advanced credit toward the Bachelor of Health Science or the Bachelor of General Studies. Students should contact a TRU Academic Advisor for further information.



# SCIENCE (B.SC.)

## UNIVERSITY TRANSFER

For students interested in how the world works and what makes up the earth, a degree in one of the many areas of science might be the right path for you. This program will prepare students to transfer to another institution after they complete a maximum of two years at Medicine Hat College. Bachelor of Science may be in a range of disciplines such as cell biology, immunology and infection, physiology, pharmacology, physics, or zoology.

A Bachelor of Science can be used as a pathway into professional, master's, or after degree programs. Students intending to pursue professional programs can complete pre-professional requirements within the University Transfer Science program. Students can take pre-professional program requirements within the science program towards chiropractic, dental hygiene, dentistry, medical laboratory science, medicine, nutrition, optometry, pharmacy, and veterinary medicine. Students wishing to pursue a professional program are encouraged to seek the advice of an Academic Advisor prior to selecting their courses, as program requirements change yearly and vary by institution.

### Career Opportunities

Agricultural Companies	Consulting	Government	Production/Manufacturing
Agrologist	Dentist or Dental Hygienist	Industrial Laboratories	Registered Dietitian
Analyst	Doctor	Land Reclamation Specialist	Research & Development
Animal Biology (Zoology)	Environmental Consultant	Optometrist	Soil Scientist
Chiropractor	Environmental Science	Pharmaceutical	Veterinarian

### Admission Requirements

Refer to Admissions Chart on page 19.

The University Transfer program at Medicine Hat College provides students with a foundation to be successful in university degrees. The program is possible with the College's participation in Campus Alberta. Admission to all university programs in Alberta is competitive and students are responsible for understanding admission and program requirements.

Program requirements change yearly and vary by institution. Students pursuing an undergraduate degree as a learning pathway to a professional program should consult with a Medicine Hat College Academic Advisor and a representative from the institution they wish to attend. University Transfer students need to ensure they meet both the minimum requirements and competitive requirements for admission.

#### Course Selection

To facilitate the transfer of courses from Medicine Hat College, University Transfer students are encouraged to choose a university and program of study they wish to work towards. With this information, students can consult with their Medicine Hat College Academic Advisor for appropriate program planning.

#### University Transfer

Students are encouraged to consult the academic calendar regarding admission requirements and course selection. A Medicine Hat College Academic Advisor or an University Academic Advisor can help students interpret and apply these requirements. Students are responsible for making informed course choices as part of their academic degree planning. Students may access the Transfer Alberta Search Database online to determine Medicine Hat College course equivalents.

#### Potential Degree Pathways

University of Alberta, Faculty of Science

Website: [www.ualberta.ca/science](http://www.ualberta.ca/science) or [www.ualberta.ca/agriculture-life-environment-sciences/](http://www.ualberta.ca/agriculture-life-environment-sciences/)

University of Calgary, Faculty of Science

Website: [www.science.ucalgary.ca/](http://www.science.ucalgary.ca/)

University of Lethbridge, Faculty of Arts and Science

Website: [www.uleth.ca/artsci](http://www.uleth.ca/artsci)

MacEwan University, Faculty of Arts & Science

Website: [www.macewan.ca/science](http://www.macewan.ca/science)

Mount Royal University, Faculty of Science & Technology

Website: [www.mtroyal.ca/science](http://www.mtroyal.ca/science)

St. Mary's University

Website: [www.stmu.ca/](http://www.stmu.ca/)

Medicine Hat College students can transfer directly into the third year of St. Mary's University's (StMU) Bachelor of Science degree with a major in biology. Students interested in this transfer agreement must meet with a Medicine Hat College Academic Advisor to ensure they understand all admission and transfer requirements.

# SERVICE DOG & CANINE STUDIES MANAGEMENT DIPLOMA

## Academic Advising Office

Phone: 403.529.3819

The Service Dog and Canine Studies Management Diploma provides students with hands-on learning opportunities working directly with Service Dogs in training. This program runs consecutively for 18-months, with five semesters including an 8-week work term in the final semester. Students in this program will be responsible for housing, training and caring for a service dog in training for 12 months.

Medicine Hat College proudly partners with Canadian service dog organizations to provide puppies for our students to raise and train during their time on campus. Students are required to work in groups to raise the dogs through puppyhood and adolescence before they return to their respective organizations to continue training to be placed with a client as service dog. This program explores the use of service dogs to mitigate a person's symptoms of their disability and the disabilities that service dogs are commonly trained to assist. Students will learn about service dogs that are trained as hearing, diabetes alert, seizure response, autism assistance, mobility assistance, PTSD and psychiatric service dogs. Throughout this program students learn to become effective and ethical trainers with the canines and humans they work with. There is a strong emphasis on group work, critical thinking skills and empathetic coaching and communication skills.

Students will learn about animal behaviour, canine learning theory, and dog training methods supported by leading professionals and governing bodies internationally, including the Canadian Veterinary Medical Association. Students will develop and practice positive reinforcement training skills in lab classes with service dogs in training in the program. In addition, students will take business courses including communication, marketing and accounting to prepare them for management components of entrepreneurial opportunities.

This hands-on program prepares students for a career in a wide range of related fields including service dog trainer apprentice, pet dog trainer, kennel manager, animal shelter staff, and a variety of canine related entrepreneurial opportunities. Work Integrated Learning opportunities include service dog organizations, shelters or kennels, or other canine related organizations that give students valuable professional experience working directly with dogs and their human counterparts. This program is especially attractive to students who enjoy working with animals and helping people. Be a part of this growing industry.

## Career Opportunities

Graduates can obtain positions with a variety of organizations and industries. Prospective employment opportunities include:

- Service Dog Trainer apprentice
- Pet Dog Trainer
- Entrepreneurial opportunities as dog walkers, dog sitters and doggy day cares

## Admission Requirements

### High School Route

- ELA 30-1 or 30-2
- Science 30 or Biology 20
- One 30-level, 5-credit subject

### Mature Route (21 years of age or older)

- ELA 30-1 or 30-2
- Any 30 level Science is recommended

### Computer competency requirement

Many of the courses in this program require a level of familiarity and competency with Microsoft Office suite of computer software. Students are advised to enroll in an introductory computer class which includes instruction in commercial business software such as Microsoft Office before beginning this program if your computer skills are limited.

### Pre-Program Requirements

Prior to the first day of classes, students are asked to submit a current Police Information Check. In order to be considered 'current', the PIC must be completed during the three months prior to admission (i.e. June 1 – August 31 for Fall admission). Students are obligated to inform the Program Coordinator immediately of any change in the status of their criminal record.

## Program Requirements

### First Year

#### Fall

CNST 110	Canine Physiology & Care
CNST 111	Puppy Development, Early Foundations & Training
CNST 112	Introduction to Canine Learning Theory and the Human/Dog Connection
COMM 140	Communication in the Workplace
MGMT 161	Management Theory

#### Winter

CNST 114	Obedience Training for Public Access
CNST 120	Introduction to Dog Selection, Assessment & Breeding
CNST 121	Introduction to Assistance Dog Laws
COMM 252	Advanced Business Communications
MKTG 171	Marketing

#### Spring

ACCT 200	Introduction to Accounting
CNST 113	Kennel Technologies
CNST 215	Introduction to Canine Career Pathways
CNST 216	Service Dogs Roles & Task Training
MGMT 263	Organizational Behaviour

# SERVICE DOG & CANINE STUDIES MANAGEMENT DIPLOMA

## Second Year

### Fall

CNST 217	Client Processing & Dog Matching
CNST 218	Introduction to Disability for Service Dog Providers
CNST 219	Common Behaviour Problems, Creating Training Plans & Peer Training
MGMT 270	The Entrepreneurial Experience
MKTG 315	Science of Persuasion

### Winter

CNST 222	Service Dog & Canine Studies Management - Work Term
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## Continuation Requirements

- Prerequisite grades must be C- or higher
- In order to continue in the program, a minimum cumulative grade point average of 2.0 is required at the end of each semester
- Students that do not meet the continuation requirements will be given an academic warning within the Canine Studies program. If students do not meet the requirements for a second time, they will receive a program dismissal from the canine studies program and will be required to withdraw from the Canine Studies program. Students required to withdraw from the Canine Studies program may still be eligible to attend Medicine Hat College and pursue other programs of interest by applying to the program of choice and meeting the entrance and competitive requirements.
- Students that are dismissed from the Canine Studies program are dismissed for one academic year.
- While the college and program will endeavor to inform students of their academic status in a timely manner, students are responsible for monitoring their own academic progress.

## Graduation Requirements

To successfully complete this program students must:

- attain a minimum cumulative GPA of 2.0
- achieve no grade lower than C-
- achieve a grade of CR in CNST 222

## Transfer & Pathways

Students should consult Transfer Alberta for information regarding transfer credit and pathways for programs and individual courses.

Students are encouraged to consult academic calendars of their intended transfer institution regarding admission requirements and course selection. A Medicine Hat College Academic Advisor or a University Academic Advisor can help students interpret and apply these requirements. Students are responsible for making informed course choices as part of their program planning. Students may access the Transfer Alberta Search Tool online at [transferalberta.alberta.ca/transfer-alberta-search](https://transferalberta.alberta.ca/transfer-alberta-search) to determine Medicine Hat College course equivalents.

# SOCIAL WORK DIPLOMA

## Academic Advising Office

Phone: 403.529.3819

This two-year program combines knowledge of the humanities and behavioral sciences, an understanding of social work theory and philosophy, and the development of practical skills through academic classroom study and fieldwork settings. This program is designed to meet the knowledge, skills and practice competencies as defined by the Alberta College of Social Work.

## Career Opportunities

At graduation, students are prepared for employment in a broad range of private health, social, and welfare agencies as well as in provincial and municipal social service, health, and welfare agencies. The program prepares students to do social work with individuals, families, groups, and communities. Upon graduation students are eligible to be registered with the Alberta College of Social Workers. Students who graduate from the Social Work program and work within the scope of Social Work Practice must be registered.

## Admission Requirements

It is in the applicant's best interest to apply early.

### High School Route

A minimum of 60% in each of the following:

- ELA 30-1
- Two 30-level academic subjects
- One 30-level, 5 credit courses

### Mature Student Route

A minimum of 60% in each of the following:

- ELA 30-1 or transferable equivalent
- Two 30-level academic subjects or post-secondary transfer courses

## Program Requirements

### First Year

#### Fall

ANTH 213	Contemporary Indigenous Issues in Canada
IDST 100	Introductory Communications for Helping Professionals
PSYC 201	Introduction to Psychology II - Social Science
SLWK 100	Introduction to Social Work Practice
SLWK 102	Social Problems & Policies

#### Winter

PSYC 351	Developmental Psychology
SLWK 101	Social Work Theories & Practice
SLWK 103	Social Work with Individuals
SLWK 105	Social Work with Groups
Elective	

#### Spring\*

Junior ENGL	
Elective	

### Second Year

#### Fall

PSYC 357	Human Development
SLWK 206	Evidence-based practice in Social Work: Research, Leadership & Indigenous Ways of Knowing
SLWK 208	Social Work with Families
SLWK 212	Social Work Practicum I
SLWK 219*	International Social Work (optional)

#### Winter

SLWK 209	Social Work with Communities
SLWK 211	Social Work with Mental Health, Trauma and Addictions
SLWK 213	Social Work Practicum II
Elective	

#### Spring (Optional)

SLWK 220*	International Social Work Practicum
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\* You may choose to take classes in a different configuration or at a slower pace. Any changes to the above configuration, however, should be discussed with the Program Coordinator or Academic Advisor.

\*Not offered every year. Check with the Program Coordinator.

### Electives

In addition to the specified core courses, students must also complete three additional university transfer courses during the two years of study. Some of these may be taken during Spring semester. Electives may be drawn from any courses which transfer to the University of Calgary as per the Alberta Transfer Guide (available at [www.transferalberta.ca](http://www.transferalberta.ca)).

\*\* Please note in order, to take these courses you will require permission from that departments program coordinator.

## Practicum

Students are selected for practicum on the basis of academic performance, professional suitability, fitness and conduct, and availability of practicum sites.

In order to ensure the protection of clients, students are required to provide up-to-date child welfare and criminal record checks, at their expense, prior to entry into practicum placements. Students are responsible for providing copies of the Alberta Children's Services Intervention Record Check and Police Information Check (PIC), which includes a Criminal Record Check and Vulnerable Sector Search. This is at the student's expense and must be submitted prior to entry into practicum placements. Students are responsible for emailing their documentation to [hstudiesinquiries@mhc.ab.ca](mailto:hstudiesinquiries@mhc.ab.ca) and providing copies of the checks to practicum site supervisors prior to starting placements. Students are obligated to inform the Program Coordinator and the Dean of Health and Community Services immediately of any change in the status of your criminal record. Prior involvement with Alberta Children's Services or a criminal record may limit the practicum options available to you.

# SOCIAL WORK DIPLOMA

Students will be responsible for purchasing a name tag prior to commencing practicum placement. The name tags will be ordered through the bookstore and must be paid for in advance. The name tags are to be worn while the student is in their practicum placement.

If there is evidence that the student is professionally unsuitable or a risk to clients, the student may be prohibited from attending or continuing with a practicum.

## International Practicum

Different opportunities may arise for students to participate in an international practicum. Social Work students from Medicine Hat College may be invited to participate in international practicum placements with other institutions or Medicine Hat College Social Work program may offer this opportunity by itself. In both situations students must go through an application process. Students will be expected to complete all prerequisite requirements before departure.

## Continuation Requirements

In order to continue in the program, a minimum cumulative grade point average of 2.0 is required at the end of each semester

- Students that do not meet one or any of the continuation requirements will be given an academic warning within the social work program. If students do not meet the requirements for a second time, they will receive a program dismissal from the social work program, and will be required to withdraw from the social work program. Students required to withdraw from the social work program may still be eligible to attend Medicine Hat College and pursue other programs of interest by applying to the program of choice and meeting the entrance and competitive requirements.
- Students that are dismissed from the social work program once are dismissed for one academic year
- While the college and program will endeavor to inform students of their academic status in a timely manner, students are responsible for monitoring their own academic program.

Students that have been absent from the program for one calendar year and are returning to complete a course, will be required to meet with the Program Coordinator and Academic Advisor and may be required to successfully complete a comprehensive evaluation.

## Graduation Requirements

In addition to the courses required for graduation the students progress in the program will be reviewed each semester by the program faculty. Should the student be found to be in academic difficulty or should their professional suitability be of concern, they may be referred for remedial assistance or, in extreme cases, asked to withdraw from the program.

- achieve a minimum of a "C" grade in all courses required for the program (i.e. SLWK, ENGL, ANTH, IDST, PSYC)
- one "D" grade allowed in an elective course

The Code of Ethics of the Alberta College of Social Workers will be used as a measure of professional behaviour and suitability.

## Transfer & Pathways

Students should consult Transfer Alberta for information regarding transfer credit and pathways for programs and individual courses.

### Athabasca University

Graduates are eligible to transfer 60 credits toward the Bachelor of Professional Arts - Human Services Major. Students should contact an AU Academic Advisor for further information.

### MacEwan University

Graduates may be eligible to transfer into the Bachelor of Child and Youth Care. Students should contact a MacEwan University Academic Advisor for further information. This pathway is currently under review; please contact [transfer@mhc.ab.ca](mailto:transfer@mhc.ab.ca) for confirmation on status.

### Thompson Rivers University

Graduates are eligible to receive advanced credit toward the Bachelor of Health Science or the Bachelor of General Studies. Students should contact a TRU Academic Advisor for further information.

### University of Calgary

Graduates are eligible to apply to the two-year post-diploma Bachelor of Community Rehabilitation (BCR) program, the Learning Circles Social Work degree program or the Alberta Social Work route Bachelor of Social Work program. Students should contact an Academic Advisor at U of C for further information.

### University of Regina

Graduates are eligible to receive up to 60 credits towards the Bachelor of Social Work program. Students should contact an Academic Advisor at the University of Regina for further information.

## International Transfer Opportunities

### Griffith University, Australia

Graduates are eligible to receive advanced standing toward the Bachelor of Child and Family Studies. Students should contact an Academic Advisor for further information.

# SOCIAL WORK (BSW) UNIVERSITY TRANSFER

For students interested in helping people gain capacity, identify societal challenges and make a difference in the lives of others, a Social Work degree might be the right path. A Bachelor of Social Work can be used as a pathway into professional, master's, or after degree programs such as Law, or Rehabilitation Medicine. Students wishing to pursue a professional program are encouraged to seek the advice of an academic advisor prior to selecting their courses, as program requirements change yearly and vary by institution.

## Career Opportunities

Child Welfare	Disability/Rehabilitation	Mental Health & Addictions
Community-based services	Health Care	Politics & Policy
Continuing care	International and Human Rights	Private Practice
Criminal Justice System	Leadership	Research and Academia
Crisis Intervention	Non-profit Agencies	School Settings

## Transfer Opportunities

Medicine Hat College has transfer agreements with Albertan universities, please refer here for more details:  
[transferalberta.alberta.ca/how-to-transfer/how-transfer-credit-works/](http://transferalberta.alberta.ca/how-to-transfer/how-transfer-credit-works/)

Students can also look to transfer to another university. Students should look at program listings at these universities and consult with an advisor as they make these decisions.

## Potential Degree Pathways

University of Calgary, Faculty of Social Work  
Website: [www.calgary.ca/future-students/undergraduate/explore-programs/social-work](http://www.calgary.ca/future-students/undergraduate/explore-programs/social-work)

MacEwan University, Faculty Health & Community Studies  
Website: [www.macewan.ca/bsw](http://www.macewan.ca/bsw)

Mount Royal University, Faculty of Health, Community & Education  
Website: [www.mtroyal.ca/ProgramsCourses/FacultiesSchoolsCentres/HealthCommunityEducation/Programs/BachelorSocialWork/index](http://www.mtroyal.ca/ProgramsCourses/FacultiesSchoolsCentres/HealthCommunityEducation/Programs/BachelorSocialWork/index)

University of Regina, Faculty of Social Work  
Website: [www.uregina.ca/socialwork/](http://www.uregina.ca/socialwork/)

## Admission Requirements

Refer to Admissions Chart on page 18.

The University Transfer program at Medicine Hat College provides students with a foundation to be successful in university degrees. The program is possible with the College's participation in Campus Alberta. Admission to all university programs in Alberta is competitive and students are responsible for understanding admission and program requirements.

Program requirements change yearly and vary by institution. Students pursuing an undergraduate degree as a learning pathway to a professional program should consult with a Medicine Hat College Academic Advisor and a representative from the institution they wish to attend. University Transfer students need to ensure they meet both the minimum requirements and competitive requirements for admission.

## Course Selection

To facilitate the transfer of courses from Medicine Hat College, University Transfer students are encouraged to choose a university and program of study they wish to pursue. Students are responsible for making informed course choices as part of their academic degree planning. Students should consult the University's Academic Calendar to determine admission and course requirements and use the Transfer Alberta Search Database online to determine Medicine Hat College course equivalents. A Medicine Hat College Academic Advisor or the University's Academic Advisor can help students interpret and apply these requirements.

# SPEECH LANGUAGE PATHOLOGIST ASSISTANT DIPLOMA

## Academic Advising Office

Phone: 403.529.3819

As a Speech-Language Pathologist Assistant (SLPA), students will find a rewarding career supporting Speech-Language Pathologists (SLPs) in their assessment and treatment of people with communication difficulties. Graduates will have the opportunity to help people of all ages improve their ability to communicate and interact with others.

For students who want a challenging and fulfilling career with a focus on helping people, the field of speech-language pathology may be ideal. A communication disorder may be evident in a person's ability to pronounce sounds, understand what is spoken, use vocabulary and grammar skills, understand social rules, speak without stuttering, or use their voice. Illnesses, accidents, strokes, and delayed development may be causes of communication difficulties, which can affect every aspect of a person's life. This unique approach provides you with an excellent core upon which to build more specific skills depending on your interests and pursue additional diploma completion or degree transfer opportunities.

Working one-on-one and in groups to improve communication skills, SLPAs will have the opportunity to make a positive difference every day in the lives of children and adults in early learning childhood settings, schools, clinics, and hospitals. Under the supervision of a Speech-Language Pathologist, they may provide treatment based on the SLP's goals, make and develop materials and activities, document and report results, carry out screenings, maintain equipment, and assist with administrative duties.

This program is flexible in that the majority of the first 10 courses are common to both the SLPA and Occupational Therapist Assistant/Physical Therapist Assistant (OTA/PTA) and SLPA diplomas. This unique approach provides students with an excellent core upon which to build more specific skills depending on their interests. Along with extensive classroom training, students will participate in experiential learning and practicum/fieldwork training with potential employers in hospitals, private clinics, homecare settings, schools, and community programs.

This diploma is offered both On-site onsite (OS) at Medicine Hat College or via online learning. OS is a two-year (five-semester) diploma program, whereas online is completed over a longer period of three to five (5) years. Students may wish to continue on and complete the OTA/ PTA diploma after completion of the SLPA diploma. This diploma also transfers to degree programs.

## Online Learning

- Students enrolled online must develop a program plan of study with the Academic Advisor prior to taking any courses.
- Students enrolled in online learning are expected to participate in experiential learning opportunities that are group or individually based. Students must travel to Medicine Hat College for one weekend lab in AUDA 212.
- Students normally complete all courses as per the sequence in the program. Courses completed out of sequence will require submission of Prerequisite Waiver forms and approval from the program coordinator.
- Tuition and other fees are charged on a course-by-course basis; textbooks and supplies are additional.
- Courses offered online may have additional start dates (e.g. September, January, and March).

## Prior Learning Assessment and Recognition (PLAR)

Individuals with related prior learning obtained during employment in the Speech Language Pathology field prior to entering the Speech Language Pathologist Assistant Diploma may be eligible for Prior Learning Assessment and Recognition. (PLAR). Please refer to the Prior Learning Assessment and Recognition portion of the calendar for further information regarding this process. Please contact the Articulation and PLAR Coordinator at Medicine Hat College for further information.

## Part-Time Program

Students wishing to take an extended or part-time program must receive approval from the program coordinator.

## Career Opportunities

Graduates from this program have very high employment rates. They find employment in both rural and urban locations in most provinces across Canada similar to those experienced in practicum training such as:

- Health regions
- Schools and School Boards
- Private Agencies

## Admission Requirements

### High School Route

High school diploma with:

- ELA 30-1 (min. 60%)
- Biology 30 (min. 60%)
- Two 30-level subjects, one of which must be a 30-level science, Math 30-1 or Math 30-2 (min. 60%)

### Mature Student Route

- ELA 30-1 (min. 60%)
- Biology 30 (min. 60%)

### Transfer Student Route

- ELA 30-1 or a post-secondary level equivalent (min. 60%, or C)
- Biology 30, a postsecondary level equivalent or a university level lab science course (min. 60%, or C)

## English Language Proficiency

Students also need to meet English Language Proficiency at a higher level than the general college. For the International English Language Proficiency System (IELTS) students must have an overall band score of 7.0 with no band score less than 7.0.

## Pre-Program Requirements

Once successful in gaining admission and receiving the program package, students must:

- Complete a standardized health form, program of immunization
- Provide a current Police Information Check (PIC) with Vulnerable Sector Check (Students are obligated to inform the Program Coordinator immediately of any change in the status of their criminal record). A positive PIC may prevent fieldwork placements and, as a result, completion of the program.
- Provide current Intervention Record Check (Alberta Residents only).

# SPEECH LANGUAGE PATHOLOGIST ASSISTANT DIPLOMA

During the program, students must:

- Provide proof of currently CPR/AED Certification from one of the following:
  - Heart & Stroke Foundation (BLS - Basic Life Support)
  - Canadian Red Cross (HCP - Health Care Providers)
  - St. John Ambulance (CPR for Health Care Providers)
- Obtain an N-95 Mask Fit Test

## Program Requirements

### First Year

#### Fall OS or Group 1 Online

ENGL 1XX or ENGL 2XX\*

IDST 100	Introductory Communications for Helping Professionals
KNES 261	Human Anatomy
PSYC 2XX	(PSYC 201 recommended)
TAPC 110*	Introduction to Health Care and Rehabilitation

#### Winter OS or Group 2 Online

LING 2XX	Introductory Linguistics
Junior SOCI	
TAPC 111	Rehabilitation Process
TAPC 112	Health Disorders & Conditions in Rehabilitation
TAPC 113	Growth and Development for Rehabilitation Service Providers

#### Spring OS or Group 3 Online

SLPA 212	Basics for the Speech-Language Pathologist Assistant
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### Second Year

#### Fall OS or Group 4 Online

AUDA 212	Introduction to Audiology
SLPA 160	Introduction to American Sign Language
SLPA 215	SLPA Therapeutic Processes I
SLPA 216	SLPA Therapeutic Processes II
TAPC 210	Professional Integration for the Therapist Assistant

#### Winter OS or Group 5 Online

SLPA 206*	SLPA Therapeutic Processes III
SLPA 207*	SLPA Therapeutic Processes IV
TAPC 218	Career Preparation for the Therapist Assistant

#### Note:

\*These courses are fieldwork courses.

## Fieldwork

### Fieldwork Requirements

- All program requirements must be completed appropriately and satisfactorily prior to commencing fieldwork.
- Students who have not successfully met their course and program requirements will not be permitted into the fieldwork courses.
- Fieldwork arrangements are made by Medicine Hat College with consideration of student preferences; however, students may be required to complete fieldwork at sites other than those requested. Once arrangements are confirmed, they are usually not modified.
- Students should expect to complete at least one fieldwork course/ placement outside of Medicine Hat.

- Online students may also be required to travel outside of their home area to complete their fieldwork requirements.
- Students may anticipate additional costs associated with these placements, e.g., travel, accommodations, etc.
- At this time, fieldwork placements occur only in Canada.
- Fieldwork placements are full-time.

### Continuation Specific to Fieldwork

- Immunizations required must be up to date prior to program start date, job shadowing and fieldwork placement(s).
- Participation in all activities related to fieldwork is mandatory.
- Immunizations must be maintained throughout the program. Additional immunizations may be required for fieldwork.
- Students must successfully complete lab examinations in SLPA 212, SLPA 215, SLPA 216, and (AUDA 212) prior to entering fieldwork.
- All fieldwork experience must meet attendance and participation requirements as specified.
- Should students receive an unsatisfactory evaluation on a fieldwork placement, they will be required to discuss this situation with Medicine Hat College faculty. This evaluation may result in having to repeat the placement. Students that receive an unsatisfactory evaluation on more than one placement, will be required to withdraw from the program.
- Students that receive an unsatisfactory evaluation in more than one placement, will be required to withdraw from the program.
- Students may be required to obtain a recent police information check and/or similar checks, at their expense, prior to entry into some fieldwork sites.
- Should the student's performance and/or health be questionable in relation to the delivery of safe client care and/or the maintenance of the professional standards of the program, they may be asked to leave the fieldwork site and may not receive a credit in the fieldwork course.

## Continuation Requirements

- Students must adhere to the professional commitment as outlined in the Therapist Assistant Programs Student Handbook.
- Failure to do so may result in dismissal from the program.
- Students must complete the program within three years of registration in SLPA 212.
- All TAPC, SLPA, AUDA, KNES and IDST 100 courses must be completed with grades of C or better.
- Students must earn a grade of at least C- in all other courses.
- In order to continue in the program, a current and cumulative grade point average of at least 2.0 is required at the end of each semester.
- Attendance in all courses is considered essential.
- Students will usually be permitted to repeat a particular SLPA course (TAPC, SLPA, AUDA) only once.
- Students are normally expected to complete courses in the sequence outlined in the calendar. Courses taken in a sequence other than what is outlined in the calendar [including deferring courses into other terms] may compromise your standing in the program. This also facilitates proper planning for labs and fieldwork.

## Graduation Requirements

Students must successfully complete 19 specific courses and meet attendance, fieldwork and grade requirements as set out in the program policies.



# SPEECH LANGUAGE PATHOLOGIST ASSISTANT DIPLOMA

## Transfer & Pathways

Students should consult Transfer Alberta for information regarding transfer credit and pathways for programs and individual courses.

### **Athabasca University**

Graduates are eligible to receive up to 60 credits into the Bachelor of Professional Arts - Human Services Major. Students should contact an AU Academic Advisor for further information.

### **Humber College Institute of Technology and Advanced Learning**

Graduates with an overall GPA of 65% may be eligible to receive advanced standing into the second year of the Bachelor of Health Sciences, Workplace Health and Wellness. Applicants must possess the equivalent to Grade 12 English (ENG4U) with a minimum 65% and the equivalent to Grade 12 Biology (SBI4U). Students should contact an Academic Advisor for further information.

### **Thompson Rivers University**

Graduates are eligible to receive advanced credit toward the Bachelor of Health Science or the Bachelor of General Studies. Students should contact a TRU Academic Advisor for further information.

### **University of Calgary**

Graduates may be eligible to apply to the two-year post-diploma Bachelor of Community Rehabilitation (BCR). Please contact a U of C Academic Advisor for further information regarding admission into this program. This pathway is currently under review; please contact [transfer@mhc.ab.ca](mailto:transfer@mhc.ab.ca) for confirmation on status.

# SPORT AND EVENT MARKETING AND MANAGEMENT DIPLOMA

## Academic Advising Office

Phone: 403.529.3819

The Sport and Event Marketing and Management Diploma examines the sport and event industry from behind the scenes. This innovative program has a practical and applied approach to learning through simulations and case studies. It looks at stakeholder relations, fiscal management, leadership, risk management, and problem-solving using management and marketing tools including digital media. The two-year program includes a fifth semester designed to provide students with work integrated learning opportunities providing valuable experience to help launch careers. The program is designed for the student who enjoys facing challenges, making split second decisions, seizing the initiative, interacting with the public, and being an integral member of a sport-oriented team and organization. Join the program designed to train the next generation of leaders with the skills needed to succeed in this fast-paced industry.

## Career Opportunities

Graduates can obtain positions with a variety of sport and event institutions such as amateur or professional sports teams and organizations, community sport or event agencies, sport governing bodies, sport and event management organizations, intercollegiate athletics, private facilities, and also within the sporting goods industry. Prospective positions include:

- sports/entertainment account coordinator
- sport/event marketing coordinator
- sponsorship/experiential marketing coordinator
- social media/digital marketing coordinator
- coaching development coordinator
- fan experience/account coordinator
- brand ambassador
- facility/campus recreation/athletics coordinator

## Admission Requirements

### High School Route

- ELA 30-1 or ELA 30-2
- Two 30-level, 5-credit subjects

### Mature Route (21 years of age or older)

- ELA 30-1 or ELA 30-2

## Program Requirements

### First Year

#### Fall

ACCT 200	Introduction to Accounting
COMM 140	Communication in the Workplace
MGMT 161	Management Theory
SEMM 171	Introduction to Marketing
SEMM 201	Introduction to Sport & Event Management

### Winter

COMM 252	Advanced Business Communications
MGMT 267	Leadership Development
SEMM 221	Sport and Event Marketing
SEMM 271	Digital Marketing
SEMM 325	Evidence-Based Event Marketing

### Second Year

#### Fall

MGMT 263	Organizational Behavior
MGMT 395	Business Law
SEMM 241	Event Content, Design and Application
SEMM 251	Sport and Event Sponsorship and Fundraising
SEMM 315	Persuasion in Event Management

#### Winter

SEMM 311	Global Marketing of Sports
SEMM 331	E-Sports Management
SEMM 351	Sport Event Media and Public Relations
SEMM 355	Brand Marketing
SEMM 371	Sport Event Management Project

#### Spring

SEMM 391	Sport and Event Marketing and Management Work-Integrated Learning
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## Continuation Requirements

- Prerequisite grades must be C- or higher

## Graduation Requirements

To successfully complete this program students must:

- attain a minimum cumulative GPA of 2.0
- achieve no grade lower than C-
- achieve a grade of CR in SEMM 391

## Transfer & Pathways

Students should consult Transfer Alberta for information regarding transfer credit and pathways for programs and individual courses.

### NAIT

Graduates may be eligible for admission into Bachelor of Business Administration. Please contact NAIT for further information regarding admission into this program. This pathway is currently under review; please contact [transfer@mhc.ab.ca](mailto:transfer@mhc.ab.ca) for confirmation on status.

## International Transfer Opportunities

### Griffith University, Australia

Graduates are eligible to receive advanced standing toward the Bachelor of Business. Students should contact an MHC Academic Advisor for further information.

# SUSTAINABLE ENERGY SYSTEMS PROFESSIONAL CERTIFICATE

## Academic Advising Office

Phone: 403.529.3819

With over 50% of training on the job, the Sustainable Energy Systems Professional program offers flexible learning that allows you to work, learn, and build your resume.

From solar and wind to electric and natural gas, learners will study energy system fundamentals, exploring the variations of the energy system, learning how it is generated and used in all types of building infrastructure (residential, commercial, institutional, or industrial).

They will also be able to:

- identify system gaps and inefficiencies, and how organizations can apply a more efficient practice to reduce costs and create long-term success that positively impacts society, the environment and economy.
- complete an audit, manage a project, and communicate efficiency solutions to an employer, team or client.

This program provides complimentary skills to for professionals involved in industries ranging from construction & architecture to engineering & facility operations. Its designation will help students upskill, transition to related industries, or enter new positions focused on energy auditing and consulting.

## Career Opportunities

Graduates may find employment across almost all public or private sectors that engage in the design and construction of the built environment. Positions within different sectors of Canada include: management of construction, operation and management of facilities, renewable energy generation industries, and building management and renovation. Those with an entrepreneurial spirit may prefer self-employment opportunities within the field such as professional consulting opportunities in auditing, design, or supervision.

## Admission Requirements

### High School Route

High School Diploma with:

- ELA 30-1 or ELA 30-2

### Mature Route (21 years of age or older)

- ELA 30-1, or ELA 30-2, or
- 10+ years of industry experience, or Journeyman or Red Seal Certification

## Program Requirements

### First Year

#### Fall

SESP 110	Strategic Communication
SESP 111	The Energy System
SESP 112	Energy Generation & Consumption
SESP 119	Applied Learning Field Placement I

#### Winter

SESP 120	Procurement & Management
SESP 121	Energy Ecosystems
SESP 122	Codes & Contracts
SESP 129	Applied Learning Field Placement II

### Spring

SESP 130	Energy Modelling & Advocacy
SESP 131	Rating & Evaluation Systems

## Continuation Requirements

Students are required to maintain a cumulative GPA of 2.0 or permission from the Dean to be eligible to participate in the Applied Learning Placements.

## Graduation Requirements

To successfully complete this program students must:

- attain a minimum cumulative GPA of 2.0
- achieve no grade lower than C-
- achieve credit in both Applied Learning Field Placements

# SUSTAINABLE INNOVATION DIPLOMA

## Academic Advising Office

Phone: 403.529.3819

A first of its kind in Canada, MHC's Sustainable Innovation diploma provides students with the ability to develop, implement and lead sustainable innovation strategies in diverse industries. Students will acquire just-in-time experience learning to develop the skills and competencies needed to analyze and evaluate the detailed ecosystems that reinforce and support our built environment.

Offered with flexible learning options (in person and online), this two-year program of five semesters includes an integrated workplace learning experience and is designed for change makers who are excited about challenging existing standards and propelling their ideas forward to positively impact our communities and society. This program trains the next generations of leaders to initiate effective, innovative, and sustainable approaches to solving challenges that impact people, places, and profits by looking at new and strategic ways of doing business.

The Sustainable Innovation diploma challenges learners to broaden their perspective and create new products, services, systems, and processes that develop long-term solutions and address the United Nation's 17 Sustainable Development Goals (SDGs). The term sustainability focuses not only on climate change but recognizes that ending poverty and other hardships naturally coincides with strategies to improve health, education, social equality, and economic growth.

## Career Opportunities

Graduates can obtain positions with a variety of organizations and industries that have a commitment to sustainability and innovation. The unique blend of science and business-based learning opens doors to a wide range of opportunities in both scientific and business sectors.

Prospective positions include:

Leadership and Strategy:

- Entrepreneur
- Special Projects Lead
- Project Coordinator
- Innovation Strategist
- Sustainable Business Consultant
- Corporate Social Responsibility Manager
- Innovation Project Manager
- Sustainability Consultant
- Environmental Policy Analyst
- Community Development Officer
- Corporate Sustainability Manager

Analytical and Development Roles

- Sustainability Analyst
- Research and Development Specialist
- Data Scientist
- Technology Commercialization Specialist
- Regulatory Affairs Specialist
- Innovation Consultant
- Research and Development Coordinator
- Data Analyst for Sustainable Solutions
- Ecosystem Analyst

Operational and Management Roles

- Supply Chain Sustainability Manager
- Sustainable Operations Manager
- Supply Chain Coordinator
- Marketing and Innovation Project Coordinator
- Product and Market Innovation Manager
- Service Representative
- Maintenance Supervisor
- Quality Control Inspector
- Sustainable Construction Manager
- Strategic Operations Analyst
- Corporate Finance Advisor
- Innovation Project Manager
- Sustainability Work Integrated Learning Specialist
- Sustainability Financial Advisor
- Ecosystem Analyst
- Entrepreneur in sustainable Technology

## Admission Requirements

### High School Route

ELA 30-1 or ELA 30-2

- Two 30-level, 5-credit subjects

### Mature Route (21 years of age or older)

- ELA 30-1 or ELA 30-2

## Program Requirements

### First Year

#### Fall

SUST 111	Creativity and Changing Perspectives
SUST 112	Introduction to Social Innovation
SUST 113	Regenerative Design
SUST 114	Sustainability & Systems Thinking
TCOM 110	Technical Communications

#### Winter

SUST 121	Sustainability & Modelling
SUST 122	Building and Sustaining Innovative Organizations
SUST 123	Building Community
SUST 124	Sustainability and Corporate Social Responsibility
SUST 129	Sustainability by Design

### Second Year

#### Fall

CPSC 151	Data Modelling
FINA 161	Principles of Sustainable Finance
SUST 212	Design Thinking
SUST 213	Strategic Management and Innovation
Elective	

Electives for Second Year Fall

GLGY 111	Principles of Geoscience
MKTG 141	Sustainable Marketing

# SUSTAINABLE INNOVATION DIPLOMA

## Winter

GEOG 191	Ecosystems and Environmental Change
MGMT 181	Sustainable Operations
SUST 222	Innovation and Strategic Implementation
SUST 229	Sustainable Innovation Project
Elective	

Electives for Second Year Winter

PHYS 101	How Things Work
MGMT 181	Sustainable Innovation and Entrepreneurship

## Spring

SUST 299	Sustainable Innovation Work Integrated Learning
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## Continuation Requirements

- prerequisite grades must be C- or higher

## Graduation Requirements

To successfully complete this program students must:

- attain a minimum cumulative GPA of 2.0
- achieve no grade lower than C-
- achieve a grade of CR in SUST 299

## Transfer & Pathways

Students should consult Transfer Alberta for information regarding transfer credit and pathways for programs and individual courses.

### NAIT

Graduates may be eligible for admission into Bachelor of Technology. Please contact NAIT for further information regarding admission into this program. This pathway is currently under review; please contact [transfer@mhc.ab.ca](mailto:transfer@mhc.ab.ca) for confirmation on status.

# COURSE DESCRIPTIONS



# CLASSIFICATION OF INSTRUCTION

## Lecture

### Directed Study (DS)

A period of instruction not scheduled in the timetable in which the instructor tutors you or a small number of students, usually in connection with a program of individualized or independent study such as directed readings.

### Flexible Learning (FL)

A scheduled period of instruction where students may choose to attend in person or in an online format.

### Lecture (LC)

A scheduled period of instruction for the presentation of information, theory or ideas by means of a relatively formal discourse given by the instructor.

### Tutorial (TU)

A scheduled period of instruction in which a sub-group of a lecture class meets to discuss material prepared and presented by the instructor.

### Web Based (WB)

A lecture delivered in an online format.

## Laboratory (LB)

### Experimental Laboratory

A scheduled period of instruction involving experimentation and observation in practical application of theory. Emphasis is on the students' investigative skills under supervision; you may receive individual or group instruction. Fieldwork (i.e. work you do in the field to gain practical experience through firsthand observation) may be a component of this kind of laboratory.

### Skills Development Laboratory

A scheduled period of instruction involving the presentation of information, and demonstration and practice, usually in an environment with special facilities. It is often used to build skills requiring manual or physical dexterity. Emphasis is on your practice under supervision; students may receive individual or group instruction.

### Problem-Solving Laboratory

A scheduled period of instruction in which students work on problems or assignments under the supervision of an instructor. It often occurs in an environment with special facilities. It may involve demonstration and practice and may culminate in a public presentation or display. Individual and group instruction may be used.

### Clinical (CL)

A scheduled period of learning within an environment where services are delivered to clients/patients, under direct or indirect supervision of an instructor. The instruction occurs in small groups and the instructor assumes full responsibility for students' evaluation and experientially based learning experience.

### Practicum/Work Placement (PR)

Provides a learning experience in the workplace that combines theoretical and practical experiences. This on-the-job experience normally occurs off-campus and is structured and planned by the college. Direct supervision is usually primarily provided by the host agency with direct and indirect supervision provided by the college. Evaluation involves both the host agency and the college, with the college maintaining final responsibility for the grade.

### Field Placement (FP)

Provides an educational experience during which you perform practical work in a work setting. A wide variety of on-the-job learning experiences may be included. The workplace supervisor exercises considerable freedom in determining learning experiences. Supervision and evaluation is usually done by the host agency. Site visits from the college faculty are less frequent and for a shorter term than for practicum. Evaluation is usually credit/non-credit.

### Special Offering (SO)

A Special Offering classification may be used where the college provides a course to under ten students for the purpose of piloting a new offering, to address a student progression barrier, or any other exceptional circumstance as determined by the college.

# CLASSIFICATION OF INSTRUCTION

## General Information about Courses in the Calendar

### Finding Courses

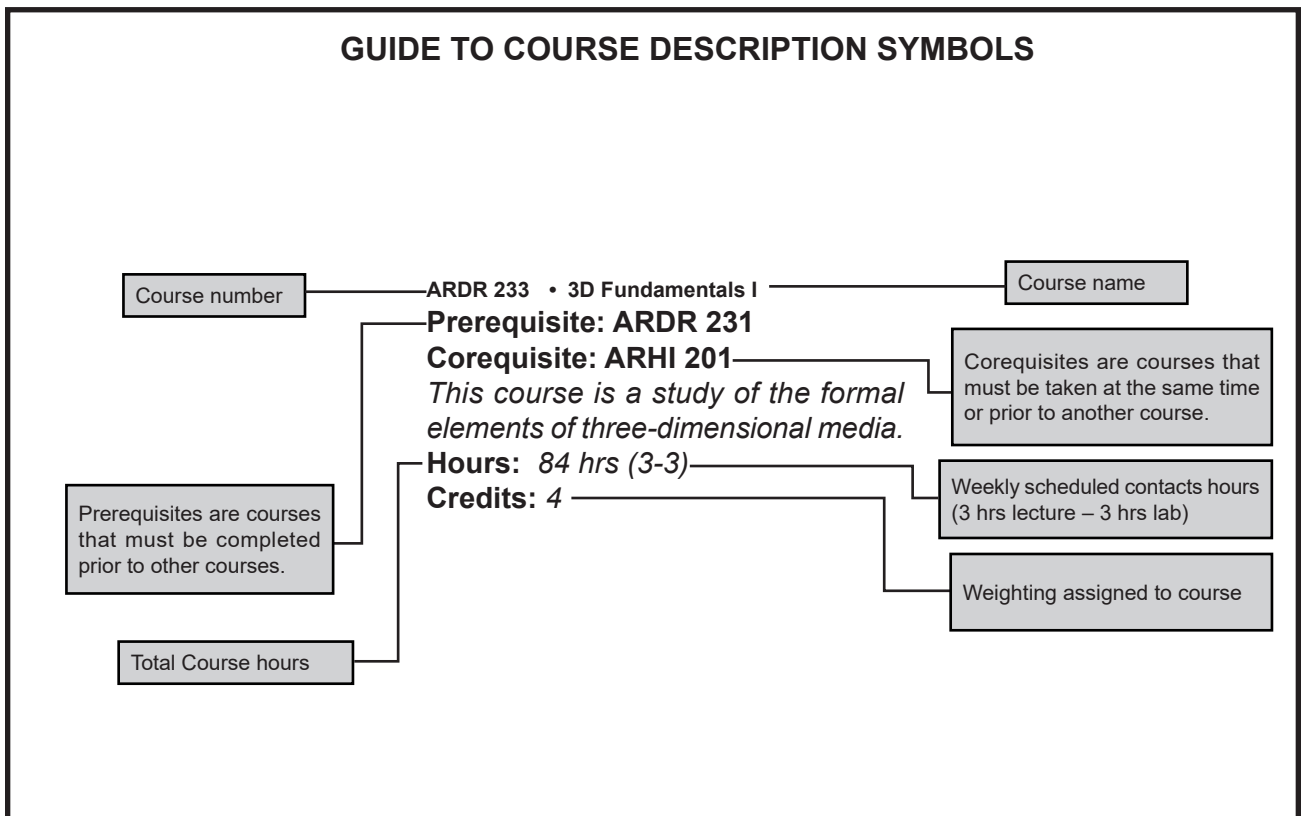
Courses are listed alphabetically in the course description section of the calendar. To determine which courses are required for your program, consult the program sections of the calendar.

### Changes to Courses

The college reserves the right to modify or withdraw courses without notice. Not all courses are offered every semester.

### Course Descriptions

A course calendar description provides students with general information about the content and structure of the course, as well course prerequisites or corequisites, hours/week, credit value of the course, transferability, and additional charges (certifications costs).





# ABST - ACCT

## ABST (Aboriginal Studies)

### ABST 0030 • Aboriginal Studies 30

**Prerequisite/Corequisite:** SOST 0030-1 or SOST 0030-2

This course follows the Alberta Education Curriculum for Aboriginal Studies 30. This course is delivered in partnership with Coulee Collegiate and Sunrise Collegiate.

**Hours:** 120.45 hrs (6.6-2T)

**Credits:** 4

## ACCT (Accounting)

### ACCT 111 • Introductory Accounting I

Introduction to the nature and purpose of financial accounting. The course focuses on the study of the bookkeeping cycle for service and merchandising businesses. Additional topics include dealing with cash transactions, schedules of receivables and payables, subsidiary ledgers, and other monthly adjustments. In the one-hour computer lab you will use spreadsheet application tools in performing accounting functions.

**Hours:** 56 hrs (4-0)

**Credits:** 3

### ACCT 113 • Introductory Accounting II

**Prerequisite:** ACCT 111

This course is a continuation of ACCT 111. Topics include accounting principles, inventories, property, plant and equipment, payroll, partnership and corporation accounting, analysis and interpretation of financial statements, and accounting for manufacturing operations. The one-hour computer lab uses a spreadsheet application and a computerized accounting package.

**Hours:** 56 hrs (4-0)

**Credits:** 3

### ACCT 200 • Introduction to Accounting

Introduction to using accounting information to effectively manage organizations. You learn how to report, plan, budget, read, analyze financial information relating to organizations. Emphasis is placed on using accounting information for decision making.

**Hours:** 56 hrs (4-0)

**Credits:** 3

### ACCT 211 • Intermediate Accounting I

**Prerequisite:** ACCT 113 or ACCT 321

This course focuses on providing financial information for external decision making. Professional pronouncements and practices regarding recognizing, measuring and disclosing assets and related revenues and expenses are examined. Financial statement preparation is a focus, expanding on previously discussed topics from introductory accounting.

**Hours:** 70 hrs (5-0)

**Credits:** 4

### ACCT 213 • Intermediate Accounting II

**Prerequisite:** ACCT 211

This course is a continuation of ACCT 211. The course studies the more complex areas of corporate accounting such as those related to long-term investments, pension obligations and accounting for leases. Analysis of financial statements and current developments in accounting are also a focus.

**Hours:** 70 hrs (5-0)

**Credits:** 4

### ACCT 215 • Managerial Accounting

**Prerequisite:** ACCT 113 or ACCT 321

Introduction to the production and use of accounting data for operational planning and control; special decision making and product costing; examination of cost behaviour patterns; methods of cost accumulation, cost estimation, and other topics.

**Hours:** 56 hrs (4-0)

**Credits:** 3

### ACCT 219 • Taxation

**Prerequisite:** ACCT 113 or ACCT 321

Introduction to Canadian income taxation. This course is designed to provide you with mainly an introduction to the basic concepts and procedures associated with the federal income tax system as it applies to individuals. Theoretical and practical aspects of tax will be examined and you will learn how to prepare a basic individual tax return. Some attention will be given to corporate taxation and the federal goods and services tax. Some tax planning is discussed.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### ACCT 276 • Advanced Computerized Accounting

**Prerequisite:** (ACCT 111 & MGMT 193) or (ACCT 111 & CPSC 203) or APRO 145 or ACCT 321

With advanced accounting applications, the following modules are examined in detail: General Ledger, Accounts Receivable, and Accounts Payable. Course includes practice in setting up and using these three modules for adapting financial statements and in integrating accounting software with other applications. Business Intelligence software may also be considered.

**Hours:** 56 hrs (1-3)

**Credits:** 3

### ACCT 290 • Work Integrated Learning

**Prerequisite:** Completion of 12 credits in the Intermediate Accounting program

The work integrated learning plays a significant role in the development of professionals in the Intermediate Accounting Certificate program. Students will be placed in employment situations with local employers. Students find a placement with support from the business placement officer who maintains a roster of placement opportunities and provides students with direction and assistance in the development of resumes and job search techniques. Graded on CR/NC basis. Total tuition for this course is \$401.22

**Hours:** 240 hrs (0-40) 6 wks

**Credits:** 6

### ACCT 321 • Introduction to Financial Accounting

Introduction to accounting for business organizations. You learn how to report financial results of operations and financial position to investors, managers, and others. Emphasis is placed on using accounting information for decision making.

**Hours:** 56 hrs (4-0)

**Credits:** 3

## **ACCT 323 • Introduction to Managerial Accounting**

**Prerequisite:** ACCT 113 or ACCT 321

This course provides an introduction to the use of managerial accounting: preparation and use of accounting data for operational planning and control; special decision making and product costing; examination of cost behaviour patterns; cost estimation, and other topics. Emphasis is placed on the role of accounting in managerial decision making.

**Hours:** 56 hrs (4-0)

**Credits:** 3

## **ACCT 328 • Management Accounting II**

**Prerequisite:** ACCT 215 or ACCT 323

This course examines various costing methods and analytical tools used by management accountants to provide information and recommendations relevant to short-term and long term decision making. Topics covered include capital budgeting, cost and revenue allocation, profitability variances, process costing, and inventory management.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **ACCT 390 • Work Integrated Learning**

**Prerequisite:** Completion of 9 credits in the Advanced Accounting program

The work integrated learning plays a significant role in the development of professionals in the Intermediate Accounting Certificate program. Students will be placed in employment situations at competitive wage with local employers. Students find a placement with support from the business placement advisor who maintains a roster of placement opportunities and provides students with direction and assistance in the development of resumes and job search techniques. Graded on CR/NC basis. Total tuition for this course is \$401.22.

**Hours:** 240 hrs (0-240) 6 wks

**Credits:** 6

## **ACCT 422 • Principles of Auditing**

**Prerequisite:** ACCT 211

This course examines the role of the internal and external auditor in business and explores the legal and ethical environment of auditing. Emphasis is placed on methods and procedures used in auditing and reporting as they relate to specific financial statement areas such as assets, liabilities, equities, revenues, and expenses. Other topics include internal control, risk and materiality, the audit of fraud, and auditing in a computer environment.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **ACCT 428 • Introduction to Personal and Corporate Income Tax**

**Prerequisite:** ACCT 211

This course covers Canadian income tax laws affecting individuals and corporations. Topics include the computation of individual and corporate income tax, taxable income, taxes payable, corporate distributions, taxation of capital gains, and the preparation of corporate and personal tax returns.

**Hours:** 56 hrs (3-1)

**Credits:** 3

## **ACCT 431 • Advanced Financial Accounting**

**Prerequisite:** ACCT 213

This is an advanced course in financial accounting that covers the following areas: intercompany investments, business combinations and related issues, joint ventures, foreign currency transactions, and financial reporting. ACCT 431 builds on concepts learned in introductory and intermediate accounting courses. Students can expect to develop an understanding of the concepts underlying these topics and to demonstrate an ability to complete numerical problems. Student should also be able to evaluate alternative accounting treatments and use judgement in analyzing.

**Hours:** 56 hrs (4-0)

**Credits:** 3

## **ACCT 432 • Advanced Managerial Accounting**

**Prerequisite:** ACCT 328 or consent of the department

This course uses cases extensively and introduces advanced management accounting practices focused on helping managers achieve operational excellence, formulate and implement new strategies, and motivate organizational performance. The course covers current and topical management accounting practices being adopted by companies within a variety of business environments and the changing contexts therein. Management accounting is a discipline that requires analysis and interpretation of relevant information for use by management in planning and controlling the organization's activities, problem solving, decision-making, and in assuring the proper use of organizational resources. As both a provider and a user of such information, management accounts require skills grounded in cost accounting. The new role of management accounting calls for the ability to be a value-adding member of the management team combined with the ability to recognize the importance of, and use of non-financial performance measures.

**Hours:** 56 hrs (4-0)

**Credits:** 3

## **ADAE (Advanced Aeronautics)**

### **ADAE 200 • Advanced Aeronautics**

This course will allow the student to understand the theory of flight from basic to advanced flight. In this course, the student will learn principles of flight, airfoils, forces acting on airfoils, propellers, wing design, load factor, stability, flight controls, supersonic aerodynamics, high speed aerodynamics, and the effect of in-flight icing. This course will allow the student to understand the how and why of flight.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **AMET (Advanced Meteorology)**

### **AMET 200 • Advanced Meteorology**

This course will examine the fundamentals of weather and physics of the atmosphere. Upon successful completion of this course, students will be able to identify the factors that affect aviation flight regarding potential weather hazards such as: icing, turbulence, fronts, air masses, jet streams and surface based weather. Students will also be able to better understand the very complex structure and movement of the air masses within our atmosphere and their influence on climate and weather conditions including violent weather such as lightning, thunderstorms, tornadoes and hurricanes.

**Hours:** 42 hrs (3-0)

**Credits:** 3

# AMET - APAT

## **AMET 201 • Aircraft Engines and Systems** **Prerequisites: Second Year standing in the Aviation Management certificate program**

Upon completing the Aircraft Engines and Systems course, students will develop an understanding of aviation engines, airframes, and related systems as well as industry safety and regulatory requirements. The curriculum covers diverse aircraft engines, explaining their unique applications, features, and fundamental operations like combustion processes and thrust generation. Engine-related topics include components such as compressors, turbines, and fuel systems, with a focus on maintenance procedures and troubleshooting. The course explores various propulsion systems, applying principles of thrust management and control. Students delve into aircraft systems, encompassing electrical, avionics, communications, hydraulics, pneumatics, and environmental systems. Navigation systems, including GPS, communication, avionics, and flight planning, are also covered. Emphasis on practical skills in maintenance and troubleshooting ensures hands-on experience. Safety, regulatory compliance, emergency response, human factors, and international standards are integrated components, providing students with comprehensive skills for success as proficient commercial pilots in the dynamic aviation industry. This course may run at the Super T Aviation facility located at the Medicine Hat Municipal Airport.

**Hours:** 84 hrs (6-0)

**Credits:** 4

## **ANTH (Anthropology)**

### **ANTH 201 • Introduction to Primatology and Human Evolution**

Introduction to evolutionary theory and processes with particular reference to the primates. Topics include primate taxonomy, distribution, reproduction, locomotion, diet, social organization and evolution, with special emphasis on the path of human evolution. NOTE: Students cannot receive credit for both ANTH 201 and ANTH 1101.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### **ANTH 203 • Introduction to Social and Cultural Anthropology**

This course deals with the nature of human society: its elements, its variability and its perpetuation. Conclusions will be drawn from comparisons of institutions (political, economic, religious, educational, and sexual) in both small-scale and large-scale societies.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### **ANTH 213 • Contemporary Indigenous Issues in Canada**

This course explores the history of Indigenous/state relations, the development of policy, and current efforts of Indigenous peoples to address historical matters through the critique of the residential school system and the pursuit of self-government, land claims, modern treaties and Indigenous rights. Includes a critical examination of Canadian historical writing, popular culture, and stereotypes of Indigenous peoples and will survey contemporary Indigenous expressions of identity in the arts, literature, cultural performances, and other public contexts

**Hours:** 42 hrs (3-0)

**Credits:** 3

### **ANTH 215 • Ecological and Cultural Issues in Indigenous Communities: Canadian and International Perspectives**

Ethnological, archaeological and ecological perspectives are applied to the study of indigenous communities in Canada. Topics included are: Archaeological evidence of prehistoric and early historic native communities; sociocultural/environmental relationships of the past and present; indigenous interest in, legal rights to, and management of the land and its resources; and international perspectives on ecological and cultural issues involving indigenous peoples.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### **ANTH 255 • An Ethnographic Survey of Indigenous North Americans**

**Prerequisite:** ANTH 203

Selected North American Indigenous cultures are studied in terms of the relationship between basic subsistence adaptations, social, ceremonial, and ideological structures. NOTE: Not open to students with credit in ARKY 381.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### **ANTH 379 • Urban Anthropology**

**Prerequisite:** ANTH 203 or permission of the Dean

An extensive overview of urban settlements, from their first appearance, to contemporary cities in the developing and developed world. This course explores theoretical and methodological approaches of the social sciences in understanding the development and physical structures of cities and the diversity of urban lifeways and social issues.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### **ANTH 1101 • Introduction to Primatology and Human Evolution**

This course will consider human evolution, the role of biosocial phenomena in the evolution of physical structure and social behaviour, and the origins and development of culture. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.* NOTE: Students cannot receive credit for both ANTH 201 and ANTH 1101.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **APAT (Apprenticeship - Automotive Service Technician)**

### **APAT 100 • Automotive Service Technician**

First Year

**Hours:** 240 hrs 8 wks

### **APAT 200 • Automotive Service Technician**

Second Year

**Hours:** 240 hrs 8 wks

### **APAT 300 • Automotive Service Technician**

Third Year

**Hours:** 240 hrs 8 wks

## **APAT 400 • Automotive Service Technician**

Fourth Year

Hours: 240 hrs 8 wks

## **APCA (Apprenticeship – Carpenter)**

### **APCA 100 • Apprentice Carpenter**

First Year

Hours: 240 hrs 8 wks

### **APCA 200 • Apprentice Carpenter**

Second Year

Hours: 240 hrs 8 wks

### **APCA 300 • Apprentice Carpenter**

Third Year

Hours: 240 hrs 8 wks

### **APCA 400 • Apprentice Carpenter**

Fourth Year

Hours: 240 hrs 8 wks

## **APCC (Apprenticeship – Common)**

### **APCC 100 • Apprentice Plumber/Sprinkler/Gas/Steamfitter**

First Year

Hours: 240 hrs 8 wks

## **APEL (Apprenticeship - Electrician)**

### **APEL 100 • Apprentice Electrician**

First Year

Hours: 240 hrs 8 wks

### **APEL 200 • Apprentice Electrician**

Second Year

Hours: 240 hrs 8 wks

### **APEL 300 • Apprentice Electrician**

Third Year

Hours: 240 hrs 8 weeks

### **APEL 400 • Apprentice Electrician**

Fourth Year

Hours: 360 hrs 12 wks

## **APHE (Apprenticeship - Heavy Equipment Technician)**

### **APHE 100 • Apprentice Heavy Equipment Technician**

First Year

Hours: 240 hrs 8 wks

### **APHE 200 • Apprentice Heavy Equipment Technician**

Second Year

Hours: 240 hrs 8 wks

### **APHE 300 • Apprentice Heavy Equipment Technician**

Third Year

Hours: 240 hrs 8 wks

## **APHE 400 • Apprentice Heavy Equipment Technician**

Fourth Year

Hours: 240 hrs 8 wks

## **APPL (Apprenticeship - Plumbing)**

### **APPL 200 • Apprentice Plumbing**

Second Year

Hours: 240 hrs 8 wks

### **APPL 300 • Apprentice Plumbing**

Third Year

Hours: 240 hrs 8 wks

### **APPL 400 • Apprentice Plumbing**

Fourth Year

Hours: 240 hrs 8 wks

## **APRO (Administrative Office Professional)**

### **APRO 108 • Keyboarding/Desktop Publishing I**

You master the touch typing technique and practice to improve speed and accuracy in keyboarding. You need 30 wpm with 97% accuracy to pass this course. You will also learn basic concepts of page layout and graphic design.

Hours: 56 hrs (0-4)

Credits: 3

### **APRO 109 • Keyboarding/Desktop Publishing II**

**Prerequisite: A minimum of a C grade in APRO 108**

In this course, you will continue to develop speed and accuracy in timed writings. You need 45 wpm with 97% accuracy to pass this course. You will also learn the design process and skills to create dynamic layouts with the integration of texts and images.

Hours: 42 hrs (0-3)

Credits: 3

### **APRO 120 • Effective Speaking for the Office**

You learn to speak effectively while talking on the telephone to customers and clients. You learn to speak with confidence in small groups and to larger groups.

Hours: 42 hrs (3-0)

Credits: 3

### **APRO 125 • Office Communications I**

Students learn communications skills needed in today's office. There is an emphasis on enhancing grammar, formatting, and proofreading skills when writing business correspondence. Students will also learn the theories and concepts of customer service. Students will understand the responsibility of customer service in their administrative role and have the skill set to manage clients.

Hours: 70 hrs (5-0)

Credits: 4

# APRO

## **APRO 131 • Office Applications I**

Through this course, you acquire practical skills for today's office. You learn office skills such as file management, mail procedures, booking travel arrangements, arranging meetings, preparing minutes and how to use the photocopier and fax machine. Using Microsoft Office, you will use skills necessary for production of professional business documents. You will learn to create, print and edit documents in Word, Excel, Power Point and Access.

**Hours:** 70 hrs (2-3)

**Credits:** 4

## **APRO 133 • Office Applications II**

**Prerequisite:** A minimum of a C grade in APRO 131

You will continue to use MS Office to complete projects related to the career area. In this course, you will become proficient with Excel, Access and advanced Word applications related to document creation and maintenance in the office.

**Hours:** 70 hrs (0-5)

**Credits:** 4

## **APRO 140 • Bookkeeping I**

The focus of this course is on the study of the bookkeeping cycle for journalizing transactions, preparing trial balances, worksheets and financial statements.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **APRO 145 • Bookkeeping II**

**Prerequisite:** A minimum of a C grade in APRO 140 or a minimum grade of C- in ACCT 111

As a continuation of APRO 140, you learn the procedures for cash control specialized journals and ledgers, payroll and GST. In addition you use Sage to do computerized book-keeping.

**Hours:** 70 hrs (3-2)

**Credits:** 4

## **APRO 155 • Office Communications II**

**Prerequisite:** A minimum of a C grade in APRO 125

Students further advance your grammar, punctuation, business writing, and composition skills and deliver an oral presentation using a computerized presentation package. In addition, students will learn how to prepare for job interviews.

**Hours:** 70 hrs (5-0)

**Credits:** 4

## **APRO 167 • Office Relations**

In addition to learning the importance of making a positive contribution to your organization, you develop team working, problem-solving and conflict resolution skills.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **APRO 190 • Work Experience**

**Prerequisite:** C grade in APRO 167

**Corequisite:** A minimum of a C grade in APRO 109, APRO 133, APRO 145, APRO 155 & APRO 210

You work in an office setting obtaining practical on-the-job experience that applies the concepts you have learned from your studies in the Administrative Office Professional Program at Medicine Hat College. The work experience gives you an understanding of the importance of developing acceptable work habits, good grooming, and the need for self-discipline. You learn how to deal with others in a professional, business-like manner. You recognize the need for having a positive attitude when working with others. NOTE: Course is offered in April at the conclusion of the Winter classes. Graded on a CR (Pass)/NC (Fail).

**Hours:** 140 hrs (0-140P) 4 wks

**Credits:** 4

## **APRO 200 • Payroll Fundamentals**

Students will gain an in-depth understanding on the calculation of regular individual pay, non-regular individual pay, termination payments, and how to complete a record of employment. Students must also register with National Payroll Institute and pay the Institute's course fee and the membership fee to receive access to the online materials and the learning platform. Students should register with the Institute no later than five business days before the start day of the course. Note: A Required Industry Fee of \$350.00 (costs may vary from time of publication) has been added onto the MHC tuition.

**Hours:** 42 hours (1-2)

**Credits:** 3

## **APRO 210 • Payroll Compliance Legislation**

Upon completion of Payroll Compliance Legislation (PCL), students will have a thorough understanding of payroll compliance requirements. They will be able to: Describe payroll's objectives and stakeholders, identify an employer/employee relationship, apply federal and provincial legislation related to payroll including: The Canada Pension Plan; The Employment Insurance Act; The Income Tax Act; Employment standards legislation; Worker's Compensation Acts; and Quebec-specific legislation. Students will be able to communicate payroll compliance requirements to various stakeholders. Note: A Required Industry Fee of \$350.00 (costs may vary from time of publication) has been added onto the MHC tuition. If students want a hardcover textbook this is an additional fee

**Hours:** 42 hours (3-0)

**Credits:** 3

## **APRO 220 • Payroll Fundamentals II**

Students will gain an in-depth understanding on how to calculate organizational remittances to federal, provincial and third party stakeholders. Students will be able to prepare accounting documentation for payroll, complete year end documentation, and communicate all aspects of organizational remittances, accounting and year end requirements to internal, external and government stakeholders. Students must also register with the National Payroll Institute and pay the Institute's course fee and the membership fee to receive access to the online materials and the learning platform. Students should register with the Institute no later than five business days before the start day of the course. Note: A Required Industry Fee of 350.00 (costs may vary from time of publication) has been added onto the MHC tuition. If students want a hardcover textbook this is an additional fee.

**Hours:** 42 hours (1-2)

**Credits:** 3

## APSP (Apprenticeship - Steamfitter/ Pipefitter)

**APSP 200 • Apprentice Steamfitter/Pipefitter**  
Second Year  
**Hours:** 240 hrs 8 wks

**APSP 300 • Apprentice Steamfitter/Pipefitter**  
Third Year  
**Hours:** 240 hrs 8 wks

**APSP 400 • Apprentice Steamfitter/Pipefitter**  
Fourth Year  
**Hours:** 240 hrs 8 wks

## APWE (Apprenticeship – Welding)

**APWE 100 • Apprentice Welding**  
First Year  
**Hours:** 240 hrs 8 wks

**APWE 200 • Apprentice Welding**  
Second Year  
**Hours:** 240 hrs 8 wks

**APWE 300 • Apprentice Welding**  
Third Year  
**Hours:** 240 hrs 8 wks

## ARDE (Art & Design)

**ARDE 213 • Typography I**  
**Prerequisite:** ARFN 211  
The course will provide a detailed understanding of letter, text and grids. It will enable the student to develop a typographic problem solving process.  
**Hours:** 84 hrs (3-3)  
**Credits:** 4

**ARDE 315 • Typography II**  
**Prerequisite:** ARDE 213 or ARVC 213  
The course will provide a detailed understanding of letter, text, and grids, with an emphasis on organizational hierarchies and clarity of communication. Students will develop their own problem-solving processes to create exciting and contemporary typographic solutions, focusing on content, concept, and context to challenge the notion of readability and legibility. Adobe InDesign will be the primary software application used within this course.  
**Hours:** 84 hrs (3-3)  
**Credits:** 4

**ARDE 327 • Print Production**  
**Prerequisites:** ARFN 231 & ARFN 211  
This course serves as an introduction to vector based computer graphics and the preparation of files for publishing in either print or digital medium. Other topics include practices used in commercial print production, including file preparation for process colour printing.  
**Hours:** 84 hrs (3-3)  
**Credits:** 4

**ARDE 331 • Graphic Design I**  
**Prerequisites:** ARDE 213 and ARFN 231  
This is an introductory course in graphic design, exploring visual communications and their creative process. The course mainly focuses on utilizing basic visual elements for communication purposes. It also applies skills and knowledge acquired in its prerequisite courses (ARDE 213, ARFN 211, and ARDR 241) toward seeking graphic solutions for art and design problems. The course is the first and most basic of four sequential courses in graphic design.  
**Hours:** 84 hrs (3-3)  
**Credits:** 4

**ARDE 333 • Graphic Design II**  
**Prerequisite:** ARDE 331 or ARVC 331  
Continuing studies in graphic design. Equipped with the basic skills and knowledge gained in the previous course, you will learn to apply them for the purpose of visual communication. The course is designed to foster a personal approach to conceptual problem solving while investigating the principles of design and developing a visual vocabulary through experimentation.  
**Hours:** 84 hrs (3-3)  
**Credits:** 4

**ARDE 394 • Portfolio and Work Term Preparation**  
**Prerequisite:** ARFN 231 & (ARDE 213 or ARVC 213)  
In this course the student develops a professional print and web portfolio. The course provides instruction in resume and cover letter preparation, interview strategies, and job search techniques.  
**Hours:** 30 hrs (2.25-0)  
**Credits:** 1.5

**ARDE 395 • Applied Art & Design - Work Term I**  
**Prerequisite:** (ARDE 394 or ARVC 394) & (ARDE 333 or ARVC 333)  
The field study provides the student with an opportunity to apply visual communication concepts and art and design skills within industry. The work term is designed to allow the student to develop proficiency in a work environment. \*Restricted to students in the Applied Degree program. Total tuition for this course is \$993.38.  
**Hours:** 4 mths (0-35P)  
**Credits:** 15

**ARDE 396 • Applied Art and Design I**  
**Prerequisite:** ARDE 333 or ARVC 333  
With studies in the theory and practice of art and design for the creative industries, this course emphasizes exploration and experimentation in visual production, including print and digital media. Sustainable design approaches, design as social science, and innovative problem solving are highlighted. Students will have an opportunity to develop entrepreneurial skills through cultural products and services. \*Restricted to students in the Applied Degree program.  
**Hours:** 84 hrs (3-3)  
**Credits:** 4

# ARDE - AREL

## **ARDE 495 • Applied Art and Design - Work Term II**

**Prerequisites:** ARDE 395 or ARVC 395

This field study provides the student further opportunity to apply art and design concepts within industry. The work term is designed to allow the student to continue to develop proficiency in a work environment. \*Restricted to students in the Applied Degree program. Total tuition for this course is \$993.38.

**Hours:** 4 mths (0-35P)

**Credits:** 15

## **ARDE 496 • Applied Art and Design II**

**Prerequisites:** ARDE 396 or ARVC 396

The course offers the student further studies in the theory and practice of applied art and design.

**Hours:** 84 hrs (3-3)

**Credits:** 4

## **ARDE 498 • Special Projects and Exhibition I**

**Prerequisites:** ARDE 395 or ARVC 395 & ARDE 396 or ARVC 396

This course offers an in-depth study of the art and design field culminating in a body of work intended for display in the graduation exhibition. The work made for exhibition is to be accompanied by an essay.

**Hours:** 84 hrs (3-3)

**Credits:** 4

## **ARDE 499 • Special Projects and Exhibition II**

**Prerequisites:** ARDE 395 or ARVC 395 & ARDE 396 or ARVC 396

In this course the student will focus on the planning, marketing and curatorial elements of a major exhibition, as well as the preparation of other elements related to the final graduation exhibition, such as the portfolio book and web portfolio.

**Hours:** 84 hrs (3-3)

**Credits:** 4

## **ARDR (Art Drawing)**

**ARDR 241 • Drawing I**

Focus of the course is basic theory and practice of drawing, involving both perceptual and conceptual projects in a wide variety of monochromatic media.

**Hours:** 84 hrs (3-3)

**Credits:** 4

## **ARDR 243 • Drawing II**

**Prerequisite:** ARDR 241

Course focuses on basic theory and practice of drawing, involving both perceptual and conceptual projects in monochromatic and colour media.

**Hours:** 84 hrs (3-3)

**Credits:** 4

## **ARDR 341 • Figure Drawing**

**Prerequisite:** ARDR 243

This course offers theory and practice of drawing at an intermediate level involving an extended range of drawing media, with a focus primarily on the human figure.

**Hours:** 84 hrs (3-3)

**Credits:** 4

## **ARDR 343 • Drawing in Mixed Media**

**Prerequisite:** ARDR 243

Course focuses on the theory and practice of advanced drawing, emphasizing the development of personal style through mixed media drawing approaches.

**Hours:** 84 hrs (3-3)

**Credits:** 4

## **ARED (Art Education)**

### **ARED 310 • Introductory Art Experience for Teachers I**

This course focuses on both individual and group inquiry into the educational potential of visual art for young children's development. Particular attention is given to exploring media and teaching strategies with 18 hours of classroom experience. In order to ensure the safety of children in the classrooms, local school jurisdictions require that student teachers submit a current Police Information Check with Vulnerable Sector Search and an Alberta Children's Services Intervention Record Check. It is also recommended that student teachers possess a current Emergency or Standard First Aid Certificate and that Health Immunization Records are up to date. NOTE: Registration priority is given to Education students.

**Hours:** 84 hrs (3-3)

**Credits:** 4

### **ARED 311 • Introductory Art Experiences for Teachers II**

**Prerequisite:** ARED 310

Continuation of ARED 310. In order to ensure the safety of children in the classrooms, local school jurisdictions may require that student teachers submit a current Police Information Check with Vulnerable Sector Search and an Alberta Children's Services Intervention Record Check. It is also recommended that student teachers possess a current Emergency or Standard First Aid Certificate and that Health Immunization Records are up to date.

**Hours:** 84 hrs (3-3)

**Credits:** 4

## **AREL (Art Electronics)**

### **AREL 329 • Web Design Fundamentals**

**Prerequisites:** ARFN 211 or MKTG 251

This course explores the fundamentals of design for web. Plan, design, and produce simple web pages that function efficiently, and communicate effectively. You will be introduced to creating an online presence looking at the history of the internet and how the worldwide web works, before diving into the design process. HTML will be used to structure the web pages, while CSS will be used to present the pages. User interface and user experience (UI/UX) design will be important to the process. Web Design I provides a foundation for emerging creative practitioners.

**Hours:** 84 hrs (3-3)

**Credits:** 4

### **AREL 338 • Motion Design I**

**Prerequisites:** ARFN 231 & ARFN 211 or ARFN 234

This course introduces students to the creative possibilities of motion design and opens up new avenues for artists and designers to explore digital media. Hands-on projects will guide students through the essential tools of time-based media, including Adobe Photoshop and After Effects. Students will gain animation skills for various media.

**Hours:** 84 hrs (3-3)

**Credits:** 4

## **AREL 365 • Video I**

**Prerequisite:** ARPH 335

This course offers the student an introduction to time-based narrative and video production. The topics of study include: script, storyboard, sound recording, camera technique, lighting, and post-production in a digital environment.

**Hours:** 84 hrs (3-3)

**Credits:** 4

## **AREL 370 • Sound Design I**

**Prerequisites:** ARFN 231 & ARFN 211 or ARFN 234

This course explores sound design with an emphasis on experimental practice. The course serves as an introduction to the history of sound design, experimental music, and sound technologies. Topics will include composition, arrangement, use and integration of both concrete and synthetic sound, and aspects of noise and aleatoric sound and specialization. The course consists of two interrelated components: a lecture/theoretical component and studio practice.

**Hours:** 84 hrs (3-3)

**Credits:** 4

## **AREL 429 • UI/UX**

**Prerequisites:** ARFN 211 or MKTG 251

Students will create compelling web-based applications focusing on User Experience (UX) and User Interface (UI). Hands-on projects highlight topics of accessibility, inclusivity, and conversion. Students are guided through a design development process and using UX/UI software that is highly sought after by design industries. This course equips students with the essential tools to engage with practices of modern user experience design.

**Hours:** 84 hrs (3-3)

**Credits:** 4

## **AREL 438 • Motion Design II**

**Prerequisite:** AREL 338

Motion Design II enhances students' abilities with media design. This course focuses on interactive experiences that are functional and engaging for the user. Topics include User Interface (UI) and User Experience (UX) for human-computer interactions, augmented reality, and digital theories. Projects will be presented at a variety of scales, from phone experiences up to projected works, for both design and fine art contexts. Industry-sought skills will be taught with a focus on experiential learning. This course prepares you to make digital solutions in real-world scenarios.

**Hours:** 84 hrs (3-3)

**Credits:** 4

## **AREL 467 • Video II**

**Prerequisite:** AREL 365

This course offers further studies in the theory and practice of time-based narrative and video production.

**Hours:** 84 hrs (3-3)

**Credits:** 4

## **AREL 475 • The Studio Portrait**

**Prerequisites:** AREL 365 or ARPH 335

This course examines the photographic portrait through the means of both still images and time-based imagery. Students will benefit from an examination of both commercial studio practice and portraiture in a contemporary art context. There is an emphasis on the staged or constructed image. Students will be expected to produce a portfolio and participate in an end of semester public exhibition.

**Hours:** 84 hrs (3-3)

**Credits:** 4

## **ARFA (Art Fine Arts)**

### **ARFA 304 • Sculpture I**

**Prerequisites:** ARFN 233 & ARDR 241

This course explores notions of sculpture and considers a range of material. Students are introduced to the usage and application of power tools and the safety requirements of the wood shop. The practical aspects of mold construction and casting are presented in a variety of materials. Light, sound and kinetic aspects of sculpture may arise.

**Hours:** 84 hrs (3-3)

**Credits:** 4

### **ARFA 305 • 3D Design I**

**Prerequisites:** ARFN 233 or ARFA 304

This course serves as an introduction to the materials, concepts, and techniques of three-dimensional design. Students learn a variety of presentation techniques while solving functional design problems. Spatial awareness, conceptual development, craft skills, innovative use of materials, and basic functionality are considered in the areas of furniture, props, and architectural design.

**Hours:** 84 hrs (3-3)

**Credits:** 4

### **ARFA 351 • Painting I**

**Prerequisites:** ARFN 231 or ARDR 241

This course is an introduction to a variety of stylistic and conceptual approaches to painting. Students are encouraged to investigate colour theory and to explore ways in which paint can be manipulated physically in relation to a surface.

**Hours:** 84 hrs (3-3)

**Credits:** 4

### **ARFA 353 • Painting II**

**Prerequisite:** ARFA 351

This course offers the student further studies in the formal practice of painting in relation to colour theory, observation/interpretation skills, manipulation of material, and compositional structure. It also introduces the student to the relationships between form, subject, and content, and how these components function in context to painting's history and contemporary visual culture.

**Hours:** 84 hrs (3-3)

**Credits:** 4



# ARFA

## **ARFA 357 • Illustration I**

**Prerequisites:** ARFN 231 & ARDR 241

This course is an application of illustration in a creative graphic context. The course incorporates a conceptualization process for deliberate and clear visual communication. It introduces the media, tools, and techniques of illustration. It utilizes research, references, models, and props for illustration. The emphasis is on editorial, informational, and cultural projects.

**Hours:** 84 hrs (3-3)

**Credits:** 4

## **ARFA 372 • Relief Printmaking I**

**Prerequisites:** ARFN 231 & ARDR 241

This course offers an introduction to the concepts, processes and techniques in relief printing. Topics include the linocut, woodcut, and wood engraving. Students will become familiar with the tools and safe practices used in conjunction with relief print making. In addition, students will explore composition, value, and the graphic characteristics of relief printing. Classes will consist of lecture, critiques, and studio based work. Students will also acquire an understanding of the history of relief print making.

**Hours:** 84 hrs (3-3)

**Credits:** 4

## **ARFA 373 • Lithography I**

**Prerequisites:** ARFN 231 & ARDR 241

This course offers an introduction to ideas and techniques in lithographic printmaking leading to an understanding and employment of stone and plate lithography.

**Hours:** 84 hrs (3-3)

**Credits:** 4

## **ARFA 375 • Lithography II**

**Prerequisite:** ARFA 373

The course offers further study of the concept and application of stone and plate lithography.

**Hours:** 84 hrs (3-3)

**Credits:** 4

## **ARFA 377 • Serigraphy I**

**Prerequisites:** ARFN 231 & ARDR 241

This course offers an introduction to the concepts, processes and techniques of screen-printing. Students will become familiar with various stencil-making techniques: such as cut out stencils, liquid block-out stencils, and photographic film stencils. Students will also be provided with the opportunity to learn systematic and creative uses of colour.

**Hours:** 84 hrs (3-3)

**Credits:** 4

## **ARFA 378 • Serigraphy II**

**Prerequisite:** ARFA 377

A further study of the serigraph (silkscreen) method of print making. Both traditional and contemporary approaches will be taught. In addition to common established techniques, various experimental methods will also be introduced. The course work will include improvisational methods of image development, as well as exploration of nontraditional printing surfaces in order to maximize the employment of this unique medium.

**Hours:** 84 hrs (3-3)

**Credits:** 4

## **ARFA 379 • Intaglio I**

**Prerequisites:** ARFN 231 & ARDR 241

This course offers an introduction to concepts, processes and techniques in intaglio print making. Students will become familiar with techniques such as dry point, etching, and aquatint, as a means to explore composition and the drawing and painterly characteristics of intaglio print making. Classes will consist of lectures, critiques, and studio based work. Students will also acquire an understanding of the history of intaglio print making.

**Hours:** 84 hrs (3-3)

**Credits:** 4

## **ARFA 380 • Intaglio II**

**Prerequisite:** ARFA 379

This course offers further studies of concepts, processes and techniques in intaglio printing. In this course students will be introduced to more advanced techniques in intaglio print making such as the chine colle, sugar lift, and collograph. Students will be encouraged to explore areas of creative self-expression. Classes will consist of lectures, critiques, and studio based work.

**Hours:** 84 hrs (3-3)

**Credits:** 4

## **ARFA 407 • 3D Design II**

**Prerequisites:** ARFA 304 or ARFA 305

This course offers a further study of the materials, concepts and techniques of three-dimensional design. Students develop model-making skills. Design principles are applied in the areas of store display, and furniture design. An emphasis is placed on the refinement of the problem solving process and possibilities for individual expression.

**Hours:** 84 hrs (3-3)

**Credits:** 4

## **ARFA 408 • Sculpture II**

**Prerequisites:** ARFA 304 or ARFA 305

This course offers a further investigation of sculptural materials, concepts and techniques. Interdisciplinary projects are encouraged as students extend their sculptural explorations to develop an individual body of work.

**Hours:** 84 hrs (3-3)

**Credits:** 4

## **ARFA 490 • Directed Study**

This course allows you an opportunity to propose and develop a body of work in a medium of your own choice. You are expected to have completed your basic studies in the area in question, and obtain the consent of the program coordinator. In order to secure that consent, you will be expected to submit a written project proposal for the semester to the coordinator for approval by the Art and Design department as a whole. The proposal must be submitted no later than 14 days prior to the first day of classes. That proposal, if approved, will then form the basis of your work in this course and will ultimately lead, by the conclusion of the course, to a final work or works exhibited in a public context. Upon approval this proposal forms the basis of a body of work to be completed during the semester and to be accompanied by an essay describing the process, development and the results of the Directed Study.

**Hours:** 84 hrs (3-3)

**Credits:** 4

## ARFN (Art Fundamentals)

### ARFN 211 • Digital Fundamentals

This course takes a creative approach to learning essential digital applications such as Photoshop and Illustrator. The course will reinforce the elements and principles of design and colour theory. You will have the opportunity to explore industry recognized digital tools and become comfortable with their potential. The acquired technical knowledge will benefit students of both art and design.

**Hours:** 84 hrs (3-3)

**Credits:** 4

### ARFN 231 • 2D Fundamentals I

This course introduces students to the fundamental building blocks of visual art and design. Students focus on the formal elements of art, including line, shape, value, texture, and colour. A variety of techniques, concepts and materials are employed in both wet and dry media. Students gain a firm understanding of the principles of design.

**Hours:** 84 hrs (3-3)

**Credits:** 4

### ARFN 233 • 3D Fundamentals I

An introduction to the basic tools, processes and safety practices of the sculpture studio. Students learn both traditional subtractive techniques through plaster carving as well as additive processes through clay modelling and assemblage. Other topics may include mold-making and casting.

**Hours:** 84 hrs (3-3)

**Credits:** 4

## ARHI (Art History)

### ARHI 201 • World Art Before 1300 CE

This course examines art, architecture, and material culture from prehistory to 1300 CE. Students will learn to analyze and understand art from different time periods and cultural traditions by analyzing the visual culture of diverse groups and will consider issues such as the representations of authority and power, cultural identity, and cultural exchange. We will examine art from diverse cultures including the prehistoric world, the Mediterranean, the Islamic world, the Americas, Asia, and Europe. NOTE: Students cannot receive credit for both ARHI 201 and ARTH 1101.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### ARHI 203 • World Art Since 1300 CE

This course examines art architecture, and material culture from 1300 CE through to the mid-twentieth century with a focus on the development, diversity, and interaction of art and cultural traditions globally. Taking a comparative approach, this course will explore the relationship of cultural expression to globalization, colonialism, power, and social change. Understanding how audiences engaged with these cultural forms and considering how global political and cultural exchanges shaped visual culture may help develop critical analysis skills that are valuable in today's image saturated world. NOTE: Students cannot receive credit for both ARHI 203 and ARTH 1103.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### ARHI 204 • Introduction to Canadian Arts

This course is an introduction to the visual arts in Canada with a focus on modern and contemporary art of the twentieth century, including First Nations, Inuit, and Metis art, cultural policy, collecting, and curatorial practices. Organized thematically and roughly chronologically, we will examine key movements, including impressionism, post-impressionism, abstraction, pop, and conceptual art within the political, social, economic, historical, and colonial contexts.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### ARHI 300 • Methods in Art History

**Prerequisites:** ARHI 200 or ARHI 204 or ARHI 201 or ARHI 203  
In this course, students will study and discuss the key ideas on critical theory, aesthetics, literary theory, film and media studies, architectural theory, visual studies, and cultural studies within the modern and post-modern eras. We will see how theories can help us devise questions about artistic processes, production, objects, curation, and reception. Different methods entail different types of questions and concerns. Students are encouraged to explore the relevancy and application of the various theoretical frameworks within their own artistic practice and/or study.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### ARHI 309 • Design History

This course surveys the history of design in Europe and North America from the eighteenth to the twenty-first centuries. During this time, political, economic, and social change contributed to the increasing importance of designed works including art, architecture, industrial, graphic, and interior design. These designed works are discussed as products of the larger cultural, social, economic, and political forces, especially in terms of means of production and consumption.

**Hours:** 42 hrs (3-0)

**Credits:** 3

# ARHI - ARTH

## **ARHI 317 • Modern Art**

**Prerequisites :** ARHI 200 OR ARHI 204 or ARHI 201 or ARHI 203.

This course explores creative breakthroughs from the mid-nineteenth to the mid-twentieth centuries in western art. Through a roughly chronological approach, we explore painting, sculpture, architecture, photography, graphic design, and more, through the lenses of political, social, economic, and historical factors that influence the artist, art making, and reception.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **ARKY (Archaeology)**

### **ARKY 201 • Introduction to Archaeology**

The basic principles of archaeology - how archaeology remains are located, recovered and interpreted.

**Hours:** 84 hrs (3-3)

**Credits:** 4

### **ARKY 205 • Ancient Peoples and Places**

An overview of Old and New World archaeology; the emergence of humans; and the development of humans and culture from hunting/gathering to agricultural and ancient urban societies.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### **ARKY 303 • Archaeology of North America**

Prehistoric cultural developments in North America.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### **ARKY 306 • Field Course in Archaeological Techniques**

Focus of the course is the practical application of modern field techniques in archaeology, including excavation, recording, and analysis of sites, artifacts and related materials. \*Only offered in a Spring or Summer session.

**Hours:** 98 hrs (0-7)

**Credits:** 4

### **ARKY 307 • Field Course in Archaeological Techniques**

**Prerequisite:** ARKY 306.

Continuation of ARKY 306. \*Only offered in a Spring or Summer session.

**Hours:** 98 hrs (0-7)

**Credits:** 4

### **ARKY 319 • Alberta Archaeology**

This course focuses on the archaeology of the Indigenous peoples of Alberta from the first occupation over 12,000 years ago to the mid-1800s.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### **ARKY 377 • Archaeology in Canada**

This course focuses on prehistoric cultural developments in all regions of Canada.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### **ARKY 381 • Indigenous of North America**

Course features a survey of cultural and linguistic areas of Indigenous North America, including a comparative and historical study of technology, social organization, economic systems, religions, arts and languages.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### **ARKY 419 • Ethnography of the Great Plains**

This course is a comparative study of the peoples and cultures of the Great Plains, past and present.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **ARPH (Art Photography)**

### **ARPH 235 • Introduction to Photography**

Course focuses on black & white and colour photographic processes with emphasis on the potential for accuracy and realism in the photographic image. NOTE: This course is for non-Visual Communication students.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### **ARPH 335 • Photography I**

**Prerequisite:** ARFN 231

This is an introduction to digital photography covering exposure functions (aperture, shutter speed, ISO), compositional framing, post-production editing, lighting, digital printing, and file management. In addition, students will develop the ability to analyze and interpret photographic images.

**Hours:** 84 hrs (3-3)

**Credits:** 4

### **ARPH 337 • Photography II**

**Prerequisite:** ARPH 335

A continuation of the mechanics of digital photography and studio lighting. This course offers studies exploring the means and possibilities to create, process, and print digital photographic imagery with an added emphasis on experimentation and conceptual thinking.

**Hours:** 84 hrs (3-3)

**Credits:** 4

## **ARTH (Art History)**

### **ARTH 1101 • The History of Art: Prehistory to Renaissance**

This course provides a critical overview of the visual arts from the Old Stone Age to the Renaissance. Students are offered a systematic study of aesthetics and the development of art styles which will enable them to develop a basic appreciation and understanding of art and its origins. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.* NOTE: Students cannot receive credit for both ARHI 201 and ARTH 1101.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **ARTH 1103 • The History of Art: Renaissance to the Present**

This course provides a critical overview of the visual arts in Western Europe from the Renaissance to contemporary times. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.* NOTE: Students cannot receive credit for both ARHI 203 and ARTH 1103.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **ASTR (Astronomy)**

### **ASTR 201 • The Solar System**

This is primarily a descriptive course aimed at non-science students where conceptual understanding will be stressed over strict mathematical derivation. The topics covered in this course include the historical development of the heliocentric model; the exploration of the solar system by spacecraft; the structure, atmosphere, and evolution of the planet Earth, the terrestrial and Jovian planets, and their moons; asteroids and Kuiper belt objects; the structure of the Sun; and the formation of the solar system. Extra solar planets and/or life in the universe may also be discussed. NOTE: Students cannot receive credit for both ASTR 201 and ASTR 1101.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### **ASTR 1101 • The Solar System**

This is primarily a descriptive course aimed at non-science students. Conceptual understanding will be stressed over strict mathematical derivation. The topics covered in this course emphasize astronomy in our own solar neighborhood. Topics include the Sun, the terrestrial and Jovian planets and their moons, comets, asteroids, as well as the formation of the solar system. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.* NOTE: Students cannot receive credit for both ASTR 201 and ASTR 1101.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **AUDA (Audiology)**

### **AUDA 212 • Introduction to Audiology**

**Prerequisites:** A minimum of a C grade in KNES 265 or any 200 level LING & TAPC 111 & TAPC 112 & TAPC 113

The course provides the basic knowledge required by an Audiology Assistant in understanding sound acoustics and hearing disorders. Practical opportunities will be provided for introductory audiology assistant learning. In-person lab attendance at Medicine Hat College or an affiliated site is required.

**Hours:** 60 hrs (3-1.25)

**Credits:** 3

## **BCEM (Biochemistry)**

### **BCEM 200 • Introduction to Biochemistry**

**Prerequisites:** CHEM 201 & CHEM 250

A comprehensive introduction to the principles of biomolecules and biopolymers with a focus on integrating their function to the maintenance of the living world. Topics include nucleic acids, protein structure and function, enzymes, biological membranes, and the metabolism of

carbohydrates, lipids, and nitrogen. Theory of experimental techniques such as SDS-PAGE, chromatography, NMR, and mass spectrometry will also be covered.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### **BCEM 393 • Introduction to Biochemical Molecules**

**Prerequisites:** BIOL 311 & CHEM 250 or permission of the Dean

The course focuses on the structure and function of the various biomolecules observed in life on Earth; nucleic acids, amino acids, carbohydrates, lipids, proteins and enzymes, with an emphasis on protein structure and enzyme catalysis. Carbohydrate, lipid and nitrogen metabolism are also covered. The laboratory instructs modern biochemical techniques for analysis of biochemical molecules including carbohydrates, amino acids, proteins, and enzymes.

**Hours:** 70 hrs (3-4/2)

**Credits:** 4

## **BEET (Built Environment Engineering Technology)**

### **BEET 201 • Digital Design & Presentation**

**Prerequisite:** CADD 122

This course is an introduction to the preparation of design presentation graphics using modeling and design applications. Methods and concepts of design presentation graphics at various phases of a project such as new construction and as-built drawings as part of the construction process are discussed. This course will reinforce understanding of the fundamentals of mechanical design, building design and civil design technology and detailing while providing opportunities to explore presentation skills and technical drawings.

**Hours:** 84 hrs (0-6)

**Credits:** 4

### **BEET 231 • Mechanical Design II**

**Prerequisites:** CADD 102 & CADD 121 & CADD 132

This course will examine the design of mechanical systems, analysis of components and systems operation, and manufacturing materials. We will prepare drawings and models in accordance with recognized standards and regulations. Using the latest software and technology, we will simulate real world scenarios that reinforce mechanical design principles. Advanced manufacturing and emerging technologies such as 3D printing, scanning, laser cutting, CNC machining, coding and robotics are applied.

**Hours:** 84 hrs (2-4)

**Credits:** 4

# BEET

## **BEET 232 • Mechanical Design III**

**Prerequisite:** Min. C in BEET 231

Students will be exposed to the design and selection of various machine components and machine drive systems such as shafts, keys, gears, bearings, fasteners, bolted and welded connections. A design project is completed utilizing calculations for the selection of machine elements, sizing of components including a set of working drawings and specifications. Advanced manufacturing and emerging technologies such as 3D printing, scanning, laser cutting, CNC machining, coding, and robotics are applied.

**Hours:** 84 hrs (2-4)

**Credits:** 4

## **BEET 242 • Piping and Control Systems**

**Prerequisite:** CADD 102

This course examines process plant design and drafting practices relating to piping materials, valves, equipment, vessels, and locations according to governing regulations and specifications. Topics will include fluid mechanics and the components and integration of control systems for mechanical and electrical applications. Using current software and technology we will explore topics including: flow diagrams, isometric & orthographic drawings, engineered supports, and 3D virtual models.

**Hours:** 84 hrs (2-4)

**Credits:** 4

## **BEET 261 • Civil Design II**

**Prerequisite:** CADD 161

Students are introduced to civil engineering design concepts using various civil design software tools. Students will be introduced to the principles and applications of Geographic Information Systems (GIS) and components of GIS. Collection of data and manipulation of the data into information including how to effectively display that information with presentation and mapping tools will be explored. Civil engineering topics in the area of urban planning and subdivision layout will be introduced. Students will have the opportunity to explore how various sources of data are collected and utilized to document and solve various civil engineering problems.

**Hours:** 84 hrs (2-4)

**Credits:** 4

## **BEET 262 • Civil Design III**

**Prerequisite:** Min. C in BEET 261

An advanced course developing the theories and practices common in municipal engineering applications. Design and drafting projects may include surface drainage, storm sewer, sanitary sewer, basic roadway design/layout, water system layout, and GIS applications. Municipal topics such as specifications and standards are discussed with examples of Urban Planning and Transportation design to help reinforce good municipal design. Computer design software is utilized to reinforce traditional design/drafting procedures. Project management techniques specific to municipal design and supervision of construction will be reviewed for various infrastructure projects.

**Hours:** 84 hrs (2-4)

**Credits:** 4

## **BEET 271 • Design Strategies**

**Prerequisite:** 2nd Year Standing, or permission of the Coordinator

Through case studies, hands-on projects and theoretical knowledge this course introduces the student to essential skills in the engineering design and development process. Concepts and processes such as project management, teamwork and communication are addressed as students learn about critical phases of the design and development process such as understanding the design requirements, identifying stakeholder constraints, generating alternatives, and communicating the design. Students will apply engineering theory and technology to explore, model, prototype, and present product designs for the built environment.

**Hours:** 84 hrs (2-4)

**Credits:** 4

## **BEET 272 • Capstone**

**Prerequisite:** Min. C in BEET 271

**Corequisite:** 2 of BEET 232, BEET 242, BEET 262, OR BEET 282

Students will research, prepare, and present a major technical report that will apply to one of the related disciplines of engineering technology for the built environment; building construction, mechanical engineering or civil engineering. The technical report is based on research, presentation techniques, technical content, and written style with a specific emphasis on communication.

**Hours:** 84 hrs (2-4)

**Credits:** 4

## **BEET 281 • Building Design II**

**Prerequisites:** CADD 102 & CADD 122 & CADD 182

Technology, terminology, standard building practices and technical drafting standards for residential building design and construction are addressed as students learn and practice fundamental aspects of design, planning and construction. Current 3D modeling and drafting software is utilized. Students are introduced to pertinent building codes, municipal standards, and design practices as they progress through coursework. Topics include floor plan design, elevation drawings, foundation plan, building sections, schedules, structural design and construction details.

**Hours:** 84 hrs (2-4)

**Credits:** 4

## **BEET 282 • Building Design III**

**Prerequisite:** Min. C in BEET 281

An advanced course introducing topics and theories related to commercial building design and construction. Students will build on knowledge in areas of technology, terminology and standards while advancing their knowledge of design, planning, detailing and construction processes. Advanced topics include Barrier Free design, occupant safety, communications (oral, written, and graphic), reporting and coordination as students work both individually and in team environments. Current 3D modeling and drafting software; and pertinent building codes, municipal standards, and design practices are addressed.

**Hours:** 84 hrs (2-4)

**Credits:** 4

## BIOL (Biology)

### BIOL 0020 • Biology 20

**Recommended Prerequisite:** 55% or higher in Science 10

This course follows the Alberta Education Curriculum for Biology 20. This course is delivered in partnership with Coulee Collegiate and Sunrise Collegiate. Students cannot receive credit for BIOL 0020 and BIOL 020.

**Hours:** 120.45 hrs (6.6-2T)

**Credits:** 4

### BIOL 0030 • Biology 30

**Recommended Prerequisites:** 60% or higher in Biology 20 or 50% or higher in any Grade 11 academic Science or Math course

This course follows the Alberta Education Curriculum for Biology 30. The Alberta diploma exam is not required to receive College upgrading credit for this course. This course is delivered in partnership with Coulee Collegiate and Sunrise Collegiate. Students cannot receive credit for BIOL 0030 and BIOL 030.

**Hours:** 120.45 hrs (6.6-2T)

**Credits:** 4

### BIOL 152 • Anatomy and Physiology for Practical Nurses

This course offers an introduction to normal structure and function of the human body, using a body systems approach.

**Hours:** 90 hrs (6-0) 15 wks

**Credits:** 4

### BIOL 205 • The Organization and Diversity of Life

Introduction to fundamental concepts that are the basis for life on earth, including biomolecules, the central dogma, metabolism, cellular function, inheritance, and mechanisms of evolution. Species diversity from unicellular organisms to complex mammals is covered in detail. Exploring the interaction of plant and animal species within the biome will illustrate the interdependence of life on Earth. NOTE: Not open for credit to majors or minors in Biological Sciences. Credit for only one of BIOL 205 and BIOL 231 will be allowed.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### BIOL 221 • Evolution

**Prerequisites:** BIOL 231 & BIOL 233

This course discusses the principles underlying evolutionary change and resulting outcomes in biological systems. Topics include population genetics, variation, natural selection, sexual selection, adaptation, speciation, extinction, human evolution and fossil evidence.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### BIOL 223 • Humans & the Environment

**Prerequisite:** SUST 291

Intensive exposure to current issues and solutions in contemporary human interactions with the environment. Global in scope but focused on case histories. Emphasis on providing biological and sociological background for a given major environment-human interaction, and state-of-the-art suggested solutions.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### BIOL 231 • Introduction to Biology I

**Prerequisites:** BIOL 30 & CHEM 30 or permission of the Dean

This course examines the cellular basis of life of eukaryotic and prokaryotic cells, including biomolecules, cell structure and function, cellular energies, cell reproduction, genetics, and related molecular biology. NOTE: Credit for only one of BIOL 205 or BIOL 231 will be allowed.

**Hours:** 84 hrs (3-3)

**Credits:** 4

### BIOL 233 • Introduction to Biology II

**Prerequisites:** BIOL 30 & CHEM 30

This course examines the evolutionary biology, phylogeny, and organismic biology of plants and animals. In the laboratory, various taxa are introduced with a focus on the diversity, form, and function of plants and major animal phyla.

**Hours:** 84 hrs (3-3)

**Credits:** 4

### BIOL 254 • Plant Taxonomy

**Prerequisite:** BIOL 233 or BOTA 205

This course examines the major plant divisions with an emphasis on the morphology, taxonomy, ecology and reproductive biology of angiosperms and gymnosperms. Identification keys to flora of Western Canada are used during the course. You are required to submit a plant collection. Labs emphasize morphological and anatomical characteristics of major plant families. A portion of laboratory hours will be assigned to field trips.

**Hours:** 70 hrs (3-2)

**Credits:** 4

### BIOL 255 • Ecology

This course is a study of the interactions between organisms and their environment at the individual, population, community and ecosystem levels. Labs concentrate on basic ecological principles and the collection and analysis of field data for determining the distribution and abundance of organisms in their environment.

**Hours:** 70 hrs (3-3)

**Credits:** 4

### BIOL 258 • Zoology

**Prerequisite:** BIOL 30 is recommended

This course is a comparative survey of the animal kingdom, with emphasis on the classification, adaptation, morphology, and physiology of vertebrates. Laboratory studies involve the structural and functional adaptations of vertebrates, and recognition and identification of vertebrate taxa.

**Hours:** 70 hrs (3-2)

**Credits:** 4

### BIOL 259 • Aquatic Ecology

**Prerequisite:** BIOL 30 is recommended

This course is a study of abiotic and biotic interactions in the freshwater aquatic environment. This includes the physical and chemical characteristics of streams and lakes and the classification, morphology, identification, and ecology of aquatic invertebrates and vertebrates. Laboratory studies emphasize the study of aquatic organisms and their interaction. This course includes an applied field component.

**Hours:** 70 hrs (3-2)

**Credits:** 4

# BIOL - CADD

## **BIOL 275 • Basic Human Anatomy and Physiology I**

**Prerequisite:** BIOL 30 is recommended

BIOL 275 and BIOL 277 are designed to give a thorough basic knowledge of the structure and function of the human body. BIOL 275 begins by examining the levels of organization (atom through organ systems) of the human body, then explores four organ systems in detail. These systems include: the skeletal and muscular systems that support and protect the body, and make movement possible; and the endocrine and nervous systems which integrates and coordinates body function. Some disorders of each systems are explored. NOTE: Student cannot receive credit for both BIOL 275 & BIOL 305.

**Hours:** 84 hrs (3-3)

**Credits:** 4

## **BIOL 277 • Basic Human Anatomy and Physiology II**

**Prerequisite:** BIOL 275

This course examines the organ systems not studied in BIOL 275, including the special senses, integumentary, digestive, respiratory, circulatory, lymphatic, urinary systems, and the male and female reproductive systems. Some disorders of each system will be explored. NOTE: Student cannot receive credit for both BIOL 277 & BIOL 305.

**Hours:** 84 hrs (3-3)

**Credits:** 4

## **BIOL 305 • The Human Organism**

**Prerequisites:** BIOL 30 or BIOL 205 or BIOL 231

This course serves as an introduction to the structure and function of the human body for non-majors in biology. It focuses on major organ systems, and their interaction with each other and the external environment. Diet, pathogens, and environmental agents relationships to health and disease is featured. This course will develop an appreciation of humans as biological organisms and our fit within the greater biosphere. NOTE: Not open for credit to majors and minors of Biological Sciences. Students receiving credit in BIOL 305 cannot receive credit for any of BIOL 275, BIOL 277, KNES 261, PHSY 370 or PHSY 371.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **BIOL 311 • Principles of Genetics**

**Prerequisites:** BIOL 231 & BIOL 233 or permission of the Dean

Gene function is examined at the molecular level, including the arrangement and function of regulatory and coding sequences. The chromosomal and molecular basis for transmission of traits is studied through inheritance patterns, recombination, linkage, genetic and physical maps. Gene mutation and chromosomal abnormalities will be covered to understand genetic diseases such as cancer. Genome sequencing, genetic engineering, microarray analysis, along with the use of model organisms in laboratory, will illustrate modern experimental techniques.

**Hours:** 84 hrs (3-3)

**Credits:** 4

## **BIOL 313 • Introduction to Ecology and Evolution**

**Prerequisites:** BIOL 231 & BIOL 233 or permission of the Dean

An examination of evolutionary and ecological concepts that explain the interactions of organisms at the individual, population, community and ecosystem levels with their biotic and abiotic environment. Labs explore ecological principles and the collection and interpretation of data.

**Hours:** 84 hrs (3-3)

**Credits:** 4

## **BIOL 321 • Mechanisms of Evolution**

**Prerequisites:** BIOL 231 & BIOL 233

This course discusses the mechanisms underlying micro and macro-evolutionary outcomes in biological systems. Topics include population genetics, variation, natural selection, sexual selection, adaptation, speciation, extinction and fossil evidence.

**Hours:** 84 hrs (3-3)

**Credits:** 4

## **BIOL 331 • Introduction to Cellular & Molecular Biology**

**Prerequisites:** BIOL 311 and CHEM 250 or permission of the Dean

The course addresses the principles of cellular structure and function through various topics including membrane structure and transport, intracellular compartments, the cytoskeleton, cell communication, pattern formation during embryogenesis, the regulation and dysregulation of cell proliferation, stem cells, and tissue renewal. The tutorial will introduce students to modern microscopy techniques including confocal fluorescence and electron microscopy, as well as the process of creating an academic poster.

**Hours:** 56 hrs (3-1T)

**Credits:** 3

## **BOTA (Botany)**

### **BOTA 205 • Introduction to Botany**

An overview of the structure, function, biology and diversity of organisms included in the plant kingdom including algae, fungi and lichens. Emphasis is on reproduction, development, structural and functional innovations of vascular plants in their environment.

**Hours:** 84 hrs (3-3)

**Credits:** 4

## **CADD (Computer Aided Drafting and Design)**

### **CADD 101 • Drafting I**

In this foundational course, students are introduced to the tools and techniques of drafting and technical illustration. Sketching, freehand lettering, line work, drafting nomenclature and document layout, applying proper techniques to create and dimension single view and multi-view drawings. Using Autodesk AutoCAD®, and/or other current drafting applications students are introduced to the drawing environment in metric and imperial units based on common drafting standards. The use of scales, line weight, dimensioning techniques and standards will be applied to all drawings, manual or digital. Other common computer applications and productivity software such as word-processing, spreadsheet and presentation applications will be introduced. File management, basic commands, editing, styles, layer creation, entity verification and printing will be used to develop drawings, documents and presentations.

**Hours:** 70 hrs (2-3)

**Credits:** 4

## **CADD 102 • Drafting II**

### **Prerequisite: CADD 101**

Building on the foundational skills developed in CADD 101, students will advance their manual and digital drafting, communication, and presentation skills as they continue to reinforce and expand their theoretical knowledge. Topics include isometric projections, cross-sections, multi-view drawings, drawing layout, annotation, document sharing – both hard copy and electronic.

**Hours:** 70 hrs (2-3)

**Credits:** 4

## **CADD 121 • CADD Applications I**

### **Corequisite: CADD 101**

Students will learn to operate Autodesk Inventor for 3D parametric modeling, drafting, design and technical illustration for mechanical design technology at an intermediate level. Topics including user interface, tools, file management, parts modeling, assemblies, geometric and dimensional constraints will be covered. Basic mechanical design terminology related to parts, assemblies, and drawings will also be covered. Students will produce design, working, and presentation drawings and 3D models in the engineering drafting and design disciplines. Advanced manufacturing and emerging technologies such as 3D printing, scanning, laser cutting, CNC machining, coding, or robotics may be introduced.

**Hours:** 84 hrs (2-4)

**Credits:** 4

## **CADD 122 • CADD Applications II**

### **Corequisite: CADD 101**

With a focus on advanced design and drafting theory and technology, students will advance their understanding of the fundamental design concepts and software to develop 3D and 2D technical drawings and models. Advanced manufacturing and emerging technologies such as 3D printing, scanning, laser cutting, CNC machining, coding, and robotics may be introduced.

**Hours:** 84 hrs (2-4)

**Credits:** 4

## **CADD 132 • Mechanical Design I - Applied Physics**

### **Prerequisite: CADD 101**

This course will examine statics and strength of materials. CADD applications will be used as a tool to explore and visualize problems and solutions to mechanical and physics problems. Topics will include force vectors, force system resultants, moment of a force, equilibrium of a rigid body, frictional forces, structural analysis, simple trusses, frames and machines, center of gravity, centroid and moment of inertia, strain, stress, mechanical properties of materials and Hooke's law.

**Hours:** 84 hrs (2-4)

**Credits:** 4

## **CADD 151 • Technical Communication**

This course prepares students for written, visual and oral communication for engineering and architectural technology disciplines. The primary focus of this course is to develop the skills to write, format and present a technical report to industry standards while developing the use of engineering terminology correctly and accurately in written and oral communication. Emphasis is placed on the language, structure, style, content, and graphic presentation required for technical communications in engineering and architectural technology disciplines. Other topics include communication for engineering changes such as Requests for Information, and Change Orders; instructions and procedures; meeting agendas, and summaries; process flow

charts; and employment search communications including resume, cover letter and job interview. Students will develop research skills, becoming familiar with technical journals, and literature. Students will learn and apply word processing, spreadsheets, and other digital applications to communicate clearly and effectively.

**Hours:** 56 hrs (2-2)

**Credits:** 3

## **CADD 161 • Civil Design I - Civil Design Fundamentals**

### **Prerequisite: CADD 101**

The theory of surveying covering the vertical and horizontal measurement of distances and angles. Open and closed traverse computations and adjustment, levelling circuits, profiles, cross sections and horizontal curves. Introduction to the land survey system of Western Canada and the relationship to topographical drafting and topographic maps. Topographical nomenclature; contour maps; interpretation of survey notes to complete Civil engineering drawings. Aerial photo interpretations, map reference, map location grids and interpretation of topographical features are discussed.

**Hours:** 84 hrs (2-4)

**Credits:** 4

## **CADD 172 • Sustainability & Systems Thinking**

Students are introduced to sustainability concepts and programs; and are given the opportunity to discuss and explore sustainability as it relates to the built environment. Systems Thinking is introduced as a means to think critically, understand and discuss sustainability topics.

**Hours:** 56 hrs (2-2)

**Credits:** 3

## **CADD 173 • Construction Methods**

This course presents the functions, concepts, and drawings related to construction methods for projects in the mechanical design, civil design and building design disciplines. Students will have the opportunity to explore these topics for various components of the built environment while incorporating the appropriate codes and specifications. The essential theories of project management as they relate to the engineering environment within the confines of owner specifications and applicable codes will be explored. Students will be introduced to the project manager's role in the process of coordinating people and projects using various management methods including but not limited to: work breakdown structures, project scheduling, estimating, contract administration, management of change, quality, safety and risk management.

**Hours:** 56 hrs (2-2)

**Credits:** 3

## **CADD 174 • CADD Labs**

This course will provide students with an interdisciplinary opportunity to work hands-on in a lab environment in order to gain practical experience related to one or more disciplines related to the engineering of the built environment. Opportunities may include one or more of visual communications, business, plumbing, electrical, welding, pipe-fitting, carpentry, automotive/heavy equipment, or other interactions with external partners. Issues and topics relating to workplace health and safety will also be addressed.

**Hours:** 70 hrs (0-5)

**Credits:** 4



# CADD - CJLS

## **CADD 182 • Building Design I - Building Systems**

**Prerequisite:** CADD 101

Major building systems influence the form, function and performance of buildings as well as how people experience the spaces they work and live in. This course will introduce students to structural, building envelope, HVAC, plumbing, and electrical systems for residential and/or light commercial buildings. Students will also explore how environmental and site conditions can impact how a building functions with respect to its major systems.

**Hours:** 84 hrs (2-4)

**Credits:** 4

## **CHEM (Chemistry)**

### **CHEM 0020 • Chemistry 20**

**Recommended Prerequisite:** 55% or higher in Science 10

This course follows the Alberta Education Curriculum for Chemistry 20. This course is delivered in partnership with Coulee Collegiate and Sunrise Collegiate. Students cannot receive credit for CHEM 0020 and CHEM 020.

**Hours:** 120.45 hrs (6.6-2T)

**Credits:** 4

### **CHEM 0030 • Chemistry 30**

**Recommended Prerequisite:** 60% or higher in Chemistry 20 or 50% or higher in any Grade 11 academic Science or Math course

This course follows the Alberta Education Curriculum for Chemistry 30. The Alberta diploma exam is not required to receive College upgrading credit for this course. This course is delivered in partnership with Coulee Collegiate and Sunrise Collegiate. Students cannot receive credit for CHEM 0030 and CHEM 030.

**Hours:** 120.45 hrs (6.6-2T)

**Credits:** 4

### **CHEM 201 • General Chemistry I**

**Prerequisites:** CHEM 30 & MATH 30-1. MATH 31 is strongly recommended

This course features both lecture and laboratory work for instruction.

**Lecture:** Basic chemical concepts with an emphasis on stoichiometry; chemical bonding; atomic and molecular structure; the states of matter and phase changes; properties of solutions.

**Laboratory:** Experiments are designed to illustrate the lecture material and to develop skill in using basic laboratory equipment.

**Hours:** 98 hrs (4-3)

**Credits:** 4

### **CHEM 203 • General Chemistry II**

**Prerequisite:** CHEM 201

This course features both lecture and laboratory work for instruction.

**Lecture:** An extension of CHEM 201 with an emphasis on: gas phase, acid-base and solubility equilibria; thermodynamics; oxidation-reduction concepts and electrochemistry; chemical kinetics and nuclear chemistry.

**Laboratory:** Experiments are designed to highlight the lecture material and to develop skill in using the necessary laboratory equipment.

**Hours:** 98 hrs (4-3)

**Credits:** 4

### **CHEM 250 • Organic Chemistry I**

**Prerequisite:** CHEM 201 or the equivalent

This course features both lecture and laboratory work. Lectures: The study of functional groups found in the main classes of organic compounds and their molecular conformation and stereo-chemistry important to biology (e.g., amino acids, proteins, medicinals, pesticides, fats, sugars, carbohydrates, nucleic acids) as well as some molecules found in everyday life (soaps, detergents, fibres, perfumes, polymers, etc.) are discussed. Laboratory: Techniques in organic chemistry, and preparation of some organic compounds.

**Hours:** 98 hrs (4-3)

**Credits:** 4

### **CHEM 251 • Organic Chemistry II**

**Prerequisite:** CHEM 250

Continuation of CHEM 250.

**Hours:** 98 hrs (4-3)

**Credits:** 4

### **CHEM 350 • Organic Chemistry I**

**Prerequisite:** CHEM 203

Both lecture and laboratory work comprise the instruction for this course.

**Lectures:** A systematic view of organic chemistry from the traditional functional group approach. It provides a comprehensive background in organic chemistry as a basis for the further study of molecular processes and events in biological, environmental and industrial systems. Emphasis is on the relationship between chemical families and their interconversions. Mechanistic concepts such as acidity, basicity, and redox reactions will be used throughout to explain and predict organic and bio-organic reactions. Bio-organic and biologically significant organic chemistry is illustrated throughout.

**Laboratory:** Techniques in organic chemistry; and the preparation of organic and bio-organic compounds.

NOTE: Students who have obtained credit for CHEM 250 cannot take CHEM 350 for credit.

**Hours:** 98 hrs (4-3)

**Credits:** 4

### **CHEM 351 • Organic Chemistry II**

**Prerequisite:** CHEM 350

This course is a continuation of CHEM 350. NOTE: Students who have obtained credit for CHEM 251 cannot take CHEM 351 for credit.

**Hours:** 98 hrs (4-3)

**Credits:** 4

## **CJLS (Criminal Justice and Legal Studies)**

### **CJLS 100 • Introduction to Criminal Justice**

An introduction to the historical and contemporary operational practices of the criminal justice system. The focus of this course is to provide foundational learning as to what society aims to accomplish with a Criminal Justice system, and how to respond to crime in Canada. This process includes familiarizing students with the evolving nature of law enforcement, courts and correctional services. Additionally, students will be informed on various careers as well as the competencies and skills required within the field of Criminal Justice. This course will also mention the importance and practice of personal wellness, resilience, and self-care.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **CJLS 101 • Introduction to Criminal Justice Careers**

The focus of this course involves the study of the philosophy and history of careers within the criminal justice profession. Topics include orientation to a broad variety of criminal justice careers including: law enforcement, correctional services, security agencies and their organizational structures. The basics of risk identification; quantification; prioritization; and the risk transfer process will be reviewed. Additionally, a component on interagency communications will be presented. Students will also gain an understanding of the importance of recording accurate and thorough professional notebooks.

**Hours:** 56 hrs (4-0)

**Credits:** 3

## **CJLS 102 • Effective Communications in Criminal Justice**

This course focuses on the theory and practice of effective human relations. Rewarding interpersonal relationships are the foundation of both our personal and professional success. The quality of our relations with others – family, friends, colleagues, and the general public – depends on our interpersonal skills. The purpose of this course is to help students understand and master those skills. The course offerings will also address the importance of diversity in law enforcement and the need to have an appreciative understanding of other cultures, races, orientations, abilities and the need for gender equality.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **CJLS 103 • Theories of Crime**

In this course, students critically analyze aberrant behaviours with emphasis on their nature, incidence, correlates, control and prevention. This course focuses on the assessment of both the individual circumstances that may lead people to commit crime as well sociological explanations for criminal behaviour. Students will be able to differentiate aberrant behaviour from normative conduct in both its application and impact on the criminal justice system. By understanding why crimes are committed, methods of crime control and offender rehabilitation may be developed.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **CJLS 104 • Criminal Law and the Judicial Process**

This class instills a working knowledge of important federal, provincial, and municipal laws. Learners will understand the basis of Canadian jurisprudence and the development of law and legal institutions as well as the structure and system of Canadian courts and the exercise of judicial power. This course explores the main sources and types of law in Canada, where they are derived from and the philosophy of the Canadian Justice system. Additionally, students will become familiar with laws and legal rules that pertain to young offenders, Indigenous peoples and other non-dominant identities.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **CJLS 105 • Policing and Law Enforcement**

**Prerequisite:** CJLS 100

This course examines historical development of law enforcement, as well as the modern operations of police forces in Canada. Students will develop a comprehension of the general structure and organization of police agencies as well as the duties and competencies

required of police officers. Focus is placed on the current movement in policing from the traditional, reactive style of law enforcement to the more proactive, community-based model demanded in an evolving Canadian society. Finally, complex topics such as legal authority and use of force will be emphasized.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **CJLS 106 • Law and the Administration of Justice**

This is an introductory course on the fundamental legal precepts and philosophies in the areas of criminal law in Canada. A study relating the civil court structure to criminal law is included, as well as a discussion of Canadian case law.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **CJLS 107 • Corrections and Offender Rehabilitation**

**Prerequisite:** CJLS 100

With the context of the judicial process in Canada, this course examines methods of correctional supervision prior and subsequent to sentencing. This course examines the history of correctional systems in Canada, as well as the current theory and practices of corrections. Primary topics include sentencing, remanding, incarceration, probation, parole, institutional programs, rehabilitation, and offender case management. Additionally, students will begin to develop interviewing and report writing skills as would be required in corrections careers.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **CJLS 108 • Young Persons in Conflict with the Law**

**Prerequisite:** CJLS 103, CJLS 104

This course focuses on the nature and extent of youth crime in Canada and its treatment and control. Theoretical and policy issues specifically relevant to young offenders, how those systems developed over time, and the philosophy of the Youth Criminal Justice Act will be thoroughly explored. Finally, factors which contribute to youth deviance and trends of youth crime will be assessed.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **CJLS 111 • Investigations and Forensics**

This course is an introductory investigations course focusing on the basics of forensics at a crime scene. The legal and procedural aspects of processing a crime scene are covered in detail. Investigative actions include the securing of a crime scene, controlling access, assessing evidence potentiality, recording the scene and the proper handling of evidence. Search techniques, report writing, incident scene drawing and measuring techniques are studied and applied.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **CJLS 116 • Federal and Provincial Criminal Justice Legislation**

### **Prerequisite: CJLS 106**

This course will introduce the students to a myriad of legislation utilized by criminal justice industry professionals. While CJLS 101 touches on the various career paths available in criminal justice, CJLS 116 will reach deeper to establish the legal parameters these professionals work within. This course will evaluate the legislative framework found in both federal and provincial criminal justice agencies.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **CJLS 120 • Lifestyles and Career Orientation**

The focus of this course is to offer the students important information about lifestyle challenges specific to a law enforcement environment such as the impact of shift work and stress, the hazard of post-traumatic stress disorder, the value of physical fitness, and the need for dietary balance. The students will be introduced to concepts of healthful living and the dangers of self-medication and substance abuse. The second component of the course will involve preparations for future careers, including covering letters, resumes and undertaking a behavioral interview.

**Hours:** 28 hrs (2-0)

**Credits:** 1.5

## **CJLS 126 • Criminal Code, Offence Elements and the Charter**

### **Prerequisite: CJLS 106**

This course is a comprehensive study of various Criminal Code sections. Emphasis is placed on an in-depth analysis of selected criminal offences, the elements of crime pre-trial criminal procedures, the trial process, and the significance of the Canadian Charter of Rights. There is also an examination of the statutes and procedures related to civil and administrative tribunals.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **CJLS 131 • Interviewing and Statements**

This course introduces the human element into investigative procedures, including information of the frailty of human recollection and observation as well as aspects of detecting deception. Statement taking and the legal parameters of receiving a confession are covered extensively. Students also will become familiar with various surveillance techniques and utilize these techniques and methods in an applied learning environment.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **CJLS 135 • Police and Security Technical Reports**

This course focuses on the technical forms and report writing required in the police and security fields. This course includes the preparation of original, continuation, investigative, and exhibit reports. Students will learn the logical analysis of material and evidence as well as the proper format, structure, and presentation of material and evidence in written and oral forms. This course incorporates a computer element, and students will be required to attain keyboarding and word processing speed of 20 wpm. Students will also attain proficiency in Microsoft Word.

**Hours:** 56 hrs (4-0)

**Credits:** 3

## **CJLS 166 • Introduction to Natural Resource Law**

This course is an introduction to the Canadian legal system and sources of environmental law. The evolution and creation of law with a direct focus on the role of resource law enforcement in resource management are examined. The fundamental principles of the Canadian judicial system, trials, sentencing, appeals and the Canadian Charter of Rights and Freedoms are also reviewed. Selected provincial and federal environmental laws that regulate air, contaminated land, waste and wildlife are addressed. Officer, directors, corporate liability, and common defenses are examined.

**Hours:** 56 hrs (4-0)

**Credits:** 3

## **CJLS 200 • Contemporary Issues in Criminal Justice**

### **Prerequisite: CJLS 100, CJLS 103**

This course examines the significant cultural elements which impact and influence the Criminal Justice System. This includes recognition of technological advancement, activist and political pressures, group identity issues, and the evolving nature of crime, criminals and criminal justice professionals. This course further examines historical crime control in comparison to modern responses to aberrant behaviour. Emphasis will also be placed on Indigenous issues in Canada as it relates to Criminal Justice including case law, relevant criminal legislature, and disproportionate representation within the carceral system.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **CJLS 202 • Criminal Investigations**

### **Prerequisite: CJLS 105**

This course expands upon the practice of policing and law enforcement. Emphasis will pertain to applying forensic investigative practices at crime scenes, crime scene and witness management, with attention to evidence identification, categorization, collection and preservation. Additionally, this course will have students learn and apply interview and interrogation techniques as it applies to criminal investigations. Finally, this course will explore the nuance between different types of criminal investigations as it pertains to complexity, sources of evidence, and legal practices.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **CJLS 203 • Conflict Management and Crisis Intervention**

### **Prerequisite: IDST 100**

This course further develops the communicative abilities of students by paying attention to crisis, conflict, de-escalation, recognition of authority, and proper application of assertion and legal authority. This course will also expand upon students' comprehension of use of force and the ethical complexities of those issues. Students will participate in role play and authentic criminal justice scenarios with the purpose of practicing and developing advanced communication skills.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **CJLS 204 • Professional Ethics in Criminal Justice**

**Prerequisite:** CJLS 200

This course identifies some of the more nuanced ethical challenges faced by professionals in the field of criminal justice and allows students to formulate opinions and critically engage with such ethical dilemmas. This course provides learners an opportunity to apply and demonstrate competencies such as written and verbal communication, problem solving, critical thinking, and ethical decision-making.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **CJLS 221 • Investigative Techniques**

**Prerequisite:** CJLS 111, CJLS 131 and CJLS 231

The course focuses on witness interview as well as persons of interest interview techniques. An in-depth study of various police investigative techniques, including wiretaps, use of technology, the role of social media, crime management systems, and risk management and assessment in criminal investigations will be undertaken. This course also focuses on interagency cooperation and investigations and includes a study of white-collar crime and investigation techniques. This course will also undertake a practical application of surveillance techniques as utilized by a variety of enforcement practitioners.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **CJLS 224 • Mental Health**

This course examines the major mental disorders and their relationship to criminal behavior. The focus is on recognizing, understanding, and effectively responding to situations involving individuals displaying abnormal behavior.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **CJLS 231 • Forensic Science**

**Prerequisite:** CJLS 111

This course focuses on the use of various methods of crime scene management, methods of identifying persons involved in crimes, and a study of selected criminal offences. Areas that are covered in this course include crime scene collection methods, forensic issues such as DNA, hair and fibre, fingerprinting, explosives, and other related issues. Students will become familiar with exhibit and lab reports and the use of various crime scene labs.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **CJLS 233 • Legal Evidence and Trial Presentation**

**Prerequisite:** CJLS 101, CJLS 106, CJLS 116 and CJLS 126

As a group project, students will utilize notes, statements and evidence gathering techniques to investigate a crime and then prepare a proper report, court brief and criminal charges which are presented at a mock trial. The extensive nature of this detailed reporting and procedural course demands attention to and understanding of Impaired Driving legislation from the Criminal Code and provincial legislation perspectives.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **CJLS 241 • Major Criminal Investigations**

**Prerequisite:** CJLS 111, CJLS 126, CJLS 231 and CJLS 233

This course focuses on criminal investigations. There is a review of crime scene management techniques and basic and advanced investigative techniques. Topics include some selected case studies and specific issues such as homicide, search and seizure, property offences and related offences. Students in a group project will investigate a major mock crime and will employ techniques and methods learned in this course to complete a full and proper investigation. Students will utilize investigative interviews and person of interest interview techniques during the mock investigation.

**Hours:** 56 hrs (4-0)

**Credits:** 3

## **CJLS 246 • Federal and Provincial Statutes**

**Prerequisite:** CJLS 106

This course focuses on crimes against persons including homicides, criminal harassment, peace bonds, obstruction, perjury, and related offences. It also covers other federal statutes including the Controlled Drugs and Substances Act and the Youth Criminal Justice Act. A number of Alberta provincial statutes are covered including but not limited to: The Gaming and Liquor Act, The Police Act and Regulations, Traffic Safety Act, and other relevant statutes including municipal by-laws.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **CJLS 247 • Public Safety and Emergency Management**

This course prepares the students employed in the law enforcement field to render assistance to the public when unforeseen natural or man-made disasters occur. Students also receive instruction in the areas of crowd control, fire hazards, fire prevention, and the identification of dangerous goods, officer safety, bomb threat, and site management.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **CJLS 251 • Specialized Investigations**

Course focuses on developing the analytical techniques applicable to many aspects of the criminal justice industry. The honing of critical thinking skills will include the utilization of an array of systematic processes for evaluation. The threat risk assessment process and threat mitigation will be discussed. This framework is then utilized to develop an understanding of crime analysis, criticality and impact analysis and corporate espionage.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **CJLS 257 • Leadership and Development**

This course focuses on the dynamics of effective leadership. Leaders are human relations specialists. They understand themselves and others, appreciate the challenges and responsibilities of leadership, and are committed to maximizing human potential. The purpose of this course is to examine basic management concepts and leadership styles, and to arrive at a deeper understanding of the critical issues in law enforcement management today. Human relations, team-building, and oral communication skills are further developed.

**Hours:** 42 hrs (3-0)

**Credits:** 3

# CJLS - CNST

## **CJLS 261 • Intelligence, Espionage and Terrorism**

This course examines the intelligence community globally and in Canada. It will include discussion and implementation of analytical techniques utilized to identify and assess a threat to national security as well as the techniques utilized in espionage and the potential impact on Canadian strategic interest. The course extensively covers the concern of modern terrorism in the context of the various international perspectives and priorities. The program will also undertake a practical application of surveillance techniques as utilized by a variety of enforcement practitioners.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **CMMB (Cellular Molecular Microbiology)**

### **CMMB 250 • Microbiology for Health Care Professionals**

**Prerequisite:** BIOL 30

Recommended Background: CHEM 30

This course is intended to provide health care professionals with a working knowledge of infectious disease. Major lecture topics will be devoted to structure and function relationships in pathogenic microorganisms and how these are expressed in host-parasite interactions. Microbial diseases of specific organ systems will be examined as will host response mechanisms. The laboratory will emphasize fundamental microbial techniques and use them to illustrate lecture content.

**Hours:** 84 hrs (3-3)

**Credits:** 4

### **CMMB 343 • Introduction to Microbiology**

**Prerequisites:** BIOL 231 & CHEM 250

Introductory study of the systematics, ecology, physiology, molecular biology, and role in pathogenesises of the major groups of prokaryotes.

**Hours:** 84 hrs (3-3)

**Credits:** 4

## **CNST (Canine Studies)**

### **CNST 110 • Canine Physiology & Care**

This course provides an overview of basic canine physiology and care. Topics include basic physiology, veterinary care, canine first aid, and grooming. This course highlights important considerations including anatomical soundness in working dogs, minimizing husbandry stress, and ethical treatment of canines.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### **CNST 111 • Puppy Development, Early Foundations & Training**

**Corequisite/Prerequisite:** COMM 140 or permission from the Program Coordinator

This course focuses on puppy development and early training with young canines. You will learn positive reinforcement training methods and work with a service dog in training applying basic pup care, socialization, and foundational obedience training. Students in this course will be required to work in groups, each responsible for housing, training, and caring for a services dog in training throughout their time in the program. Students will learn and apply training for life skills and house manners at various developmental stages as well as how to work to meet species specific needs through enrichment. All skills

will be practiced in lab work in group settings. Skills practiced in lab settings will also include marker timing, grooming, vet handling and general care of the service dogs in training in the program.

**Hours:** 56 hrs (2-2)

**Credits:** 3

### **CNST 112 • Introduction to Canine Learning Theory and the Human/Dog Connection**

This course introduces students to canine learning theory, concepts of training philosophies, and canine cognition. Students will develop knowledge and skills needed to implement positive reinforcement training and an understanding of the modern training and teaching practice. Students will learn about applied animal behaviour including the importance of understanding and reading canine body language, identifying appetitive versus aversive training from the dog's perspective, and focusing on the ethical and humane treatment of dogs. This course will also explore the human/dog connection and common myths and misconceptions of canine behavior.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### **CNST 113 • Kennel Technologies**

This course examines the safe containment of animals in kennel environments such as animal shelters, breeding kennels and other similar environments. Topics include containment, sanitation, animal health, safety concerns and providing an enriching environment.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### **CNST 114 • Obedience Training for Public Access**

**Prerequisite:** CNST 111

**Corequisite/Prerequisite:** COMM 252 or permission of the Program Coordinator

In this course students will continue to learn and advance basic obedience training using positive reinforcement methods with service dogs in training in the program. Students will learn about specific training goals and techniques for dogs with a future of service work, focusing on leash skills, public access, and marker timing. Students will have the opportunity to develop lesson plans and coach their peers while developing critical thinking skills and examining biases that can affect their coaching of clients. Skills will be practiced in lab classes in group settings including public access outings, grooming, vet handling and general care of the service dogs in training in the program.

**Hours:** 56 hrs (2-2)

**Credits:** 3

## **CNST 120 • Introduction to Dog Selection, Assessment & Breeding**

**Prerequisite:** CNST 110

This course explores the selection of dogs for various roles based on skills, biddability, health, breed characteristics, and genetics. Students will learn about the importance of health and temperament testing prior to breeding dogs. Additionally, students will learn how to assess puppies and adult dogs from a variety of backgrounds for service dog work. The course also introduces students to the dog breeding & whelping processes and early neurological stimulation and puppy socialization. Students will have the opportunity to visit dog breeders and observe puppy assessments as part of this class.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **CNST 121 • Introduction to Assistance Dog Laws**

This course investigates assistance dog-related laws provincially, nationally, and internationally. Human rights acts as well as guide dog and services dogs acts and regulations will be discussed. Topics include the completeness, efficacy, enforceability, consequences and problematic factors of current acts and regulations. Students will also explore animal assisted intervention and the emerging roles of facility dogs in schools, counseling offices, courthouses, and other settings.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **CNST 215 • Introduction to Canine Career Pathways**

This course investigates various canine career opportunities within the service dog industry including service dog trainers, instructors, kennel attendants, puppy program staff, and client services. Students will also learn about the various training certifications and governing bodies within the canine industry. Students will also explore canine career opportunities outside of the service dog industry including vet clinic staff, dog day care attendant, and behaviour consultant .

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **CNST 216 • Service Dog Roles & Task Training**

**Prerequisite:** CNST 114

**Corequisite/Prerequisite:** MGMT 263 or permission from the Program Coordinator

Service dogs are utilized to perform specific tasks to mitigate symptoms of a disability or disabilities for their clients. They are not a pet but viewed as a medical aid. This course will explore the roles a service dog can play in mitigating symptoms of various disabilities. Students will apply their knowledge of various training concepts to train various service dog tasks with reward-based methods. Students will continue training the service dogs in training in home manners, leash skills and public access as part of their lab classes and homework. Students will also learn about the goals of public access training and perform assessments to track dogs' progress in training and readiness for placement.

**Hours:** 56 hrs (2-2)

**Credits:** 3

## **CNST 217 • Client Processing & Dog Matching**

**Prerequisite:** CNST 112

**Corequisite:** CNST 218

This course focuses on screening and assessing interested individuals and their compatibility with a service dog as well as the role of the client of a service dog organization providing a variety of service dog specialties. Topics include client application, interviews, confirmation of eligibility, placement, and follow-up as they apply to an organization. Specifics of the temperament of the dog, and matching a compatible client, based on needs and lifestyle are explored via cumulative case study.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **CNST 218 • Introduction to Disability for Service Dog Providers**

**Corequisite:** CNST 217

In this course students will gain the knowledge required to work as a service dog provider within the disability community. Topics explored include ableism, disability culture, various health conditions and their spectrums, focusing on disabilities for which service dogs are most commonly trained to assist. The course will discuss common diagnoses, clinical signs, progressive stages, and various areas that can be affected by disability including speech, language, physical, motor, cognitive, sensory, and social. Having a clear understanding of the clients' needs at the time of application, during the training process, and throughout the career of the dog is pivotal to team success.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **CNST 219 • Common Behaviour Problems, Creating Training Plans & Peer Training**

**Corequisite/Prerequisite:** CNST 216 & MGMT 270

Students will explore common struggles of canine adolescence and learn how to develop training plans to effectively change behaviour through positive reinforcement. Students will learn signs to recognize and manage behaviours that are incompatible with service dog success, and factors at play when releasing a dog in training from service work. Students will develop skills to work with the human end of the leash, both in individual and group settings. This course will be used to assess students' skills and techniques in instructing private and group training sessions and mentoring 1st year students. Students will also gain experience in evaluating a dog's progress and suitability for service dog work.

**Hours:** 56 hrs (2-2)

**Credits:** 3

## **CNST 222 • Service Dog & Canine Studies Management - Work Term**

**Prerequisites:** CNST 219, COMM 252 & MGMT 263

This experiential learning term provides students an opportunity to apply knowledge and skills into practice. During the work term students will also be able to work alongside a mentor in hands-on experiences with client application, processing, assessment, placement, training, and follow-up. Students will have the opportunity to observe and work with a variety of different dogs and training goals during this work experience. Students may be required to obtain a Vulnerable Sector Check, at their expense, prior to placement with some work term employers. Students may be required to travel for work term opportunities. Graded on a CR (pass)/NC (fail) basis.

**Hours:** 240 hrs (0-30) 8 wks

**Credits:** 6

# COMM - CPSC

## COMM (Communications)

### COMM 140 • Communication in the Workplace

This introductory communications course provides a general foundation for quality communication in the workplace through written, oral, and visual representation. Its emphases are reviewing basic grammar, developing a personal style, attending to audience and purpose, and enhancing research skills. You will work individually and collaboratively on various written assignments, including a documented research report, as well as give oral/visual presentations.

**Hours:** 56 hrs (4-0)

**Credits:** 3

### COMM 250 • Oral Communications

This course helps you develop the necessary confidence and skill to present your ideas clearly and effectively to both large and small audiences. The course is designed to provide a number of different speaking and listening opportunities so that you can practice the techniques necessary to become competent oral communicators in a wide variety of social and business settings. NOTE: Students cannot receive credit for both COMM 250 and SPCH 2001.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### COMM 252 • Advanced Business Communications

This course examines specific business communications products: memos, letters, resumes and employability skills and presentations. You will develop these products within a business employment context and gain an understanding of the organizational processes that govern internal and external communications strategies.

**Hours:** 56 hrs (4-0)

**Credits:** 3

### COMM 253 • Human Relations in the Workplace

Introductory course in interpersonal relations that focuses on specific skills, behaviours, and attitudes needed to work productively with others. By encouraging self-awareness, along with an understanding of communication dynamics, this course can help you develop the "people skills" needed to be successful in today's organizations.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## COMP (Computer Technology)

### COMP 0010 • Computers 10

This course follows the Alberta Education Curriculum for Computers 10. This course is delivered in partnership with Coulee Collegiate and Sunrise Collegiate. Students cannot receive credit for COMP 0010 and COMP 010.

**Hours:** 120.45 hrs (6.6-2T)

**Credits:** 4

### COMP 1103 • Introduction to Computers

This course provides a non-scientific introduction to the use of computers and their impact on society. Major topics in the field will be explored, ranging from the workings of computers and software, to the implications of the Internet. Students will develop a technical competency by applying foundational concepts from lecture in the

lab through the use of computers for word processing, spreadsheet analysis, database management and communications. This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College. NOTE: Students cannot receive credit for both MICO 191 and COMP 1103.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## CPSC (Computer Science)

### CPSC 151 • Data Modelling

Explore the conceptual, logical, and physical phases of data modeling. Find out where data modeling is applied in the system development process and how data elements relate to each other. Learn how to define data requirements using a logical data model. Participation in team projects and case simulations will provide opportunities to model sample data and produce normalized data results. Try out two approaches to building logical data models and learn how to validate a logical data model, using normalization.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### CPSC 203 • Introduction to Computers

An overview of computers and technology designed to examine in some detail the ever changing world of Information Technology, embedded computer technology and the impact of these technologies upon society. You learn what you will need to know about Information Technology to prosper in an increasingly technical world. You work with personal computers to gain advanced proficiency with word processing, spreadsheets, presentation software and Internet access software applications for increased productivity and security. NOTE: CPSC 203 is not available for credit for Engineering majors.

**Hours:** 84 hrs (3-3)

**Credits:** 4

### CPSC 231 • Introduction to Computer Science I

Introduction to problem solving, the analysis and design of small-scale computational systems, and implementation using a procedural programming language. NOTE: This course does not assume prior programming background but does assume a mathematical/scientific inclination.

**Hours:** 84 hrs (3-1T-2)

**Credits:** 4

### CPSC 233 • Introduction to Computer Science II

**Prerequisite:** CPSC 231 or permission of the Dean

Emphasis is on object-oriented analysis and design of small-scale computational systems and implementation using an object oriented language. Issues of design, modularization, and programming style will be emphasized.

**Hours:** 84 hrs (3-1T-2)

**Credits:** 4

## CYCC (Child and Youth Care Counsellor)

### CYCC 111 • The Profession of Child and Youth Care

Introduction to foundational principles of Child & Youth Care practice. Focus is on identifying and exploring values, beliefs, and ethics within a professional context. The scope of CYCC practice, including the essential characteristics of an effective Child & Youth Care Counsellor, will be addressed. Therapeutic relationships, professional conduct, effective communication, and self-awareness will be topics of discussion. NOTE: CYCC 111 is a prerequisite for all subsequent CYCC courses. This course has an off-site retreat component and the fee will be noted in the course outline.

**Hours:** 56 hrs (3-1)

**Credits:** 3

### CYCC 120 • Practicum I

**Prerequisites:** A minimum of a C grade in CYCC 111 & IDST 100  
**Corequisite:** CYCC 125

Student placement with community partners in conjunction with a weekly seminar is designed to facilitate individual self-awareness and the impact on one's professional Child & Youth Care practice. Focus is on professional practice, therapeutic communication, reflective practice and relationship development. Topics of discussion include the development of objective observation and recording skills as well as the development of the interpersonal skills necessary for an effective Child & Youth Care Counsellor.

**Hours:** 112 hrs (2-6P)

**Credits:** 4.5

### CYCC 122 • Working with Vulnerable Children, Youth and Families

**Prerequisite:** A minimum of a C grade in CYCC 111

Introduction to effective trauma informed interventions with children, youth and families who have experienced trauma, abuse and neglect. Detailed indicators of child abuse are presented and intervention approaches are explored through a lens of inter generational trauma, child, youth and family advocacy, and strategies that enhance Child & Youth Care Counsellor professional relationships with vulnerable children, youth and families.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### CYCC 125 • Fundamental Skills in Counselling

**Prerequisites:** A minimum of a C grade in CYCC 111 & IDST 100

Introduction to individual counselling with an emphasis on the acquisition and practical application of therapeutic communication. Characteristics and strategies of person-centered and strength based approaches are explored in assisting clients within a professional helping relationship. Experiential learning opportunities are provided, as counselling theory is integrated into practice. Reflection on the impact of ones' values, beliefs, and ethical standards will also be explored.

**Hours:** 56 hrs (1-3)

**Credits:** 3

### CYCC 230 • Practicum II

**Prerequisite:** A minimum of a C grade in CYCC 120

Student placement with community partners, in conjunction with a weekly seminar, is designed to facilitate the integration and application of theory within the context of a Child & Youth Care Counselling practice setting. Professional practice, communication, self, theoretical knowledge, and assessment and intervention will be examined. Additional Requirement: Prior to starting practicum students must receive certification in Applied Suicide Intervention Skills Training (ASIST). This course has an off-site retreat and the fee will be noted in the course outline.

**Hours:** 238 hrs (2-15P)

**Credits:** 6

### CYCC 232 • Mental Health and Substance Abuse Issues

**Prerequisite:** A minimum of a C grade in CYCC 111

Introduction to a variety of childhood and adolescent mental health topics that contextualize social, emotional and behavioral disorders in relation to the context or culture in which they are observed. Focus on the role of trauma, attachment, and resilience as a means for understanding behavior will be examined. Various drugs and substances seen in youth culture, alongside the comorbid existence of mental health disorders and drug abuse will be examined. Child & Youth Care Counsellor interventions that consider the transtheoretical model of change, harm reduction approaches, and looking beyond the symptoms to the strengths of the child, will also be explored.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### CYCC 233 • Legal and Cultural Issues Regarding Children and Youth

**Prerequisite:** A minimum of a C grade in CYCC 111

Various laws that affect children, youth and families in Alberta and Canada will be examined. These include the Youth Criminal Justice Act, The Child, Youth & Family Enhancement Act, Alberta School Act and Family Law Act. The context of these laws as they apply to the legal accountability and liabilities of the Child and Youth Care Counsellor in the human service field will be explored. Issues of socialization, conflict with the law, and advocacy for vulnerable children, youth and families are addressed within the various legal documents. Historical, ecological and environmental factors are also considered.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### CYCC 235 • Group Facilitation

**Prerequisite:** A minimum of a C grade in CYCC 125.

Planned interventions involving activity programming within a contextual framework will be explored. Emphasis will be placed on designing, facilitating, and processing experiential learning opportunities that are sensitive to cultural and human diversity. To enhance effective activity programming, and address group dynamics, an eclectic approach to counselling theory will also be discussed and implemented.

**Hours:** 42 hrs (3-0)

**Credits:** 3



# CYCC - DATA

## **CYCC 237 • Youth Care Practice with Families**

**Prerequisite:** A minimum of a C grade in CYCC 111

Introduction to family support that integrates cultural and human diversity understandings and sensitivities. Focus is on systems theory as a framework for understanding diverse family types, and the multifaceted issues facing families. An ecological perspective for assessing family need, dynamics, and patterns of interacting will also be emphasized. Child & Youth Care Counsellor strength based interventions for engaging families that nourishes family growth and resiliency will also be explored.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **CYCC 240 • Practicum III**

**Prerequisite:** A minimum of a C grade in CYCC 230

Student placement with community partners, in conjunction with a weekly seminar, is designed to deepen student integration and theory application within the context of a Child & Youth Care Counselling practice setting. Professional practice, communication, self, theoretical knowledge, and assessment and intervention, will be examined in theory and application. Throughout the term, student progression of theory, application, and practice will be supported. An emphasis on practice will occur, in preparation of the transition from student to practitioner.

**Hours:** 238 hrs (2-15P)

**Credits:** 6

## **CYCC 245 • Assessment and Intervention**

**Prerequisite:** A minimum of a C grade in CYCC 235

Assessment skills necessary to working professionally with children, youth and families are emphasized, including: asset based assessments; ecological perspective mapping; genogram development; developmental theory assessments; needs and risk assessments; intervention planning and implementation; case management and reporting. Integration of theory to practice, including applying change theory to an approved case occurs. Professional documentation, consistent with working effectively and respectfully with a diverse population, will be developed.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **DATA (Data Analytics)**

### **DATA 100 • Data Literacy**

This course provides the student with a broad overview of data literacy, including data management, analysis, visualization, and communicating with data, using real datasets and examples that are relevant to a variety of industries.

**Hours:** 42 (5.25-0) 8 wks

**Credits:** 3

### **DATA 155 • Applied Field Placement I**

**Corequisites:** DATA 100, MGMT 150

The initial field placement begins with a scoping call between the learner, their industry mentor, and Workforce Coach to scope employer needs, potential areas for applicability of the program content. The field placement is then focused on building content utility for their employer based on the first half of the course content.

**Hours:** 120 (0-40P) 3 wks

**Credits:** 3

### **DATA 175 • Applied Field Placement II**

**Corequisites:** DATA 100, MGMT 150

Students work with their industry mentor and Workforce Coach to build content utility for their employer based on the second half of the course content.

**Hours:** 120 hrs (0-40P) 3 wks

**Credits:** 3

### **DATA 180 • Data Visualization & Business Reporting**

In this course students will learn how data mining and visualization support is used to gain insights into large and complex data sets. Students will use tools such as Power BI or Tableau for creating histograms graphs plots and tree maps that could be used in creating dashboard and reports. In addition, students will learn how to present and communicate their findings in a way designed to engage leaders and facilitate data driven decision making.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### **DATA 185 • Applied Field Placement III**

**Corequisite:** DATA 180, MKTG 170

The field placement begins with a check in between the learner, their industry mentor, and Workforce Coach to revisit the original scope of employer needs and adjust as needed to ensure program content has applicability. The field placement is then focused on building content utility for their employer based on the first half of the course content.

**Hours:** 120 (0-40P) 3 wks

**Credits:** 3

### **DATA 195 • Applied Field Placement IV**

**Corequisites:** DATA 180, MKTG 170

In this capstone course students work with their industry mentor and Workforce Coach to continue building content utility for their employer, and reflectively summarize advancements that were made to transform the organization, and identify where future change could continue.

**Hours:** 120 (0-40P) 3 wks

**Credits:** 3

## **DBSS (Deaf and Blind Support Services)**

### **DBSS 161 • American Sign Language I**

**Prerequisite:** SLPA 160

This course builds on SLPA 160, by developing broader vocabulary and conversational skills. You continue with ASL sentence types, time, numbers, pronominalization, classifiers, pluralization, and temporal aspects. Even if you are outside the program, you are invited to take the course, subject to approval by the instructor.

**Hours:** 90 hrs (0-9) 10 wks

**Credits:** 4

## **DBSS 260 • American Sign Language II**

### **Prerequisite: DBSS 161**

A continuation of the DBSS 161 ASL course and builds upon previously learned ASL grammar and sentence structure, vocabulary, and Deaf culture. Even if you are outside the program, you are invited to take the course, subject to approval by the instructor.

**Hours:** 110 hrs (0-7.8)

**Credits:** 4

## **DCED (Dance Education)**

### **DCED 243 • Introduction to Dance in Culture and Education**

An overview of the nature and role of dance and dance forms in culture and education is the focus of this course.

**Hours:** 56 hrs (2-2)

**Credits:** 3

## **DRAM (Drama)**

### **DRAM 200 • Introduction to Acting I**

You gain practical experience in acting through introductory work from texts, developing skills and personal acting creativity through improvisation and performance.

**Hours:** 70 hrs (3-2)

**Credits:** 4

### **DRAM 201 • Introduction to Acting II**

#### **Prerequisite: DRAM 200 or permission of the Dean**

Continued study of acting techniques which promote freedom of emotional expression, relaxation on stage, giving and accepting constructive criticism, increasing trust between performers, controlling energy, and refining your acting process. Performance in a departmental production may be required.

**Hours:** 70 hrs (3-2)

**Credits:** 4

### **DRAM 222 • Fundamentals of Stage Production I**

This course offers technical and organizational aspects of stage production; creative approaches to design for the theatre leading to and including projects in design and construction; practical production assignments coordinated with community and college theatre productions, as applicable, are all part of what this course has to offer.

**Hours:** 56 hrs (2-2)

**Credits:** 3

### **DRAM 223 • Fundamentals of Stage Production II**

#### **Prerequisite: DRAM 222 or permission of the Dean**

You increase the scope of study to include technical areas of theatre production and apply the principles learned in DRAM 222 toward practical assignments connected to the department's productions.

**Hours:** 56 hrs (2-2)

**Credits:** 3

### **DRAM 240 • Introduction to Drama I**

Course in the interpretation and study of dramatic genres; and an introduction to play analysis.

**Hours:** 56 hrs (3-1)

**Credits:** 3

### **DRAM 241 • Introduction to Drama II**

**Prerequisite: DRAM 240 or ENGL 237 or permission of the Dean**  
Continued work in the interpretation and study of dramatic genres and play analysis.

**Hours:** 56 hrs (3-1)

**Credits:** 3

### **DRAM 300 • Advanced Acting I**

#### **Prerequisite: DRAM 201 or permission of the Dean**

Continued examination and further refining of the actor's emotional process. If this course is not offered in classroom format, it may be available as a directed study.

**Hours:** 70 hrs (3-2)

**Credits:** 4

### **DRAM 301 • Advanced Acting II**

#### **Prerequisite: DRAM 300 or permission of the Dean**

Advanced work in text preparation, vocal and physical performance skills. Participation in the department's season of plays may be required.

**Hours:** 70 hrs (3-2)

**Credits:** 4

### **DRAM 321 • Stage Management**

#### **Prerequisite: DRAM 223**

You learn the principles of stage management, as well as the roles and duties of a stage manager in all levels of production from amateur to professional. Projects are related to a production of the department. If this course is not offered in classroom format, it may be available as a directed study.

**Hours:** 56 hrs (2-2)

**Credits:** 3

### **DRAM 323 • Introduction to Stage Design**

#### **Prerequisite: DRAM 223 or permission of the Dean**

An extension of the principles learned in DRAM 223, this course focuses on practical approaches to translating ideas to the stage. Mediums of communication between the designer and director are explored. You assist a faculty director in projects related to a college production. If this course is not offered in classroom format, it may be available as a directed study.

**Hours:** 56 hrs (2-2)

**Credits:** 3

### **DRAM 339 • Seminar in Drama I**

#### **Prerequisite: DRAM 241**

This course is a critical examination of plays, including at least one staged by The University of Calgary Drama Department, centered upon their genres and historical settings. Other works by the same authors and their contemporaries may also be studied. This course also focuses on staging requirements for contemporary productions.

**Hours:** 56 hrs (4-0)

**Credits:** 3

# DRAM - ECON

## **DRAM 340 • Seminar in Drama II**

**Prerequisite:** DRAM 339 or permission of the Dean

Continuation of DRAM 339.

**Hours:** 56 hrs (4-0)

**Credits:** 3

## **DRAM 360 • Developmental Drama I**

An exploration in personal creativity; the study of the principles, theories, and application of developmental drama; as well as practical experience in creating drama. Registration priority is given to Education students.

**Hours:** 56 hrs (2-2)

**Credits:** 3

## **DRAM 361 • Developmental Drama II**

Focus of this course is on studying and applying the collective creation technique to embrace drama as a means of inter-disciplinary discourse. Registration priority is given to Education students.

**Hours:** 56 hrs (2-2)

**Credits:** 3

## **DRAM 390 • Performance Practicum I**

**Prerequisite:** DRAM 201 & DRAM 223 or permission of the Dean

You gain practical knowledge of performance through preparation of a role for production. Open to students wishing to further experience in either performance or technical areas. If this course is not offered in classroom format, it may be available as a directed study.

**Hours:** 84 hrs (0-6P)

**Credits:** 3

## **DRAM 391 • Performance Practicum II**

**Prerequisite:** DRAM 390 or permission of the Dean

Development, refining, and performance of a role in either the acting or technical areas of production under the supervision of a faculty member. If this course is not offered in classroom format, it may be available as a directed study.

**Hours:** 84 hrs (0-6P)

**Credits:** 3

## **DRAM 409 • Fundamentals of Directing I**

**Prerequisite:** DRAM 201 & DRAM 223 or permission of the Dean

You learn the theories and practical techniques of directing plays in consultation with a faculty member. You may be required to observe or assist faculty directors. Studies will be coordinated with productions of the department. If this course is not offered in classroom format, it may be available as a directed study.

**Hours:** 56 hrs (2-2)

**Credits:** 3

## **DRAM 410 • Fundamentals of Directing II**

**Prerequisite:** DRAM 409 or permission of the Dean

Coursework focuses on the application of directing technique to rehearsal with actors. If this course is not offered in classroom format, it may be available as a directed study.

**Hours:** 56 hrs (2-2)

**Credits:** 3

## **ECON (E-Commerce)**

### **ECON 220 • Web Development II**

**Prerequisite:** ITEC 190

Building on knowledge gained in Web Development I and Programming Fundamentals, this course examines concepts and application of server side Internet development. Topics include roles of client and server, web form fundamentals, web controls, dynamic content, state management, server side programming and database access.

**Hours:** 70 hrs (2-3)

**Credits:** 4

### **ECON 245 • Dynamic Web Application Development**

**Prerequisite:** ECON 220

This course extends your capabilities in developing dynamic Internet applications. Topics include acquisition and display of real time data, web services, additional database techniques, and consideration of various practical advancements of emerging web development methodologies. Reflecting the industry trend of using teamwork for development of complex applications, this course also involves project teamwork in the lab component.

**Hours:** 70 hrs (2-3)

**Credits:** 4

### **ECON 275 • Web Administration**

This course focuses on the systems administration of Web servers and sites. Topics include the installation, configuration, monitoring, maintenance and management of at least two variations of server environments (currently Microsoft Internet Information Services (IIS) and Linux Apache). Emphasis is on practical, hands on application and configuration.

**Hours:** 70 hrs (2-3)

**Credits:** 4

## **ECON (Economics)**

### **ECON 201 • Principles of Microeconomics**

Principles of consumption, production, exchange, market and firm equilibrium under different competitive conditions are introduced. These principles are applied to various contemporary problems and issues in the economy, such as property rights, foreign ownership and control, pollution, and poverty.

**Hours:** 56 hrs (4-0)

**Credits:** 3

### **ECON 203 • Principles of Macroeconomics**

This course features an introduction to national income determination, monetary and banking systems, and elementary fiscal and monetary policies. Contemporary problems of unemployment, inflation, economic growth, business cycles and the international economy are examined.

**Hours:** 56 hrs (4-0)

**Credits:** 3

## EDTS (Education Teaching Studies)

### EDTS 232 • Professional Dimensions of Teaching I

This introductory course offers the opportunity to explore what is involved in being a teacher within the context of a classroom and a school. Through an examination of the teaching-learning process with reference to psycho-social, philosophical, and political influences in contemporary society, you will explore the concept of personal worldview, its impact on teaching and learning and begin to construct an understanding of your own professional identity. You will participate in relevant field experiences within local schools. In order to ensure the safety of children in classrooms, local school jurisdictions require that student teachers submit a current Police Information Check with Vulnerable Sector Search as well as an Alberta Children's Services Intervention Record Check.

**Hours:** 84 hrs (3-1T-2P)

**Credits:** 4

### EDTS 234 • Professional Dimensions of Teaching II

**Prerequisite:** EDTS 232

This course investigates the evolution of schooling through historical and personal perspectives as well as possible future development and their impact on education. You will explore philosophical orientations to teaching, the structure of classrooms and schools, the purpose and function of curriculum, the role of the teacher in this context and begin the process of constructing your own philosophical statement of belief about learning and teaching. A key outcome of this course is the development of a professional teaching portfolio. Field experiences involving diverse school environments are a required component of this course. In order to ensure the safety of children in classrooms, local school jurisdictions require that student teachers submit a current Police Information Check with Vulnerable Sector Search as well as an Alberta Children's Services Intervention Record Check.

**Hours:** 84 hrs (3-1T-2P)

**Credits:** 4

### EDTS 321 • Education Psychology for Teaching

**Corequisites:** EDTS 232 or EDTS 234

This course focuses on the psychological, social, and educational determinants of child development. It includes theory, research, and illustrations all dealing with the classroom application of psychological principles and will involve you in interpersonal experiences with children. Topics typically covered relate to physical, cognitive, and socio-emotional development of children, student learning and instruction, individual and group differences in student abilities, and student motivation. NOTE: Registration priority given to first year Education students.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### EDTS 325 • Tools for Teaching and Learning in the Digital Classroom

**Prerequisites:** EDTS 232 & EDTS 234

This course provides an overview of technological influences in education. It is designed to assist prospective teachers in critically examining current and evolving applications of technology relevant to the teaching and learning process. NOTE: Registration priority given to second year Education students.

**Hours:** 70 hrs (2-3)

**Credits:** 4

### EDTS 341 • Interpersonal Communication in the School

**Prerequisites:** EDTS 232 & EDTS 234

This course is designed to develop effective interpersonal communication skills that will assist pre-service teachers as they interact with students in classroom settings and with colleagues in professional environments. The topics, readings, assignments and field experience have been constructed to develop the skills of self analysis, introduce techniques to improve communication with children, and explore ways in which adults can work more effectively in collaborative environments with colleagues and parents. This course includes weekly lectures and tutorials as well as an eighteen (18) hour field experience in a local elementary school classroom. In order to ensure the safety of children in classrooms, local school jurisdictions may require that student teachers submit a current Police Information Check with Vulnerable Sector Search and an Alberta Children's Services Intervention Record Check.

**Hours:** 46 hrs (1-1T-1.3P)

**Credits:** 3

### EDTS 371 • Language Development and Literacy in Schools

**Prerequisites:** EDTS 232 & EDTS 234

This course focuses on the development of language and the importance of literacy for individuals as well as within the classroom setting. Specific topics for discussion include culture and language, the relationship of language to thought, memory, learning, teaching methods, and intervention strategies designed to assist children. Students will also examine learning principles in order to gain a better understanding of how language development occurs as well as to determine best practice in teaching language and literacy in elementary school classrooms. This course requires all students to participate in 20 hours of relevant field experiences within a school setting. In order to ensure the safety of children in classrooms, local school jurisdictions require that student teachers submit a current Police Information Check with Vulnerable Sector Search and an Alberta Children's Services Intervention Record Check. NOTE: Registration priority is given to second year Education students who are planning the Mount Royal University Bachelor of Education partnership program.

**Hours:** 62 hrs (3-1.4P)

**Credits:** 4

# EDUC

## EDUC (Education)

### EDUC 2200 • Special Topics in Education

**Prerequisites:** Admission to MRU Bachelor of Education program at MHC

This course provides an examination of selected topics designed to explore critical or emerging approaches in Education. As a variable content course, the specific topic will be announced and advertised each semester it is offered. Students may not receive credit for this course more than once. *Third and Fourth years of the B. Ed. Program are Mt. Royal University courses. The numbering system is based upon their guidelines. Students register through Medicine Hat College, following cohort sequencing.*

**Hours:** 42 hours course (3-0)

**Credits:** 3

### EDUC 2375 • Effective Assessment - Measurement and Evaluation

**Prerequisites:** Admission to MRU Bachelor of Education program at MHC

This course is designed to assist students in developing an understanding of concepts and issues related to the differentiated assessment of learning. Participants will be required to develop competence in the construction of various instruments and processes used to measure and evaluate individual learner performance. This course also includes an 18-hour field experience that requires teaching and assessing learning experiences. *Third and Fourth years of the B.Ed. Program are Mt. Royal University courses. The numbering system is based upon their guidelines. Students register through Medicine Hat College, following cohort sequencing.*

**Hours:** 42 hrs (3-0)

**Credits:** 3

### EDUC 3010 • Practicum I

**Prerequisites:** Admission to MRU Bachelor of Education program at MHC

This practicum focuses on professional responsibilities, planning for learning, facilitating learning, assessment, and the classroom environment. Students will be directly involved in all aspects of teaching for 50% of the required time during their last three weeks of the practicum. *Third and Fourth years of the B.Ed. Program are Mt. Royal University courses. The numbering system is based upon their guidelines. Students register through Medicine Hat College, following cohort sequencing.* NOTE: Students registered in EDUC 3010 should be aware that the start date of their semester aligns with the start of the school year for local school districts to experience the start-up of schools and classrooms.

**Hours:** 175 hrs (0-35) 5 wks

**Credits:** 3

### EDUC 3103 • Program of Studies and Curriculum Instruction in Teaching English Language Arts

**Prerequisites:** Admission to MRU Bachelor of Education program at MHC

This course explores the knowledge and skills required to implement programs of studies in teaching English Language Arts in elementary schools. The course will address relevant instructional methodologies, unit planning, curriculum integration and resource development. Students will investigate a range of assessment strategies. *Third and Fourth years of the B.Ed. Program are Mt. Royal University courses. The numbering system is based upon their guidelines. Students register through Medicine Hat College, following cohort sequencing.*

**Hours:** 42 hrs (3-0)

**Credits:** 3

### EDUC 3104 • Arts Integration in Elementary Education

**Prerequisites:** Admission to MRU Bachelor of Education program at MHC

In this course, students will learn how to integrate the fine and performing arts into the elementary classroom. Students will examine current theories and practices in arts education, and will develop creative skills associated with each of the fine and performing arts. Drawing upon this knowledge, and within the context of the integrated semester, students will design and apply integrated learning experiences that enrich student learning. *Third and Fourth years of the B.Ed. Program are Mt. Royal University courses. The numbering system is based upon their guidelines. Students register through Medicine Hat College, following cohort sequencing.*

**Hours:** 42 hrs (3-0)

**Credits:** 3

### EDUC 3105 • Program of Studies and Curriculum Instruction in Teaching Physical Education

**Prerequisites:** Admission to MRU Bachelor of Education program at MHC

This course examines the fundamental knowledge, understanding, values, attitudes, skills, and processes required to implement an effective program of studies for teaching Physical Education in elementary schools. The course will address relevant instructional methodologies, unit planning, curriculum integration, and resource development. Students will investigate a range of assessment strategies. *Third and Fourth years of the B.Ed. Program are Mt. Royal University courses. The numbering system is based upon their guidelines. Students register through Medicine Hat College, following cohort sequencing.*

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **EDUC 3106 • Program of Studies and Curriculum Instruction in Teaching Science**

**Prerequisites:** Admission to MRU Bachelor of Education program at MHC

This course provides an introduction to the teaching and learning of Science in elementary schools. The course will focus on instruction, planning and facilitating learning experiences, integrating curriculum, creating and utilizing resources and developing assessment strategies to meet students' needs. *Third and Fourth years of the B.Ed. Program are Mt. Royal University courses. The numbering system is based upon their guidelines. Students register through Medicine Hat College, following cohort sequencing.*

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **EDUC 3108 • Program of Studies and Curriculum Instruction in Teaching Mathematics**

**Prerequisites:** Admission to MRU Bachelor of Education program at MHC

This course explores knowledge and skills required to implement programs of studies in teaching Mathematics in Elementary schools. The course will address a range of approaches to develop instruction, plan units of study, integrate curriculum, develop resources and assessment strategies to meet students' needs. *Third and Fourth years of the B.Ed. Program are Mt. Royal University courses. The numbering system is based upon their guidelines. Students register through Medicine Hat College, following cohort sequencing.*

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **EDUC 4030 • Practicum II**

**Prerequisites:** EDUC 2200 & EDUC 2375 & EDUC 3010 & EDUC 3103 & EDUC 3104 & EDUC 3105 & EDUC 3106 & EDUC 3108 & EDUC 4107 & EDUC 4325 & EDUC 4351

**Corequisites:** EDUC 4201 & EDUC 4361

Semester long practicum with concurrent course integration. This practicum focuses on professional responsibilities, planning for learning, facilitating learning, assessment, and the classroom environment. Students are required to participate in a weekly seminar. Students are expected to be directly involved in all aspects of teaching progressing from 50% and achieving 100% for at least five weeks of the practicum. *Third and Fourth years of the B.Ed. Program are Mt. Royal University courses. The numbering system is based upon their guidelines. Students register through Medicine Hat College, following cohort sequencing. Note: Students registered in EDUC 4030 should be aware that the start date of their semester can begin as early as January 2nd. In addition, students are required to be available until the end of April in order to complete all practicum and course requirements.*

**Hours:** 420 hrs (0-35) 12 wks

**Credits:** 9

## **EDUC 4107 • Program of Studies and Curriculum Instruction in Teaching Social Studies**

**Prerequisites:** Admission to MRU Bachelor of Education program at MHC

This course explores the knowledge and skills required to implement programs of studies in teaching Social Studies in Elementary (1-6) Education. The course will address a range of approaches to develop instruction, plan units of study, integrate curriculum, develop resources and assessment strategies to meet students' needs. *Third and Fourth years of the B.Ed. Program are Mt. Royal University courses. The numbering system is based upon their guidelines. Students register through Medicine Hat College, following cohort sequencing.*

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **EDUC 4201 • Integrating Ideas, Values and Praxis**

**Prerequisites:** Admission to MRU Bachelor of Education program at MHC

In this capstone course, participants will critically reflect upon significant issues and experiences gleaned from their education, general education, schooling and elective courses, field experiences and practica. The major focus will be upon the development of a professional teaching e-portfolio and an action research project. *Third and Fourth years of the B.Ed. Program are Mt. Royal University courses. The numbering system is based upon their guidelines. Students register through Medicine Hat College, following cohort sequencing.*

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **EDUC 4325 • The Impact of Social Issues in Education and Schooling**

**Prerequisites:** Admission to MRU Bachelor of Education program at MHC

This course examines factors such as the economy, the state, social class, gender, ethnicity, sub-cultural membership, ideology, religion, and the home environment, and their relationship to and impact on learning in general and schooling in particular. *Third and Fourth years of the B.Ed. Program are Mt. Royal University courses. The numbering system is based upon their guidelines. Students register through Medicine Hat College, following cohort sequencing.*

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **EDUC 4351 • Indigenous Perspectives in Education**

**Prerequisites:** Admission to MRU Bachelor of Education program at MHC

This course is designed to prepare prospective teachers to engage with Indigenous perspectives, as well as ways of knowing and being. The course relates to the teaching and learning contexts. The course will include an in-depth examination of decolonization, indigenization, and reconciliation. *Third and Fourth years of the B.Ed. Program are Mt. Royal University courses. The numbering system is based upon their guidelines. Students register through Medicine Hat College, following cohort sequencing.*

**Hours:** 42 hrs (3-0)

**Credits:** 3

# EDUC - ELCC

## **EDUC 4361 • Exceptional Students, Special Needs, and Inclusive Schooling**

**Prerequisites:** Admission to MRU Bachelor of Education program at MHC

This course examines characteristics of students exhibiting a range of mild, moderate, and severe disabilities and students exhibiting exceptional gifts and talents. Diverse educational, cultural, and linguistic backgrounds will be discussed. The course also examines methods that can be used in adapting classroom instruction and management of the diverse needs. *Third and Fourth years of the B.Ed. Program are Mt. Royal University courses. The numbering system is based upon their guidelines. Students register through Medicine Hat College, following cohort sequencing.*

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **ELCC (Early Learning and Child Care)**

### **ELCC 101 • Introduction to Early Learning and Child Care**

Course focuses on developing understanding of the goals and philosophies for play-oriented, child-centered early childhood care, and education for children up to age eight. Roles of the early childhood professional are studied with particular emphasis on the experience of caring for other people's children.

**Hours:** 30 hrs (3-0) 10 wks

**Credits:** 1.5

### **ELCC 102 • Development through Play I**

You will explore the nature and development of play in the lives of young children, and learn to prepare and provide meaningful play experiences for children to enhance their growth and development. The course incorporates considerations of the space, time, materials, and involvement of the adult and their impact on the play of young children.

**Hours:** 40 hrs (4-0) 10 wks

**Credits:** 3

### **ELCC 105 • Practicum I**

**Prerequisites:** (CHPC 120 or ELCC 120) & (CHPC 122 or ELCC 122) & (CHPC 123 or ELCC 123) & ELCC 102 & ENGL 123

You will be placed in an early learning and child care setting for observation and for practical application of ideas and theories learned in theory classes. The primary emphasis of this practicum is on 1) positive interactions with children, their parents, and other early childhood professionals; and 2) providing and extending play opportunities for children to enhance their growth and development.

**Hours:** 150 hrs (2-28P) 5 wks

**Credits:** 4

### **ELCC 112 • Development through Play II**

**Prerequisite:** ELCC 102

This course is an extension of ELCC 102. You have the opportunity to further your understanding of children's play, increase your sensitivity to the learning and development that occurs through this medium, and increase your skills as a provider of play experiences and as a participant with children in their play.

**Hours:** 40 hrs (4-0) 10 wks

**Credits:** 3

### **ELCC 113 • Music and Movement**

This course introduces you to the importance of music for young children. It includes learning songs and rhymes and making simple instruments for use with children.

**Hours:** 40 hrs (4-0) 10 wks

**Credits:** 3

### **ELCC 115 • Practicum II**

**Prerequisites:** (CHPC 121 or ELCC 121) & (CHPC 124 or ELCC 124) & ELCC 101 & ELCC 112 & ELCC 113

This practicum is divided into two distinct experiences. The first requires you to spend 30 hours working in volunteer capacities in the community in settings other than child care or early learning and child care education settings, in which young children and families are involved. These settings may include recreation facilities, children's libraries, Cubs, Scouts, Brownies, and so on. The intent of this experience is to broaden your awareness of the community services available to young children and families. The second aspect of this practicum continues on from ELCC 105. You are placed in preschool care and education settings and are provided with opportunities to integrate class knowledge in a practical application with young children.

**Hours:** 200 hrs (0-2P) 14 wks; (2-32.4P) 5 wks

**Credits:** 5.5

### **ELCC 120 • Child Development I**

This course presents information regarding the principles, theories, and research findings that contribute to our understanding of normative development in children from birth to early adolescence. It introduces you to information related to all aspects of the "whole" child - language, cognition, emotion, social, physical, moral and creative.

**Hours:** 40 hrs (4-0) 10 wks

**Credits:** 3

### **ELCC 121 • Child Development II: An Introduction to Children with Developmental Delays**

You are introduced to child development that may not follow normative patterns. Major areas of disability are reviewed and you have opportunities to learn about the characteristics of these disabilities, and to consider the developmental implications for children. An introduction to strategies that assist in the inclusion of children with disabilities is included.

**Hours:** 40 hrs (4-0) 10 wks

**Credits:** 3

### **ELCC 122 • Interpersonal Relations I**

This course assists you in developing effective interpersonal communication skills, and has three foci: 1) self analysis and reflection - providing opportunities to better understand yourself, your values, beliefs, attitudes, and style of communication, 2) techniques and skills that may enable you to improve your communications with children - active listening, paraphrasing and the use of non-verbal communication; and 3) techniques that enable you to work effectively in team situations.

**Hours:** 40 hrs (4-0) 10 wks

**Credits:** 3

**ELCC 123 • Health, Safety and Nutrition**

Information in this course provides a foundation for developing good health and safety practices for self and others (especially young children). An examination of health and safety factors in the child's environment are included.

**Hours:** 30 hrs (3-0) 10 wks; (3-0) 1 wk

**Credits:** 1.5

**ELCC 124 • Language and Literacy**

An overview of children's literature and a discussion of not only how this literature can be presented to young children but also how children can be active participants in language activities.

**Hours:** 40 hrs (4-0) 10 wks

**Credits:** 3

**ELCC 201 • Fine Arts**

**Prerequisites:** ELCC 105 & ELCC 115

This course provides opportunities for you to increase your ability to provide developmentally appropriate experiences for children in the arts. Theoretical and practical applications in the areas of visual expressive arts, music and drama will be presented.

**Hours:** 40 hrs (4-0) 10 wks

**Credits:** 3

**ELCC 202 • Math and Science**

**Prerequisites:** ELCC 105 & ELCC 115

Experiences in math and science occur naturally for young children. This course is experiential as you are helped to understand the development of science and math concepts in young children and to consider ways in which you may assist that development.

**Hours:** 40 hrs (4-0) 10 wks

**Credits:** 3

**ELCC 203 • Interpersonal Relations II**

**Prerequisites:** ELCC 105 & ELCC 115

This course is designed to help you develop skills in initiating, developing and maintaining effective and fulfilling interactions as professionals in the field of early childhood. Emphasis is placed on team skills and collaborative skills needed to work with parents and other professionals.

**Hours:** 40 hrs (4-0) 10 wks

**Credits:** 3

**ELCC 204 • Ecology of the Family**

**Prerequisites:** ELCC 105 & ELCC 115

This course is centered on the role of early childhood professional personnel in the lives of Canadian children and families. It includes an overview of the family in today's society and of the many issues that affect the family. The course includes reference to poverty, affluence, violence, the roles of men and women as parents and as members of the labour force, and the relationship of the family to their world of work.

**Hours:** 40 hrs (4-0) 10 wks

**Credits:** 3

**ELCC 205 • Practicum III**

**Prerequisites:** ELCC 201, ELCC 203, ELCC 204 & ELCC 206

The focus of this practicum is a continuation of the experiences necessary to take increasing responsibility for the care and education of young children. It includes understanding administrative responsibilities, community and parent involvement, and staff relations. The importance of emergent curriculum development is explored in detail.

**Hours:** 150 hrs (2-28P) 5 wks

**Credits:** 4

**ELCC 206 • Outdoor Pedagogy in Early Learning**

**Prerequisites:** ELCC 105 & ELCC 115

An exploration of outdoor and nature play in the early years is the focus of this course. Instructors and students will learn collaboratively in outdoor settings across the seasons. This is a hands-on course with experiences within and beyond the classroom boundaries allowing students to increase their awareness of how to learn in and with nature. Historical and philosophical foundations, research and practice, and the relationship of outdoor and nature play to children's holistic development, health and wellness, learning and thinking are included. Diverse approaches such as Reggio-inspired learning, Indigenous and land-based education, and the four-season perspective are studied through an action-based approach to teaching and learning.

**Hours:** 40 hrs (4-0) 10 wks

**Credits:** 3

**ELCC 211 • Infant and Toddler Care**

**Prerequisites:** ELCC 105 & ELCC 115

The focus of this course is on the practical implementation and application of developmentally appropriate practice with infants and toddlers. The course integrates knowledge of development in all areas - social, physical, cognitive, and emotional - with ideas for providing experiences that are both appropriate and worthwhile.

**Hours:** 40 hrs (4-0) 10 wks

**Credits:** 3

**ELCC 212 • Professional Practice**

**Prerequisites:** ELCC 105 & ELCC 115

A study in the historical, philosophical, social and political context of child care in Canada today. Contemporary models and theories that have influenced early childhood programs are examined. Codes of ethics, the roles of professional associations, and the role of research are also included in this course.

**Hours:** 40 hrs (4-0) 10 wks

**Credits:** 3

**ELCC 213 • Inclusive Care and Education**

**Prerequisites:** ELCC 105 & ELCC 115

This course is designed to look specifically at the strategies and approaches that are fundamental to the inclusion of all children, regardless of abilities and social or cultural backgrounds. You will explore various approaches to planning to ensure that these approaches are inclusive, and you will examine your attitudes and beliefs in these areas.

**Hours:** 40 hrs (4-0) 10 wks

**Credits:** 3

**ELCC 215 • Practicum IV**

**Prerequisites:** ELCC 202, ELCC 211, ELCC 212, & ELCC 213

This practicum is divided into two sections. Section One requires you to spend 30 hours working in a volunteer capacity in community settings with children and families other than early childhood care and



# ENGL

education settings. Section Two requires you to work in community placements that serve children and families. You have the opportunity to integrate theory and practice in the development of your skills. The focus is on the full integration of play into children's programs, program preparation and implementation, and building relationships with families and with other professionals in the community.

**Hours:** 200 hrs (0-2P) 14 wks; (2-32.4P) 5 wks

**Credits:** 5.5

## ENGL (English)

### ENGL 123 • Fundamentals of Writing and Speech

Topics for this course include grammar and punctuation, informal reports, business writing formats, proposals, library skills, and oral presentations.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### ENGL 125 • Introductory Report Writing and Speech

Topics for this course include informal reports, formal technical reports, resumes and cover letters, and prepared speeches.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### ENGL 155 • Scientific and Technical Writing

In this course, students will develop research skills, and become familiar with scientific and technical journals, indexes, and technical reports, summaries, descriptive/informative abstracts, business letters, memos, and a mailable resume and cover letter. Students will also review the language fundamentals of grammar and punctuation.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### ENGL 202 • The Art of Story: An Introduction to Literature

This course explores the narrative structures of poetry, drama, and prose literary works, with an emphasis on developing skills in close reading and critical writing. Students will examine a range of eras and cultures, covering at least one significant text by an Indigenous author. NOTE: Students cannot receive credit for both ENGL 202 and ENGL 1151.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### ENGL 203 • Identity and Invention: An Introduction to Literature

This course explores questions of individual, social, and cultural identity in poetry, drama, and prose literary works, with an emphasis on developing skills in close reading and critical writing. Students will examine a range of eras and cultures, covering at least one significant text by an Indigenous author. NOTE: Students cannot receive credit for both ENGL 203 and ENGL 1152.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### ENGL 231 • The Novel and the Short Story

This course provides an introduction to fiction in both the short story and novel forms. Instruction in critical writing is part of this course.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### ENGL 235 • Introduction to Poetry

This course studies selected poetry written in English. Instruction in critical writing is part of this course.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### ENGL 237 • Introduction to Dramatic Literature

This course examines the development of Western drama from various periods. Instruction in critical writing is part of this course.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### ENGL 252 • Introductory Composition

This course develops students' skills in the types of writing, reading, and thinking required in university today. Students will review basics, analyze contemporary examples, develop research and referencing skills, and design their writing for specific audiences. Introductory Composition provides an opportunity to develop new talents and gain confidence in expressing ideas. NOTE: Students cannot receive credit for both GNED 1401 and ENGL 252.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### ENGL 300 • Survey of English Literature I

**Prerequisite:** Any 2 200-level English courses, 202 or 203 is highly recommended

This course examines English literature from the Middle Ages, the sixteenth century, the early seventeenth century, the Restoration and the eighteenth century. The development and continuity of English literature in relation to historical and social contexts are also studied. NOTE: You cannot receive credit for both ENGL 200 and ENGL 300. Students cannot receive credit for both ENGL 300 and ENGL 2210.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### ENGL 301 • Survey of English Literature II

**Prerequisite:** Any 2 200-level English courses, 202 or 203 is highly recommended

This course examines English literature from the Romantic and Victorian periods, as well as from the twentieth century to the present. The development and continuity of English literature in relation to historical and social contexts are also studied. NOTE: You cannot receive credit for both ENGL 201 and ENGL 301. Students cannot receive credit for both ENGL 301 and ENGL 2211.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### ENGL 308 • The Novel from 1900 to Now

**Prerequisite:** Any 2 200-level English courses, 202 or 203 is highly recommended

While we read works of literature as fiction, we also see it as mediating and reflecting certain truths about our lived experience. This course explores, through the lens of 20th century literary criticism and theory, the relationship between the novel and its borders, or texts and their contexts. Each novel will be considered in light of its mediation of socio-political and cultural concerns; this includes themes such as literature and philosophy, literature and science, and literature and identity. NOTE: Students cannot receive credit for both ENGL 308 and ENGL 3308.

**Hours:** 42 hrs (3-0)

**Credits:** 3

**ENGL 309 • Theatre & Performance from 1900 to Now****Prerequisite:** Any 2 200-level English courses, 202 or 203 is highly recommended

This course examines the extent to which “all the world’s a stage.” Theatre and performance texts and theories will be used to illuminate key issues and ideas in contemporary culture, such as ritual, realism, the absurd, the society of spectacle, subjectivity, and identity. NOTE: Students cannot receive credit for both ENGL 309 and ENGL 3309.

**Hours:** 42 hrs (3-0)**Credits:** 3**ENGL 311 • Modern & Postmodern Poetry and Poetics****Prerequisite:** Any 2 200-level English courses, 202 or 203 is highly recommended

This course examines the diverse ways in which the English language has been used in twentieth and twenty-first century poetry. The course begins with the challenges to traditional poetry evident in the early 1900s, then highlights the effects of key literary theories on the poetry of the mid to late twentieth century, before turning to the multiple ways in which both spoken word and digital media have affected twenty-first century poetic practices. NOTE: Students cannot receive credit for both ENGL 311 and ENGL 3311.

**Hours:** 42 hrs (3-0)**Credits:** 3**ENGL 312 • Shakespeare: The Earlier Plays****Prerequisite:** Any 2 200-level English courses, 202 or 203 is highly recommended

This course examines a selection of Shakespeare’s works from the early years of his career, or the Elizabethan era. It surveys his comedies, tragedies, and histories. Topics covered may include performance, adaptation, source material, publication, editing, cultural studies, and/or politics. NOTE: Students cannot receive credit for both ENGL 312 and ENGL 3312.

**Hours:** 42 hrs (3-0)**Credits:** 3**ENGL 313 • Shakespeare: The Later Plays****Prerequisite:** Any 2 200-level English courses, 202 or 203 is highly recommended

This course examines a selection of Shakespeare’s works from the final years of Elizabeth’s reign as well as from the Jacobean era. It surveys his tragedies, romances, and problem plays. Topics covered may include performance, adaptation, source material, publication, editing, cultural studies, and/or politics. NOTE: Students cannot receive credit for both ENGL 313 and ENGL 3313.

**Hours:** 42 hrs (3-0)**Credits:** 3**ENGL 317 • Women’s Literary Tradition****Prerequisite:** Any 2 200-level English courses, 202 or 203 is highly recommended

This course surveys the tradition of women’s writing from its beginnings to the present. Relations between gender and genre and between sexuality and textuality, as well as configurations of race, form the core themes of the course.

**Hours:** 42 hrs (3-0)**Credits:** 3**ENGL 320 • The History of English****Prerequisite:** Any 2 200-level English courses, 202 or 203 is highly recommended

This course offers an introduction to important changes and states in the history of English.

**Hours:** 42 hrs (3-0)**Credits:** 3**ENGL 340 • Romantic Literature I****Prerequisite:** Any 2 200-level English courses, 202 or 203 is highly recommended

This course introduces the literature of the Romantic period through studying select works by major authors from the early Romantic period.

**Hours:** 42 hrs (3-0)**Credits:** 3**ENGL 341 • Romantic Literature II****Prerequisite:** Any 2 200-level English courses, 202 or 203 is highly recommended

This course explores the literature of the Romantic period through studying select works by major authors from the late Romantic period.

**Hours:** 42 hrs (3-0)**Credits:** 3**ENGL 342 • Elizabethan and Jacobean Literature****Prerequisite:** Any 2 200-level English courses, 202 or 203 is highly recommended

This course studies literature in the historical and social contexts of the late Elizabethan and early Stuart periods. Readings may include texts by Dekker, Donne, Herbert, Jonson, Lanyer, Middleton, Wroth, and Herrick. Students will explore the literary history of the seventeenth century from a variety of social and political perspectives—including but not limited to race, gender, sexuality, and class—in overlapping and intersectional ways. NOTE: Students cannot receive credit for both ENGL 342 and ENGL 3342.

**Hours:** 42 hrs (3-0)**Credits:** 3**ENGL 343 • Seventeenth-Century Literature****Prerequisite:** Any 2 200-level English courses, 202 or 203 is highly recommended

This course studies literature in the historical and social contexts of the Stuart period until the Restoration. Readings may include texts by Vaughan, Crashaw, Bradstreet, Philips, Marvell, and Milton. Students will explore the literary history of the seventeenth century from a variety of social and political perspectives—including but not limited to race, gender, sexuality, and class—in overlapping and intersectional ways. NOTE: Students cannot receive credit for both ENGL 343 and ENGL 3343.

**Hours:** 42 hrs (3-0)**Credits:** 3

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## **ENGL 353 • North American Indigenous Literature**

**Prerequisite:** Any 2 200-level English courses, 202 or 203 is highly recommended

This course will critically engage the literary works of Indigenous peoples through various genres and will be framed by cultural, historical, social, theoretical, and political contexts. The focus will vary and may include: Indigenous knowledge, Nation/Identity formation, the numbered Treaties, the role of women, humour, orality and language, stereotyping and racism. NOTE: Students cannot receive credit for both ENGL 353 and ENGL 3353.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **ENGL 358 • British Fiction I**

**Prerequisite:** Any 2 200-level English courses, 202 or 203 is highly recommended

This course examines the artistic techniques and historical development of British fiction from the eighteenth century to the late nineteenth century through studying a representative selection of major authors and texts.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **ENGL 359 • British Fiction II**

**Prerequisite:** Any 2 200-level English courses, 202 or 203 is highly recommended

This course examines the artistic technique and historical development of British fiction from the late nineteenth century to the present, through studying a representative selection of major authors and texts including those of contemporary writers.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **ENGL 360 • American Literature I**

**Prerequisite:** Any 2 200-level English courses, 202 or 203 is highly recommended

This course analyzes American literature from its beginnings to 1890. A key focus is on the development and continuity of early American literature in relation to historical and social contexts.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **ENGL 361 • American Literature II**

**Prerequisite:** Any 2 200-level English courses, 202 or 203 is highly recommended

This course studies American literature from 1890 to the present. A key focus is on the development and continuity of twentieth and twenty-first century American literature in relation to historical and social contexts.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **ENGL 370 • Survey of Canadian Literature I**

**Prerequisite:** Any 2 200-level English courses, 202 or 203 is highly recommended

This course centres on Canadian literature from the late eighteenth to

the mid-twentieth century. Representative selections from Canadian poets and prose writers are studied.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **ENGL 371 • Survey of Canadian Literature II**

**Prerequisite:** Any 2 200-level English courses, 202 or 203 is highly recommended

This course studies English Canadian literature from the mid-twentieth century to the present including analysis of the development of Modernism and Postmodernism.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **ENGL 382 • Textualities/Sexualities**

**Prerequisite:** Any 2 200-level English courses, 202 or 203 is highly recommended

This course examines literary textuality as a sexually infused construct in both form and content. Gendered literary genres, archetypes and stereotypes, and theoretical approaches to the sexualized body (historical and contemporary) form the basis for the course. NOTE: Students cannot receive credit for both ENGL 382 and ENGL 3382.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **ENGL 394 • The Graphic Novel**

**Prerequisites:** Any 2 200-level English courses, 202 or 203 is highly recommended

The graphic novel has recently emerged as a unique storytelling medium. This course focuses on both the theoretical bases of sequential art and the graphic novel's literary and aesthetic properties. Students will draw on a variety of modern and postmodern theories of texts to analyze specific graphic novels. NOTE: Students cannot receive credit for both ENGL 394 and ENGL 3394.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **ENGL 397 • Children's Literature I**

**Prerequisites:** Any 2 200-level English courses, 202 or 203 is highly recommended

This course investigates the history and development of children's fantasy from its origins in the oral tradition to its current achievements. Situating such work within its literary and cultural context, this course explores changing attitudes toward childhood and adolescence while also examining the debt that contemporary juvenile fantasy owes to classic folklore and fairy tales. The course will cover, in whole or in part, children's literature written by Indigenous authors. NOTE: Students cannot receive credit for both ENGL 397 and ENGL 2298.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **ENGL 398 • Children's Literature II**

**Prerequisites:** Any 2 200-level English courses, 202 or 203 is highly recommended

This course examines the relationship between the real and the imagined in works for children and adolescents. Focusing on classic and contemporary material that asks readers to think about who they are and what kind of world they inhabit, this course explores the literary, social, and educational values that inform the construction of juvenile realities. The course will cover, in whole or in part, children's literature written by Indigenous authors. NOTE: Students cannot receive credit for both ENGL 398 and ENGL 2299.

**Hours:** 42 hrs (3-0)

**Credits:** 3

**ENGL 399 • Detective Fiction**

**Prerequisites:** Any 2 200-level English courses, 202 or 203 is highly recommended

This course studies the evolution of British, American and Canadian detective fiction. Theoretical approaches to understanding this genre of literature within the framework of popular culture are also included.

**Hours:** 42 hrs (3-0)

**Credits:** 3

**ENGL 1151 • The Art of Story: An Introduction to Literature**

This course introduces the principles and practices of literary analysis by examining the narrative features of selected works of prose, poetry, or drama. Students will apply close reading techniques to a range of narratives in order to develop foundational skills in writing and thinking about literature critically. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.* NOTE: Students cannot receive credit for both ENGL 1151 and ENGL 202.

**Hours:** 42 hrs (3-0)

**Credits:** 3

**ENGL 1152 • Identity and Invention: An Introduction to Literature**

This course introduces the principles and practices of literary analysis by examining features of self-invention and first-person identity in selected works of prose, poetry, and drama. Students will apply close reading techniques to the imaginatively-constructed "I" in order to develop foundational skills in writing and thinking about literature critically. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.* NOTE: Students cannot receive credit for both ENGL 1152 and ENGL 203.

**Hours:** 42 hrs (3-0)

**Credits:** 3

**ENGL 2210 • English Literature to the Restoration**

**Prerequisites:** Any two 200-level English courses; 202 or 203 is highly recommended or for those in the MRU Education program any one 1000-level English course and GNED 1401 is also acceptable.

This course surveys English literature from its earliest beginnings to the Restoration (1660), with an emphasis on major authors. Students will read a variety of genres closely and critically, and will examine how these texts relate to their socio-political, religious and cultural environments. Students will be introduced to literary research. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.* NOTE: Students cannot receive credit for both ENGL 2210 and ENGL 300.

**Hours:** 42 hrs (3-0)

**Credits:** 3

**ENGL 2211 • English Literature from the Restoration to the Present**

**Prerequisites:** Any two 200-level English courses; 202 or 203 is highly recommended or for those in the MRU Education program any one 1000-level English course and GNED 1401 is also acceptable

This course surveys English literature from the Restoration (1660) to the present. Students will read a variety of texts closely and critically within various cultural contexts. Students will be introduced to literary research. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.* NOTE: Students cannot receive credit for both ENGL 2211 and ENGL 301.

**Hours:** 42 hrs (3-0)

**Credits:** 3

**ENGL 2298 • Children's Literature to 1900**

**Prerequisites:** Any two 200-level English courses; 202 or 203 is highly recommended or for those in the MRU Education program any one 1000-level English course and GNED 1401 is also acceptable

This course investigates the history and development of children's fantasy from its origins in the oral tradition to its current achievements. Situating such work within its literary and cultural context, this course explores changing attitudes toward childhood and adolescence while also examining the debt that contemporary juvenile fantasy owes to classic folklore and fairy tales. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.* NOTE: Students cannot receive credit for both ENGL 2298 and ENGL 397.

**Hours:** 42 hrs (3-0)

**Credits:** 3

**ENGL 2299 • Children's Literature: Imagining the Real**

**Prerequisites:** Any two 200-level English courses; 202 or 203 is highly recommended or for those in the MRU Education program any one 1000-level English course and GNED 1401 is also acceptable

This course examines the relationship between the real and the imagined in works for children and adolescents. Focusing on classic and contemporary material that asks readers to think about who they are and what kind of world they inhabit, this course explores the literary, social, and educational values that inform the construction of juvenile realities. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.* NOTE: Students cannot receive credit for both ENGL 2299 and ENGL 398.

**Hours:** 42 hrs (3-0)

**Credits:** 3

**ENGL 3308 • The Novel from 1900 to Now**

**Prerequisites:** Any two 200-level English courses; 202 or 203 is highly recommended or for those in the MRU Education program any one 1000-level English course and GNED 1401 is also acceptable

Using critical theory to interrogate contemporary practice, this course examines the development of prose fiction from the beginning of the twentieth century to the present day. In particular, it considers how the novel, as both a literary and cultural form, mediates the aesthetic, intellectual, social, and political concerns of the twentieth

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and twenty-first centuries. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.* NOTE: Students cannot receive credit for both ENGL 3308 and ENGL 308.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **ENGL 3309 • Theatre and Performance from 1900 to Now**

**Prerequisites:** Any two 200-level English courses; 202 or 203 is highly recommended or for those in the MRU Education program any one 1000-level English course and GNED 1401 is also acceptable

This course examines the extent to which “all the world’s a stage.” Theatre and performance texts and theories will be used to illuminate key issues and ideas in contemporary culture such as ritual, realism, the absurd, the society of spectacle, subjectivity, and identity. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.* NOTE: Students cannot receive credit for both ENGL 3309 and ENGL 309.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **ENGL 3312 • Shakespeare: The Earlier Plays**

**Prerequisites:** Any two 200-level English courses; 202 or 203 is highly recommended or for those in the MRU Education program any one 1000-level English course and GNED 1401 is also acceptable

This course examines a selection of Shakespeare’s works from the early years of his career, or the Elizabethan era. It surveys his comedies, tragedies, and histories. Topics covered may include performance, adaptation, source material, publication, editing, cultural studies, and/or politics. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.* NOTE: Students cannot receive credit for both ENGL 3312 and ENGL 312.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **ENGL 3313 • Shakespeare: The Later Plays**

**Prerequisites:** Any two 200-level English courses; 202 or 203 is highly recommended or for those in the MRU Education program any one 1000-level English course and GNED 1401 is also acceptable

This course examines a selection of Shakespeare’s works from the final years of Elizabeth’s reign as well as from the Jacobean era. It surveys his tragedies, romances, and problem plays. Topics covered may include performance, adaptation, source material, publication, editing, cultural studies, and/or politics. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.* NOTE: Students cannot receive credit for both ENGL 3313 and ENGL 313.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **ENGL 3342 • Early Seventeenth-Century Literature**

**Prerequisites:** Any two 200-level English courses; 202 or 203 is highly recommended or for those in the MRU Education program any one 1000-level English course and GNED 1401 is also acceptable

This course studies literature in the historical and social contexts of the late Elizabethan and early Stuart periods. Readings may include texts by Donne, Herbert, Jonson, Lanyer, Wroth, and Herrick. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.* NOTE: Students cannot receive credit for both ENGL 3342 and ENGL 342.

**Hours:** 42 (3-0)

**Credits:** 3

## **ENGL 3343 • Later Seventeenth-Century Literature**

**Prerequisites:** Any two 200-level English courses; 202 or 203 is highly recommended or for those in the MRU Education program any one 1000-level English course and GNED 1401 is also acceptable

This course studies literature in the historical and social contexts of the Stuart period until the Restoration. Readings may include texts by Vaughan, Crashaw, Bradstreet, Philips, Marvell, and Milton. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.* NOTE: Students cannot receive credit for both ENGL 3343 and ENGL 343.

**Hours:** 42 (3-0)

**Credits:** 3

## **ENGL 3353 • North American Indigenous Literatures**

**Prerequisites:** Any two 200-level English courses; 202 or 203 is highly recommended or for those in the MRU Education program any one 1000-level English course and GNED 1401 is also acceptable

This course will critically engage the literary works of Indigenous peoples through various genres and will be framed by cultural, historical, social, theoretical, and political contexts. The focus will vary and may include: Indigenous knowledge, Nation/Identity formation, the numbered Treaties, the role of women, humour, orality and language, stereotyping and racism. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.* NOTE: Students cannot receive credit for both ENGL 3353 and ENGL 353.

**Hours:** 42 (3-0)

**Credits:** 3

## **ENGL 3382 • Textualities/Sexualities**

**Prerequisites:** Any two 200-level English courses; 202 or 203 is highly recommended or for those in the MRU Education program any one 1000-level English course and GNED 1401 is also acceptable

This course examines both the body of the text and the text of the body. While reading the body as it is represented in writing, we will investigate such concepts as representation (including what has been erased or silenced), the gendered text, the imaginary and the limits of textualized sexualities. Students will be introduced to literary research. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their*

*guidelines. Students register through Medicine Hat College. NOTE: Students cannot receive credit for both ENGL 3382 and ENGL 382.*

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **ENGL 3394 • The Graphic Novel**

**Prerequisites:** Any two 200-level English courses; 202 or 203 is highly recommended or for those in the MRU Education program any one 1000-level English course and GNED 1401 is also acceptable

The graphic novel has recently emerged as a unique storytelling medium. This course focuses on both the theoretical bases of sequential art and the graphic novel's literary and aesthetic properties. Students will draw on a variety of modern and postmodern theories of texts to analyze specific graphic novels. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.* NOTE: Students cannot receive credit for both ENGL 3394 and ENGL 394.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **ENLA (English Language Arts)**

### **ENLA 0009 • English Language Arts 9**

This course follows the Alberta Education Curriculum for English Language Arts 9. This course is delivered in partnership with Coulee Collegiate and Sunrise Collegiate. Students cannot receive credit for ENLA 0009 and ENGL 009.

**Hours:** 42 hrs (3-0)

**Credits:** 4

### **ENLA 0010-1 • English Language Arts 10-1**

This course follows the Alberta Education Curriculum for English Language Arts 10-1. This course is delivered in partnership with Coulee Collegiate and Sunrise Collegiate. Students cannot receive credit for ENLA 0010-1 and ENGL 010

**Hours:** 120.45 hrs (6.6-2T)

**Credits:** 4

### **ENLA 0010-2 • English Language Arts 10-2**

This course follows the Alberta Education Curriculum for English Language Arts 10-2. This course is delivered in partnership with Coulee Collegiate and Sunrise Collegiate. Students cannot receive credit for ENLA 0010-2 and ENGL 013.

**Hours:** 120.45 hrs (6.6-2T)

**Credits:** 4

### **ENLA 0020-1 • English Language Arts 20-1**

This course follows the Alberta Education Curriculum for English Language Arts 20-1. This course is delivered in partnership with Coulee Collegiate and Sunrise Collegiate. Students cannot receive credit for ENLA 0020-1 and ENGL 020.

**Hours:** 120.45 hrs (6.6-2T)

**Credits:** 4

### **ENLA 0020-2 • English Language Arts 20-2**

This course follows the Alberta Education Curriculum for English Language Arts 20-2. This course is delivered in partnership with Coulee Collegiate and Sunrise Collegiate. Students cannot receive credit for ENLA 0020-2 and ENGL 023.

**Hours:** 120.45 hrs (6.6-2T)

**Credits:** 4

### **ENLA 0030-1 • English Language Arts 30-1**

This course follows the Alberta Education Curriculum for English Language Arts 30-1. The Alberta diploma exam is not required to receive College upgrading credit for this course. This course is delivered in partnership with Coulee Collegiate and Sunrise Collegiate. Students cannot receive credit for ENLA 0030-1 and ENGL 030.

**Hours:** 120.45 hrs (6.6-2T)

**Credits:** 4

### **ENLA 0030-2 • English Language Arts 30-2**

This course follows the Alberta Education Curriculum for English Language Arts 30-2. The Alberta diploma exam is not required to receive College upgrading credit for this course. This course is delivered in partnership with Coulee Collegiate and Sunrise Collegiate. Students cannot receive credit for ENLA 0030-2 and ENGL 033.

**Hours:** 120.45 hrs (6.6-2T)

**Credits:** 4

## **ENTR (Entrepreneurship)**

### **ENTR 211 • Introduction to Entrepreneurship**

This course is designed to help students develop an understanding of the business skills necessary to successfully develop an entrepreneurial venture. Students will acquire the knowledge and skills needed to: recognize and evaluate potential business opportunities; develop a feasibility analysis; conduct industry and competitor analysis; and build a viable business model.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### **ENTR 2301 • Innovation and the Entrepreneurial Experience**

This experiential course develops an understanding of innovation and builds awareness of the practical experiences of entrepreneurs. Students participate in experiential activities and competitions, and learn using a practical framework that integrates current research, practice and lessons learned from people who have started impactful businesses with limited resources. *Third and Fourth years of the BBA program are Mt. Royal University courses. The numbering system is based upon their guidelines. Students register through Medicine Hat College.* NOTE: Students cannot receive credit for both ENTR 2301 and MGMT 270 .

**Hours:** 42 hrs (3-0)

**Credits:** 3

# EREC

## EREC (Environmental Reclamation)

### EREC 100 • Introduction to Environmental Science Concepts

**Prerequisite:** ENGL 30 or equivalent

Survey of fundamental concepts of environmental science focusing on the environment of aquatic and terrestrial ecosystems. Topics include the biological and chemical principles that relate to current environmental issues, conservation of plants and animals, energy flow as well as nutrient cycling, basic ecological and technological concerns and advances, and scientific analysis and solutions to environmental problems.

Hours 56 hrs (3-1)

**Credits:** 3

### EREC 115 • Introduction to CAD and Surveying for Environmental Reclamation Technicians

You will be introduced to various software programs such as AutoCAD, Google Sketch UP, Google Earth and Layout to produce drawings related to the Environmental Reclamation program. In addition to various software, you will be introduced to survey systems used in western Canada and the various survey techniques used to find elevations, angles and distances on the earth's surface.

**Hours:** 140 hrs (5-5)

**Credits:** 4

### EREC 120 • Energy Fundamentals

A general overview of the petroleum industry operations in Alberta and Canada, and an introduction to various alternative energy sources. The course describes the origin of oil and gas, prospecting for petroleum, drilling and completion, production, and abandonment. Environmental and safety issues in the petroleum industry are discussed. Emerging alternative energy sources are introduced and how these options impact our environment and society is explored.

**Hours:** 56 hrs (4-0)

**Credits:** 3

### EREC 140 • Environmental Chemistry

**Prerequisite:** Admission to the Environmental Biology and Reclamation Technology program or permission of the Dean

**Recommended Background:** CHEM 30

This course will introduce the concepts of inorganic and organic chemistry that are most relevant to soils and aquatic systems. Lectures will cover atomic and molecular structure, formulae and equations, equilibria, gases, acids and bases, major classes and nomenclature of organic compounds, functional groups, detergents and environmental applications. The laboratory will support the lecture content with an emphasis on analytical and organic chemistry. The experiment will introduce the students to laboratory equipment, data collection and the interpretation of analytical results.

**Hours:** 70 hrs (3-2)

**Credits:** 4

### EREC 160 • Invasive Species Ecology and Management

**Prerequisite:** BOTA 205

A general overview of the biology, ecology, and control of invasive species. This course will provide an in-depth look at invasive species in Alberta and Canada, and an introduction to various management strategies. Identification of common Western Canadian invasive species are emphasized. Strategies and techniques for site preparation, vegetation re-establishment, integrated management approaches, and restoration will be introduced with the goals of minimizing environmental impact; conservation of biodiversity; and controlling the

establishment and spread of weeds and invasive species.

**Hours:** 84 hrs (3-3)

**Credits:** 4

### EREC 210 • Agrology and Agro-Ecology for Environmental Technologists.

EREC 210 introduces the agriculture industry and practices in Alberta. It includes the study of forages, tame pasture, field crops (cereal, oil seed, and pulse) and native grasslands. Agro-Ecology topics focus on range and riparian health assessment. Other topics include soil, land and water conservation and stewardship; seed industry and quality control; farm safety and equipment; agriculture policy, legislation and programs; agricultural professional organizations and communication. All topics are relevant to environmental reclamation and restoration of disturbed agricultural landscapes. EREC 210 will be presented in both a classroom and field lab/workshop environment.

**Hours:** 70 hrs (3-2)

**Credits:** 4

### EREC 220 • Environmental Sampling and Monitoring

Reclamation not only involves the collection of data and samples prior to development of a reclamation plan, but during the process and on an on-going basis for monitoring. This course will cover the development of sampling strategies, sample collection, the management of samples and related data, plus documentation and interpretation of results obtained from accredited testing facilities. This course also introduces you to the major categories of environmental contaminants encountered during environmental reclamation as well as industrial sampling and monitoring processes, which may not always be related to oil and gas sectors. This course will involve field trips, lab activities and group projects where samples from reclamation sites.

**Hours:** 70 hrs (3-2)

**Credits:** 4

### EREC 230 • Water Fundamentals

The progression of water through the hydrologic cycle affects all people and most scientific disciplines. Many issues involving contaminants within the environment also involve the water cycle in some way (surface water, soil water, groundwater). In this course students will learn the components of the hydrologic cycle, precipitation, snow processes, evapotranspiration, infiltration and soil water, surface runoff, and groundwater. Additionally, students will be introduced to river processes, channel hydraulics, forest hydrology, wetlands, surface water quality concerns and contaminant hydrogeology. Analytic skills regarding quantitative and qualitative hydrologic data will be enhanced through lab exercises, field trips and class assignments.

**Hours:** 70 hrs (3-2)

**Credits:** 4

### EREC 240 • Environmental Assessment

This course provides an introduction to the Canadian Environmental Assessment Act (2012) and a comparison to the previous Canadian Environmental Assessment Act as well as their corresponding process of Environmental Impact Assessments (EIA). Students will learn the basic process of planning, organizing and collecting information for EIAs at both the federal and provincial level. This course will also introduce the process of developing and implementing Phase I and II Environmental Site Assessments (ESAs) in Alberta, as well as pre-disturbance site assessments. Various provincial and federal assessment guidelines will be studied. This course has both field, and tutorial components, including group projects.

**Hours:** 70 hrs (3-2)

**Credits:** 4

## **EREC 260 • Land Reclamation and Revegetation**

Following site assessment and development of a reclamation plan this course involves you in the reclamation of a site. You gain familiarity with equipment used in this process; the correct documentation and disposal of waste materials; erosion control; soil amendment; weed management and monitoring of the reclamation site. This course also introduces the practices and techniques of revegetation of disturbed lands associated with oil and gas exploration, drilling and well abandonment. Topics include: assessment and surveying of native plant species; the collection of native plant species for revegetation; evaluation of purity and germination of seeds for reclamation sites; production of reclamation vegetation and follow-up monitoring. Bioengineering practices to reduce erosion is introduced.

**Hours:** 70 hrs (3-2)

**Credits:** 4

## **EREC 263 • Land Reclamation Legislation**

Provincial, federal and municipal governments require land reclamation to be carried out following environmentally related legislation, policy, directives, standards, guidelines and criteria. Familiarity with land reclamation legislation is an important aspect of being able to develop approved and successful reclamation plans and ensure compliance leading to certification. This course covers the legislation and details the legal requirements required for reclamation certification.

**Hours:** 56 hrs (4-0)

**Credits:** 3

## **EREC 285 • Capstone Project**

**Prerequisites:** EREC 210 and EREC 220

**Corequisites:** EREC 240 or EREC 260 or EREC 263

Students will research, prepare, and present a major technical report that will apply and demonstrate the knowledge and skills obtained during their Environmental Reclamation program. The technical report is based on research, presentation techniques, technical and knowledge content, and written style with a specific emphasis on communication.

**Hours:** 84 hrs (2-4)

**Credits:** 4

## **ESLC (English as a Second Language for New Canadians)**

### **ESLC 056 • English Language Transitional Proficiency**

This course is designed for eligible newcomers to Canada who desire to move from foundational to proficient English communication skills, and wish to integrate more successfully into the community and workplace. The course is targeted toward those who can produce a Language instruction for Newcomers to Canada (LINC) certificate with completed CLB Levels 4, or who have been assessed with CLB Levels 4 or higher in at least three of four communication skills areas. Essential skills will be embedded into the LINC curriculum and will be those skills that people need for work, learning, and life. They include reading, writing, oral communication, numeracy, document use, working with others, problem solving, computer use, and continuous learning. Students are placed into the program based on demonstrated proficiency in English as measured by the standards

for Canadian Language Benchmarks. Graded on a CR (Pass)/NC (Fail) basis.

**Hours:** (10-0) variable weeks

**Credits:** variable

### **ESLC 078 • English Language Proficiency**

This course is designed for eligible newcomers to Canada who desire to move from foundational to proficient English communications skills, and wish to integrate more successfully into the community and workplace. The course is targeted toward those who can produce a Language instruction for Newcomers to Canada (LINC) certificate with completed CLB Levels 6, or who have been assessed with CLB levels 6 or higher in at least three of four communication skills areas. Essential skills will be embedded into the LINC curriculum and will be those skills that people need for work, learning, and life. They include reading, writing, oral communication, numeracy, document use, working with others, problem solving, computer use, and continuous learning. Students are placed into the program based on demonstrated proficiency in English as measured by the standards for Canadian Language Benchmarks. Graded on a CR (Pass)/NC (Fail) basis.

**Hours:** (15-0) variable weeks

**Credits:** variable

## **EVSC (Environmental Science)**

### **EVSC 238 • Introduction to Geographic Information Science**

**Prerequisite:** GEOG 201 or GEOG 203

Introduction to Geographic Information Science (GIS). This course introduces the creation, management, and analysis of digital spatial data. Topics include data models and representation, relational databases, analytical models, error and accuracy and precision, map standards, and data translation (Google Earth, CADD and other data standards). QGIS - a free and open-source GIS - will be used for the course.

**Hours:** 84 hrs (3-3)

**Credits:** 4

### **EVSC 336 • Advanced GIS and Remote Sensing**

**Prerequisite:** EVSC 238

This course introduces students to methods for remote sensing of the Earth, and how spatial analysis can be applied to landscape ecology and agriculture. Major course topics include electromagnetic radiation, spectral and spatial properties, sensor characteristics, accuracy assessment, image processing, and spatial analysis methods.

**Hours:** 84 hrs (3-3)

**Credits:** 4

## **FILM (Film)**

### **FILM 201 • An Introduction to the Study of Film**

This course surveys the history of narrative film from its beginnings to the present. Students will view and discuss a variety of films, historically and aesthetically, paying particular attention to film vocabulary and language, the influence of technology, and film theories and criticism. This course will also introduce students to critical methodologies for close analysis of film texts. Students cannot receive credit for both FILM 201 and FILM 1143.

**Hours:** 42 hrs (3-0)

**Credits:** 3



# FILM - FREN

## **FILM 1143 • An Introduction to the Study of Film**

This course surveys the history of narrative film from its beginnings to the present. Students will view and discuss a variety of films, historically and aesthetically, paying particular attention to film vocabulary and language, the influence of technology, and film theories and criticism. This course will also introduce students to critical methodologies for close analysis of film texts. Students cannot receive credit for both FILM 201 and FILM 1143.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **FINA (Finance)**

### **FINA 161 • Principles of Sustainable Finance**

This course explains the principles of Sustainable Finance and how it can be used as a tool to steer the sustainability transition. Students will learn about sustainable banking and asset management, about effective engagement, sustainable scenario analysis, and long-term value creation.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### **FINA 255 • Finance**

**Prerequisite:** ACCT 113 or ACCT 321

An introductory course in financial management. All managers need to understand the basic concepts and techniques of financial analysis. Quality decisions require an understanding of the analytical techniques of finance including interpretation of financial position, profit analysis, planning and budgeting, cash flow analysis, working capital management, capital budgeting and investment, cost of capital, and risk. Sources of funding will also be discussed.

**Hours:** 56 hrs (4-0)

**Credits:** 3

## **FNSV (Financial Services)**

### **FNSV 200 • Canadian Investment Funds**

This course teaches the content of the Canadian Investment Funds (CIFC) course of the Investment Funds Institute of Canada. The course focuses on the basics of mutual funds and the mutual funds industry in Canada. Specific topics include assessing client needs, types of mutual funds, investing and financial instruments, taxation, and pensions and retirement. In addition to MHC's tuition fee, you are required to register and pay an additional course fee to IFSE.ca. With this mandatory registration and fee, you receive all course materials and access to on-line resources, are registered with IFSE.ca and are eligible to write the mutual funds exam, which, if passed, gives you license to sell mutual funds when employed at a Canadian financial institution. As a non-Business student you are also welcome to take the course for reasons of personal interest or professional development.

**Hours:** 42 hrs (3-0)

**Credits:** 3

Required Industry Fee of 225 (costs may vary from time of publication). NOTE: The required industry fee does not cover the textbook cost for this course.

### **FNSV 210 • Personal Investing**

Course focuses on the investment process, investment portfolios, investment tools, and portfolio management from an individual investor perspective. Topics include stocks, bonds, debentures, mutual funds, securities, money markets, and financial planning.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **FREN (French)**

### **FREN 200 • Beginner's French I**

This is a course for students with little to no previous background in French. This course will acquaint students with the fundamental parts of the French language and will build communicative competence in reading, writing, listening comprehension, and speaking. By the end of this course, students will be able to ask and answer questions, compose simple sentences, and express themselves in basic French. The course consists of an extensive exploration of the rich culture of French and the Francophone world. NOTE: Not to be taken by students with native and native proficiency in French, or with credit in French 30 or French 31 or their equivalents in Canada and other countries. NOTE: Students cannot receive credit for both FREN 200 and FREN 1109.

**Hours:** 70 hrs (4-1)

**Credits:** 4

### **FREN 202 • Beginner's French II**

**Prerequisite:** FREN 200 or permission of the Dean

This course is an extension of FREN 200. Students continue to develop their skills in listening comprehension, speaking, reading, and writing, with emphasis placed on composing more complex sentences and expressing language using the past tense. This course will entice students to further explore the rich French culture and Francophone world. NOTE: Not to be taken by students with native or near native proficiency in French, or with credit in French 30 or French 31 or their equivalents in Canada. NOTE: Students cannot receive credit for both FREN 202 and FREN 111.

**Hours:** 70 hrs (4-1)

**Credits:** 4

### **FREN 219 • First Year University: French I**

**Prerequisite:** FREN 30 or FREN 31 or FREN 202 or permission of the Dean

You expand your abilities in spoken and written French and build up your grammatical skills. Short texts from well-known Francophone authors form a basis for study and discussion of cultural, personal, and universal themes. Through individual and group participation, this course prepares you for foreign travel or residence abroad and also for university programs such as Education, International Studies, and Commerce. NOTE: Not to be taken by students with native or near native proficiency in French.

**Hours:** 56 hrs (3-1)

**Credits:** 3

### **FREN 221 • First Year University: French II**

**Prerequisite:** FREN 219 or permission of the Dean

A continuation of FREN 219. You have the opportunity to converse and communicate through individual and group presentations. You will practice new grammatical structures and vocabulary and study and discuss short excerpts from Francophone authors covering topics

such as careers, travel, personal goals, and current issues. This course provides a good basis for the requirements of further university transfer, federal institutions, and global corporations. NOTE: Not to be taken by students with native or near native proficiency in French.

**Hours:** 56 hrs (3-1)

**Credits:** 3

## **FREN 319 • Second Year University: French I**

**Prerequisite:** FREN 221

Course further develops grammatical skills and provides a wider vocabulary. You will study and discuss short texts, and practice writing descriptive, narrative and expository prose.

**Hours:** 56 hrs (3-1T)

**Credits:** 3

## **FREN 321 • Second Year University: French II**

**Prerequisite:** FREN 319 or permission of the Dean

A continuation of FREN 319 and refines grammatical accuracy and fluency in speaking and writing.

**Hours:** 56 hrs (3-1T)

**Credits:** 3

## **FREN 1109 • Beginner's French I**

Basic elements of the French language, including training in comprehension, speaking, reading and writing of French. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.* NOTE: Students cannot receive credit for both FREN 1109 and FREN 200.

**Hours:** 70 hrs (4-1)

**Credits:** 4

## **FREN 1111 • Beginner's French II**

**Prerequisite:** FREN 200 or FREN 1109

A continuation of French 1109. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.* NOTE: Students cannot receive credit for both FREN 1111 and FREN 202.

**Hours:** 70 hrs (4-1)

**Credits:** 4

## **GEOG (Geography)**

### **GEOG 191 • Ecosystems and Environmental Change**

**Prerequisite:** SUST 114 or SUST 231, SUST 121 or SUST 251, and GLGY 111 or GLGY 211

This course introduces the rapidly advancing fields of ecosystem science through the exploration of how ecosystems respond to climate change, pollution and intensive natural resource management. The impacts from anthropogenic stressors on ecosystem functioning are often complex, with interactions occurring among plants, micro-organisms and physical and chemical environments. Empirical and modelling approaches are explored as they allow us to understand and predict ecosystem functioning and the linkages and feedbacks with changing environments. Lecture topics and case studies focus primarily on important representative Canadian ecosystems that also play vital roles in the resource sector including forests, agricultural land, wetlands and aquatic ecosystems.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### **GEOG 201 • The Physical Environment**

An introduction to the physical elements of the environment (weather, climate, hydrology, land forms, soils, vegetation and the processes producing variations of these elements on the surface of the earth). Examples of environmental inter-relationships and problems that affect people are studied.

**Hours:** 70 hrs (3-2)

**Credits:** 4

### **GEOG 203 • The Human Environment**

This course is the study of people - their origins, culture, technology, economy and impact on the environment, and the manner in which people attempt to impose order upon the surface of the earth. Concepts of relative location are introduced, with particular regard to both the external orientation and the internal organization of urban areas. There will be project work in the laboratories.

**Hours:** 70 hrs (3-2)

**Credits:** 4

### **GEOG 321 • Environmental Problems and Resource Management**

**Prerequisite:** Any 200 level Geography course

Environmental and resource issues are studied, with emphasis on such topics as: Principles of resource use; global environmental and resources management strategies including sustainable development; and environmental impact assessment. Case examples are highlighted.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### **GEOG 332 • Map and Air Photo Interpretation**

**Prerequisite:** GEOG 201 or permission of the Dean.

The purpose of this course is to introduce you to the discipline of cartography through the detailed examination and use of maps and air photographs. Concepts stressed in the course include scale, location, direction, evaluation, projections, and elements of air photography.

**Hours:** 70 hrs (3-2)

**Credits:** 4

# GEOG - GNED

## **GEOG 334 • Remote Sensing**

**Prerequisite:** GEOG 201 or permission of the Dean

This course covers the use of aerial photographs for the interpretation and mapping of renewable resources, and is an introduction to the physical basis of remote sensing. A full range of data products are used including black and white, black and white infrared, colour, colour infrared photographs, and satellite images.

**Hours:** 70 hrs (3-2)

**Credits:** 4

## **GEOG 338 • Introduction to Geographic Information Systems (GIS)**

**Prerequisite:** GEOG 201

This course focuses on spatial data, its nature, acquisition and manipulation. Several of the industry-leading GIS software programs are utilized in exploring spatial relationships.

**Hours:** 70 hrs (3-2)

**Credits:** 4

## **GEOG 379 • The United States of America**

The physical and cultural framework of the country and its historical significance, and the patterns and characteristics of geographic regions are studied in this course. NOTE: You are strongly advised to have taken a previous course in geography.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **GEOG 381 • Canada**

Course focuses on the regional geography and physical framework of Canada and its significance in Canada's historical development. The concept of the geographic region, the patterns and characteristics of these regions, and selected detailed studies are included in this course. NOTE: You are strongly advised to have taken a previous course in geography. Students cannot receive credit for both GEOG 381 and GEOG 2225.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **GEOG 387 • Russia**

The systematic and topical geography of Russia and aspects of economic activity, transportation, regional development settlement patterns, and population distribution are discussed in this course. NOTE: You are strongly advised to have taken a previous course in geography.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **GEOG 397 • Geography of the Northlands**

Course focuses on the environment, resource development and human activity with emphasis on Alaska, Yukon, Northwest Territories, Nunavut, Russia, Scandinavia, Greenland and Iceland. NOTE: You are strongly advised to have taken a previous course in geography.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **GEOG 2225 • Regional Geography of Canada**

This course involves a regional geography approach to the study of Canada. Included is the study of the physical framework of Canada and its significance in Canada's historical development. The concept of geographic regions, and the patterns and characteristics of these regions are explored using selected detailed studies. This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students

register through Medicine Hat College. NOTE: Students cannot receive credit for both GEOG 2225 and GEOG 381.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **GLGY (Geology)**

### **GLGY 111 • Principles of Geoscience**

Composition and internal structure of the Earth; surface processes; internal processes and global tectonics; rocks and minerals, topographic and geologic maps.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### **GLGY 201 • Principles of Geology and Geophysics I**

Introduction to the origin, composition and evolution of the Earth and the solar system. Introduction to plate tectonics and the rock cycle with a description of surface processes and internal processes. Simple energy balances and interactions between radiation and the atmosphere, land, oceans, ice masses, and the global hydro geological cycle. Laboratory: Rocks and minerals, topographic and geologic maps.

**Hours:** 84 hrs (3-3)

**Credits:** 4

## **GNED (General Education)**

### **GNED 210 • Scientific and Mathematical Literacy for the Modern World**

You will expand your understanding of the intersections of mathematics, science and technology with daily life. The course will develop and apply critical thinking and scientific reasoning skills through the examination of issues drawn from the real world and current events. NOTE: Students cannot receive credit for both GNED 210 and GNED 1101.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### **GNED 220 • Texts and Ideas**

"Texts and Ideas" is a course that explores how specific ideas shape attitudes, belief systems, and values through the perspectives of various disciplines. You will learn about the nature, origins and relevance of one or more complex concepts, such as beauty, mind, identity, modernity, or the good life. NOTE: Students cannot receive credit for both GNED 220 and GNED 1202.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### **GNED 221 • Aesthetic Experience & Ideas**

This course examines human aesthetic responses and our capacities to interpret diverse forms of cultural expressions. Students will study some of the following: literary and/or religious texts, paintings, sculpture, architecture, music, film, dance, opera the decorative arts, as well as other forms of aesthetic expression. Students will critically explore the values, beliefs and ideas that shape, and are shaped by human experience, and are expressed by individuals, communities,

and societies, through their art and cultural expression. Students will also explore the various media through which cultural expression takes place. NOTE: Students cannot receive credit for both GNEED 221 and GNEED 1201.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### **GNEED 230 • Citizenship Without Borders**

You will gain an understanding of the impact and opportunities of globalization, as well as the barriers. A thorough discussion of the pros and cons of globalization will be included. The international environment will be introduced through a holistic analysis of political, economic, and cultural differences. International institutions and trading blocs will be discussed, and the factors contributing to cross-cultural effectiveness will be introduced. NOTE: Students cannot receive credit for both GNEED 230 and GNEED 1301.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### **GNEED 234 • Communities and Societies**

In this course students will be guided to develop a richer awareness of the various communities and societies in which they live and participate. This course will progressively examine family, communities of belonging, post-secondary education, the city, the province, the state, and global economic, political and cultural concentric systems. In the course, stereotypes will be questioned, critical skills developed, and key topics will be addressed and examined. Themes and topics to be considered include the following: Community building, power and authority, social systems, institutions, and rules and responsibilities. NOTE: Students cannot receive credit for both GNEED 234 and GNEED 1304.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### **GNEED 1101 • Scientific and Mathematical Literacy for the Modern World**

Students will expand their understanding of the intersections of mathematics, science and technology with daily life. The course will develop and apply critical thinking and scientific reasoning skills through the examination of issues drawn from the real world and current events.

*This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines.* Students register through Medicine Hat College. NOTE: Students cannot receive credit for both GNEED 1101 and GNEED 210.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### **GNEED 1201 • Aesthetic Experience and Ideas**

This course examines human aesthetic responses and our capacities to interpret diverse forms of cultural expression. Students will study some of the following: literary and/or religious texts, paintings, sculpture, architecture, music, film, dance, opera, the decorative arts, as well as other forms of aesthetic expression. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines.* Students register through Medicine Hat College. NOTE: Students cannot receive credit for both GNEED 1201 and GNEED 221.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### **GNEED 1202 • Texts and Ideas**

"Texts and Ideas" is a course that explores how specific ideas shape attitudes, belief systems, and values through the perspectives of various disciplines. Through the critical reading of key texts, students will learn about the nature, origins and relevance of one or more ideas, such as "leadership," "mind," "the self," "modernity," or "the good life". *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines.* Students register through Medicine Hat College. NOTE: Students cannot receive credit for both GNEED 1202 and GNEED 220.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### **GNEED 1301 • Citizenship without Borders**

Students will gain a broad overview and understanding of issues related to global interaction and global interconnectedness. The complex concept of 'globalization' will be analyzed through interdisciplinary perspectives and students will be encouraged, through debating key issues, to be active global citizens. Instructors may approach the course through the use of specific thematic structures. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines.* Students register through Medicine Hat College. NOTE: Students cannot receive credit for both GNEED 1301 and GNEED 230.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### **GNEED 1304 • Communities and Societies**

Local, national, and global communities suffer from similar problems. This interdisciplinary course will critically examine key issues within communities and societies, explore the meaning, power, and obligations of citizenship, and begin to develop the skills necessary to create positive, effective, and sustainable change. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines.* Students register through Medicine Hat College. NOTE: Students cannot receive credit for both GNEED 1304 and GNEED 234.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### **GNEED 1401 • Writing for Academic Success**

This course develops students' skills in the types of writing, reading, and thinking required in university today. Students will review basics, analyze contemporary examples, develop research and referencing skills, and design their writing for specific audiences. Writing for Academic Success provides an opportunity to develop new talents and gain confidence in expressing ideas. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines.* Students register through Medicine Hat College. NOTE: Students cannot receive credit for both GNEED 1401 and ENGL 252.

**Hours:** 42 hrs (3-0)

**Credits:** 3

# GNST - HCAP

## GNST (Gender Studies)

### GNST 300 • Gender Studies

Course provides theoretical, historical, cultural, and ethical contexts for the study of gender. What is gender? How are gender and sex different? How have gender roles been determined in the past and present? How are gender and gender roles depicted in our culture and through the media? How are issues pertaining to gender related to personal identity, race and ethnicity, family, economics, education, law, medicine and health care? This course has no prerequisites but SOCI 201 or any 200 level Psychology are highly recommended. NOTE: Students cannot receive credit for both GNST 300 and SLGY 2233.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## HCAP (Health Care Aide)

### HCAP 140 • Health Care Aide Role & Responsibility

**Corequisite:** HCAP 141 & HCAP 142 & HCAP 143

You will obtain knowledge about the role of the Health Care Aide, legislation, functioning effectively as a team member, environmental safety, client safety, self-care, and safety. Graded on a CR (Pass)/NC (Fail) basis

**Hours:** 45 hrs (4-0.5) 10 wks

**Credits:** 3

### HCAP 141 • The Human Body, Health & Chronic Illness

**Corequisites:** HCAP 140 & HCAP 142 & HCAP 143

You will gain an understanding of body systems, functions, and chronic conditions. Normal human growth, development, and death will be discussed. You will gain an understanding of the role of a Health Care Aide and the aspects of healthy aging as well as the importance of the maintenance and fostering of client independence. Graded on a CR (Pass)/NC (Fail) basis.

**Hours:** 45 hrs (4.5-0) 10 wks

**Credits:** 3

### HCAP 142 • Communication & Documentation in the Health Care Environment

**Corequisites:** HCAP 140 & HCAP 141 & HCAP 143

You will learn how to communicate effectively within a collaborative team. You will also acquire skills in both written and oral communications and learn how to deal with problems and conflict. You will gain understanding in communication impairments and related strategies to mitigate potential challenges. Graded on a CR (Pass)/NC (Fail) basis.

**Hours:** 60 hrs (3-3) 10 wks

**Credits:** 3

### HCAP 143 • Providing Person-Centered Care & Comfort

**Corequisites:** HCAP 140 & HCAP 141 & HCAP 142

You will learn how to deliver basic physical care such as grooming, personal care, bathing, bed-making, assisting with elimination, client mobility, positioning, lifts and transfers in a safe, ethical manner. You will also acquire knowledge and skills related to client nutrition, food safety and mealtimes. This course includes a high impact consolidation lab. Graded on a CR (Pass)/NC (Fail) basis.

**Hours:** 75 hrs (2.42-3.83) 12 wks

**Credits:** 4

### HCAP 144 • Clinical Placement I

**Prerequisites:** HCAP 140 & HCAP 141 & HCAP 142 & HCAP 143  
Placement to occur in a continuing care setting (home care, supportive living, designated supportive living (DSL), senior lodge, group homes). Graded on a CR (Pass)/NC (Fail) basis.

**Hours:** 80 hrs (0-40C) 2 wks

**Credits:** 4

### HCAP 145 • Meeting Complex Care Needs

**Prerequisites:** HCAP 140 & HCAP 141 & HCAP 142 & HCAP 143 & HCAP 144

**Corequisites:** HCAP 146

This course covers the more complex skills required for complete personal care such as range of motion, assistance with wound care, assistance with Naso-Gastric, Gastrostomy and tube feeds, assistance with urinary catheters and drainage systems. In addition, you will learn how to measure vital signs, height, and weight, assess vital signs, assistance with specimen collection, and assistance with respiratory care and oral suctioning, medication assistance. This course includes a high impact consolidation lab. Graded on a CR (Pass)/NC (Fail) basis.

**Hours:** 75 hrs (3.43-7.29) 7 wks

**Credits:** 4

### HCAP 146 • Special Activities for Clients with Various Health Conditions

**Prerequisites:** HCAP 140 & HCAP 141 & HCAP 142 & HCAP 143 & HCAP 144

**Corequisite:** HCAP 145

You will build on the skills previously learned and expand your range of skills to include assistance with care of infants, assistance with child, and care for clients with a diagnosis of Dementia and other mental health diagnoses. You will assist clients with physical disabilities and developmental delays. Furthermore, you will learn about palliative and end of life care and how to meet the care needs of patients and families at the time of death. This course includes a high impact consolidation lab. Graded on a CR (Pass)/NC (Fail) basis.

**Hours:** 75 hrs (7.29-3.43) 7 wks

**Credits:** 4

### HCAP 147 • Clinical Experience II (Instructor-Led)

**Prerequisites:** HCAP 145 & HCAP 146

Clinical placement to occur in any of the following care settings: long term care facility, designated supportive living 4/4D (DSL4/4D), and in some cases (DSL 3). Graded on a CR (Pass)/NC (Fail) basis.

**Hours:** 160 hrs (0-26.67C) 6 wks

**Credits:** 6

### HCAP 148 • Consolidated Clinical Placement

**Prerequisite:** HCAP 147

Placement to occur in any of the following settings: home care, a long term care facility, designated supportive living 4/4D (DSL4/4D), in some cases (DSL 3), or acute care. Graded on a CR (Pass)/NC (Fail) basis.

**Hours:** 80 (0-26.67C) 3 wks

**Credits:** 4

## HIST (History)

### HIST 203 • History of Europe

This course focuses on the major issues in modern European history, emphasizing the relationship between ideas and events. Sample themes: revolution and social change; the scientific outlook and democratic ideals; liberalism and industrialization; theory and practice in socialism and Soviet communism.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### HIST 205 • The Americas

Course discusses selected topics in the history of conquest, expansionism and migrations in the New World. Special attention is given to exploration, social and economic development, race relations, colonial and military rivalries, frontiers, and revolutions.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### HIST 217 • The United States 1607-1865

Course focuses on a survey of major themes and issues in American history from colonial settlement to the end of the Civil War. Topics include: early exploration, colonial society, religion and education, the road to revolution, the revolutionary war, American democracy, American expansion, race relations, and the Civil War.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### HIST 219 • United States 1865 to Present

Focus of the course is a survey of American history from the Civil War to the present. Topics include reconstruction and black freedom, the response to industrialization, the emergence of the USA as a world power, the Great Depression and the New Deal, involvement in war (WWI, WWII, Cold War, Vietnam War), student rebellion in the 1960s, and conservatism in the Reagan era.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### HIST 231 • Histories of Canada to 1867

This course examines the political, social, economic, and cultural developments, including the intertwined Indigenous histories, in the lands now known as Canada from prehistory to the Confederation of the British North American colonies in 1867 into the political unit, Canada. The focus of this course is on Indigenous histories; the arrival of Europeans; the establishment of French society; conflict between French/English/Indigenous peoples, including the establishment of military alliances; fur trade in the West; ecological transformation; armed resistance; development of an industrialist economy; urbanization; the role of global imperialism; coming of new immigrants; economic and social issues; and the movement to unite all British North American colonies. This course will help students understand the transformations of the past and the roots of our present circumstances. NOTE: Students cannot receive credit for both HIST 231 and HIST 1131.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### HIST 233 • Histories of Canada Since 1867

This course examines political, social, cultural, and economic themes in the history of Canada since Confederation in 1867, focusing on important and controversial issues, events, and processes that have shaped Canada. Topics include industrialization; urbanization; immigration; changing gender and family roles; Indigenous peoples and the state; the impact of two world wars on Canadian society; multi-culturalism and transnationalism; Québec, nationalism, and federalism; regionalism; and Canadian foreign policy in a globalized world.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### HIST 331 • Canadian Social Development

A study of the growth of Canadian society from colonial times to the present. Emphasis is placed on European and American backgrounds of Canadian social institutions and their development in various regional settings. Consideration is given to the role of immigrants, social and ethnic groups, health, crime and punishment, education, religion, the arts, and recreation. NOTE: Students cannot receive credit for both HIST 331 and HIST 2232.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### HIST 333 • Popular Culture in Nineteenth Century Canada

This course focuses on selected themes in 19th century Canadian culture: working class culture and leisure; rural and urban lifestyles; social class and the Victorian family; newspapers and periodicals; regional societies and folk myths; and political culture.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### HIST 345 • Crime and Criminal Justice in Canada

This course focuses on the history of crime and criminal justice in Canada from the earliest settlement by Europeans to the late twentieth century. Topics include crime and the development of the criminal law, criminal courts and jurisdictions, the police, punishments, correctional institutions in Eastern, Central and Western Canada during the time period. Attention will be given to the relationship of criminality to the moral attitudes and socio-economic conditions, and the historic role of crime and punishment in the local communities, society and the state.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### HIST 350 • Eighteenth Century Europe, 1715-1815 Age of Enlightenment and Revolution

Topics for this course include: state building and international relations; aristocracy, peasants, and the urban middle classes; popular culture; critical spirit of the Enlightenment; crises of the old regimes; and the era of the French Revolution and Napoleon.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### HIST 351 • Nineteenth Century Europe, 1815-1914 Material Progress and Political Collapse

Topics for this course include: new ideologies of liberalism, conservatism, nationalism, and socialism; 19th century revolutions; industrialization and its social consequences; emergence of new nation-states; imperialism, partial emancipation of women; new cultural trends; and the successes and ultimate failure of the European balance of power. NOTE: Students cannot receive credit for both HIST 351 and HIST 2243.

**Hours:** 42 hrs (3-0)

**Credits:** 3

# HIST - HPED

## **HIST 361 • Second World War**

### **Prerequisite: HIST 233 is strongly recommended**

This course examines the Second World War from the tactical level to that of grand strategy starting with the 1919 Paris Peace Conference to the war's conclusion in 1945. The course covers the origins of the war, diplomacy, the process of strategic planning, the problems of coalition warfare, national mobilization, campaign planning, and great battles on land, on the sea, and in the air. The course also explores the home front; the Holocaust; propaganda; public opinion and espionage; technological changes; and the social, political, and economic consequences of war.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **HIST 1131 • Introduction to Canada: Pre-Confederation**

This course introduces students to key issues and events in early Canadian history. Themes include social and cultural change, as well as economic and political developments. Topics such as the interactions between Natives and non-Natives, war and conflict, and French and British relations will be examined. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.* NOTE: Students cannot receive credit for both HIST 1131 and HIST 231.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **HIST 1133 • Modern Canada, 1867 to Present**

This course introduces students to key issues and events in modern Canadian history. Themes include social and cultural change, as well as economic and political developments. Specific topics covered may include Canada's military participation, the Cold War, immigration and regionalism. This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College. NOTE: Students cannot receive credit for both HIST 1133 and HIST 233.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **HIST 2232 • Canadian Social History**

This course focuses on the history of Canadians in a number of spaces such as home, workplace and recreational settings. A variety of topics such as religion, education, health, crime and punishment, the arts, and popular culture may be examined, as may issues such as race and ethnicity, gender and sexuality, regional identity and class. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.* NOTE: Students cannot receive credit for HIST 2232 and HIST 331.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **HIST 2243 • Europe in the Nineteenth and Twentieth Centuries**

This course examines the history of Europe between 1789 and 1989. This period is distinguished by transformations in virtually every area of human life; the creation and destruction of a European dominated world order; the rise, spread and collapse of communism; increasingly destructive spasms of organized violence; and ongoing efforts at collective identity formation. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.* NOTE: Students cannot receive credit for both HIST 2243 and HIST 351.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **HPED (Health and Physical Education)**

### **HPED 2010 • Historical Foundations of Recreation, Health, Sport, Physical Literacy and the Outdoors**

In this course, students will explore the historical foundations of recreation, health, sport, physical literacy, and the outdoors as it relates to historical methods and processes such as colonialism, capitalism, and patriarchy. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.* NOTE: Students cannot receive credit for both HPED 2010 and KNES 264.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### **HPED 2507 • Nutrition and Health**

This course will provide the student with a basic understanding of the role of nutrition in health and fitness. By surveying the basics of human nutrition, and considering practical applications, the student will be prepared to apply nutrition guidelines to their individual nutrition needs and those of specialized populations. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.* NOTE: Students cannot receive credit for both HPED 2507 and NUTR 200.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### **HPED 3010 • Sociological Perspectives of Recreation, Health, Sport, Physical Literacy and the Outdoors**

In this course, students learn about sociological theories and methods, sociocultural processes such as colonialism, capitalism, and patriarchy, and use a sociological perspective to examine topics related to health, sport, recreation, physical literacy, and the outdoors. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.* NOTE: Students cannot receive credit for both HPED 3010 and KNES 204.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## HSSW (Humanities & Social Science Workplace)

### HSSW 300 • Work Integrated Learning Placement

**Prerequisite:** 30 credits or permission of the Program Coordinator and Dean

This learning experience provides students the opportunity to apply the theory and practical skills developed in their field of study to diverse real-world work environments. This integrated work placement also provides critical opportunities for networking, future employment, as well as personal and professional growth. Students find a placement with support from the College Placement Advisor who maintains a roster of placement opportunities and provides students with direction and assistance in the development of resumes and placement search techniques.\*Restricted to students in the Humanities and Social Sciences Diploma program. Total tuition for this course is \$401.22.

**Hours:** 240 hrs (0-40P) 6 weeks

**Credits:** 6

## IDST (Interdisciplinary Studies)

### IDST 100 • Introductory Communications for Helping Professionals

This introductory course provides foundational knowledge and skills in communication for students beginning studies in the helping professions.

**Hours:** 78 hrs (3-3) 13 wks

**Credits:** 4

### IDST 485 • Death and Dying

Society's attitudes towards death and dying, rituals associated with death, and the impact of technology are examined. The effect of death and dying on those who are dying, on their families and friends, and on those providing care and comfort is discussed.

**Hours:** 39 hrs (3-0) 13 wks

**Credits:** 3

## IMIN (Infection and Immunity)

### IMIN 200 • Infection and Immunity

**Prerequisite or Corequisite:** CMMB 343 & (BCEM 200 or BCEM 393)

Infection and Immunity introduces the fundamental principles, components and functioning of the immune system. It examines how the immune system responds to each of the three major groups of infectious agents (bacteria, viruses and parasites) and the strategies employed by these agents in order to evade an effective immune response.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### IMIN 202 • Infection and Immunity for Health Care Professionals

**Prerequisite or Corequisite:** BIOL 275 and permission of the Dean  
Infection and Immunity for Health Care Professionals introduces the fundamental principles, components and functioning of the immune system. It examines how the immune system responds to each of the three major groups of infectious agents (bacteria, viruses and parasites) and the strategies employed by these agents in order to

evade an effective immune response.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## INBU (International Business)

### INBU 330 • International Marketing

This course provides students with an understanding of the role of marketing in international business and how it differs from marketing in the domestic market. A brief review of the basic principles of marketing and its relationship to the other functional areas of Marketing will be included. The course will focus on identifying international marketing opportunities and developing appropriate market access strategies. The influence of cultural, political, economic and legal factors on the marketing decisions will be a vital component of the market research which will be used to gain a better understanding of the identified target market.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## INST (Independent Research)

### INST 300 • Independent Research Study

Student must receive prior approval from the Program Coordinator to enroll in this course. This independent study introduces students to quantitative and/or qualitative research approaches appropriate to contextualized, individualized student research projects. Students will learn to think critically about research claims, develop and awareness of ethical concerns in research, and gain understanding of research methodology, various approaches, and their respective shortcomings. Students will participate in a research project and document their role and contributions.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## ITEC (Information Technology)

### ITEC 100 • Professional Communications I

This introductory course helps you develop the skills, strategies, and techniques needed to prepare a variety of business and technical documents. Instruction will include a focus on grammar proficiency, document development, and oral presentation skills. You will use Microsoft Office Suite to create, edit and track changes to documents.

**Hours:** 70 hrs (2-3)

**Credits:** 4

### ITEC 110 • A+ Computer Technology I

Named after CompTIA A+, a microcomputer industry-wide proficiency standard, this course includes essential operating system competencies and hardware knowledge for a microcomputer service technician. This course will help students prepare for the (optional) CompTIA A+ industry examinations.

**Hours:** 84 hrs (2-4)

**Credits:** 4



# ITEC

## **ITEC 120 • Applied Mathematics**

A combination of technical and business mathematics, this course is designed to improve general math and problem solving capabilities particularly in areas relevant to information technology. Topics include a thorough treatment of binary and hexadecimal number systems and related conversions, review of arithmetic and algebra, exponents and logarithmic functions, IP addressing, truth tables, etc. As well as some business mathematics such as percentages, interest, break-even analysis, etc. Lab exercises include hands on work with spreadsheets (e.g. Microsoft Excel) and some programming.

**Hours:** 70 hrs (2-3)

**Credits:** 4

## **ITEC 130 • A+ Computer Technology II**

**Prerequisite:** ITEC 110

This course extends the range and depth of coverage begun in ITEC 110. It is also named after CompTIA A+, a microcomputer industry-wide proficiency standard, and continues coverage of essential operating system competencies and hardware knowledge for a microcomputer service technician. This course will help students prepare for the (optional) CompTIA A+ industry examinations.

**Hours:** 84 hrs (2-4)

**Credits:** 4

## **ITEC 140 • Programming Fundamentals I**

Introduction to computer programming using a mainstream object oriented, event driven language. Topics include user interface design, algorithms, and various foundational programming concepts such as types, variables, objects, expressions, control structures, and so on. In the labs you are given the opportunity to complete a variety of event driven, windows based programs.

**Hours:** 70 hrs (2-3)

**Credits:** 4

## **ITEC 145 • Programming Fundamentals II**

**Prerequisite:** ITEC 140

Continuing from ITEC 140, you will continue to develop your expertise in object oriented, event driven programming. Topics include: additional control structures, arrays, subprograms and parameters, file handling, and introduction to classes.

**Hours:** 70 hrs (2-3)

**Credits:** 4

## **ITEC 150 • Application Software**

This course focuses primarily on database software and introductory database concepts. Main topics include database design, relationships, tables, queries, forms and reports. Additional software topics include software installation, requirements, licensing, compatibility and data transfer between different applications.

**Hours:** 70 hrs (2-3)

**Credits:** 4

## **ITEC 155 • IT Systems Support**

This course examines the installation and use of Linux client/desktop operating systems and the role that the Linux operating system plays in today's computing environment. Additional topics will focus on system protection. Logical and physical security concepts and cryptography will be introduced including such uses as encryption of files, drives, email and public key infrastructure. Students will also

use a variety of methods to detect, remove and prevent malware infections. This course will help students prepare for the (optional) CompTIA A+ industry examinations.

**Hours:** 70 hrs (2-3)

**Credits:** 4

## **ITEC 170 • Networking Fundamentals**

This course covers networking and communications fundamentals and terminology, communication protocols, the OSI model, TCP/IP and encapsulations. You will work with current networking hardware and software to study the appropriate configuration of these components. Networking concepts such as routing and remote access are introduced in the context of an Internet connection. The course represents the program's primary preparation for the CompTIA Network+ certification exam which you will be encouraged to complete by the middle of the third term of the IT program.

**Hours:** 84 hrs (2-4)

**Credits:** 4

## **ITEC 190 • Web Development I**

Focus is on the development of web pages and complete web sites. Utilizing HTML and/or XHTML you are introduced to various tags, attributes and scripting syntax necessary to ready text and images for use on the World Wide Web. Enabling technologies such as browser software and web page publishing are also covered.

**Hours:** 70 hrs (2-3)

**Credits:** 4

## **ITEC 205 • Work Experience Preparation**

**Prerequisite:** ITEC 100

This course prepares students in the co-op stream for the work experience, ITEC 291. Seminars are given to help you improve resume writing skills, acquaint yourself with workplace procedures, familiarize yourself with job interviews and the co-op evaluation process. Successful completion of the course will enable you to make a smooth transition to the workplace for your co-op term.

**Hours:** 14 hrs (1-0)

**Credits:** 1

## **ITEC 265 • Applied Technical Support II**

**Prerequisite:** ITEC 260

Being an integral part of the Information Technology Support function can be challenging, frustrating, and exciting all at once. This course continues from ITEC 260 and teaches innovative and "best practice" techniques in solving problems and developing solutions to meet client needs. Hands-on projects and 'real-world' experience continue to provide students with job preparation.

**Hours:** 70 hrs (2-3)

**Credits:** 4

## **ITEC 270 • Database Management I**

An introduction to data, databases, and data management, this course offers a combination of theory and hands-on experience necessary for a foundational understanding of data management. Topics include database design and normalization, Structured Query Language (SQL), indexes, forms, queries and reports.

**Hours:** 70 hrs (2-3)

**Credits:** 4

## **ITEC 230 • Emerging Technologies I**

**Prerequisite:** ITEC 140 or ITEC 170

New technologies continually rise to prominence in information technology. This course focuses on important current technologies that round out the skill set of the information technology graduate. Students will choose from a number of technical 'modules' that allow them to focus their studies and build their strengths in certain areas of their choice.

**Hours:** 70 hrs (2-3)

**Credits:** 4

## **ITEC 240 • Web Server Administration**

This course focuses on the systems administration of Web servers and sites. Topics include the installation, configuration, monitoring, maintenance and management of at least two variations of server environments (currently Microsoft Internet Information Services [IIS] and Linux Apache). Emphasis is on practical, hands-on application and configuration.

**Hours:** 70 hrs (2-3)

**Credits:** 4

## **ITEC 260 • Applied Technical Support I**

**Prerequisite:** ITEC 130

This course prepares students to provide technical support in industry. You learn how to deal effectively with a wide variety of customer situations and to create positive interaction between customers and co-workers. Practical experience gained by completing projects in the community is a major component of this course.

**Hours:** 70 hrs (2-3)

**Credits:** 4

## **ITEC 275 • Database Management II**

**Prerequisite:** ITEC 270

Following ITEC 270, you expand your ability to analyze and develop database related applications. Course topics include examination of client server models, multi-user support, distributed databases, Internet connectivity, and n-tier software design. In the labs, you work on developing solutions for various business data management applications using relevant software development tools and programming for Internet/Intranet and or Windows.

**Hours:** 70 hrs (2-3)

**Credits:** 4

## **ITEC 281 • Business and Accounting Principles**

You are introduced to the terms, concepts and practices of business as well as elementary accounting (the accounting cycle, the accounting equation, and financial statements). Through a business simulation, you will learn about the business environment, organization, management, marketing, and financial considerations of operating and being part of a business. You will use Microsoft Office Suite to create and edit professional-looking spreadsheets and documents for a variety of purposes and situations. *Note: Students cannot receive credit for ITEC 180 and ITEC 281.*

**Hours:** 70 hrs (3-2)

**Credits:** 4

## **ITEC 285 • Security**

**Prerequisite:** ITEC 170

This course focuses on the operational and technical aspects of computer and network security such as managing permissions, accounts, security updates, virus protection, encryption, firewall

installation and configuration, network monitoring, and auditing. Good network management and administration techniques, primarily in a Microsoft operating systems environment are emphasized as fundamentals to maintaining secure systems and networks. You will learn a fundamental working knowledge of key cryptography concepts, authentication methods and public key infrastructures in support of the development of a secure network infrastructure. The course represents the program's primary preparation for the CompTIA Security+ certification exam.

**Hours:** 70 hrs (2-3)

**Credits:** 4

## **ITEC 291 • Work Experience**

**Prerequisite:** ITEC 205

The work experience is the core of the co-op stream of the Information Technology program. You will be placed in employment situations at competitive wages with local employers. Progress will be evaluated by employers, students and co-op coordinator who will supervise the course. The work experience normally takes place in the spring/summer session between the first and second years of the Information Technology program. Graded on a CR (Pass)/NC (Fail) basis. Total tuition for this course is \$993.38

**Hours:** 4 mths

**Credits:** 15

## **ITPL (Information Technology Placement)**

### **ITPL 220 • Information Technology Career Advancement**

This course provides special coverage of new and emerging technologies within the computer industry and/or relevant industry certification topics.

**Hours:** 70 hrs (0-17.5) 4 wks

**Credits:** 4

## **KNES (Kinesiology)**

### **KNES 203 • Principles and Concepts of Physical Activity**

Exploration of the principles and concepts that underlie movement of individuals and groups in a variety of settings. It is designed as a lead up course to the required study of Biomechanics. The focus of the course is the development of a conceptual understanding of movement. A wide range of activities and their contexts is examined and experienced.

**Hours:** 56 hrs (1-3)

**Credits:** 3

### **KNES 204 • Sociocultural Aspects of Leisure and Sport**

This course focuses on the study of play, physical education, recreation, sport, and leisure as institutionalized ways in which society organizes and teaches attitudes and skills. NOTE: Students cannot receive credit for both KNES 204 and HPED 3010.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **KNES 206 • Psychology of Sport and Physical Activity**

**Prerequisite:** Any 200-level PSYC

This course introduces you to select psychological theory as it relates to sport and physical activity. Psychological constructs along with their theoretical perspectives will be viewed within a cognitive, emotional and behavioral framework. NOTE: Students cannot receive credit for both KNES 206 and PHYL 3510.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **KNES 210 • Motor Skill Acquisition and Performance**

This course presents a behavioral approach to understanding human movement. The course examines the processes involved in learning motor skills and controlling movement, and the factors that influence acquisition and performance. The course content relies on theoretical frameworks and empirical support for principles of motor control and learning. Critical neural and cognitive concepts underlying an understanding of human behavior in physical activity, sport and health are also examined.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **KNES 211 • Leadership Communication and Instruction**

Focus on the study and application of knowledge, skills, and abilities that contribute to effective leadership and communication in kinesiology and physical education. This course provides study and application of theories, concepts, skills, and practice of effective communication, leadership, and instruction in fitness leadership, sport leadership, physical activity settings, and other related professional areas.

**Hours:** 70 hrs (3-2)

**Credits:** 4

## **KNES 212 • Research Methods in Kinesiology**

**Prerequisite:** STAT 251 or STAT 333

An introduction to research in Kinesiology, with an emphasis on a practical application of research techniques and design. Learning how to evaluate and design combining critical thinking to understand the various types of qualitative, quantitative and mixed research methods.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **KNES 220 • Prevention and Care of Athletic Injuries**

**Prerequisite:** KNES 261 or BIOL 275 & BIOL 277

The principles of injury prevention, and the study of selected sports injuries and how to manage them are studied in this course. Upon successful completion of this course, students can apply to the Sports Medicine Council of Alberta for an equivalency certificate in Athletic First Aid and Sport Taping and Strapping. This course includes an additional fee for taping and strapping supplies.

**Hours:** 70 hrs (3-2)

**Credits:** 4

## **KNES 240 • Adapted Physical Education**

An introduction to research, theory and practice pertaining to participation in sport, physical education and leisure by persons with impairments. NOTE: Students cannot receive credit for both KNES 240 and PHYL 3320.

**Hours:** 56 hrs (3-1)

**Credits:** 3

## **KNES 247 • Introduction to Wellness, Fitness & Nutrition**

This course is designed to introduce students to the general concepts of wellness, fitness and nutrition. Topics include dimensions of wellness, nutrition and body composition, components of fitness, exercise prescription and physical activity. Laboratory experiences will provide students with an introduction to basic wellness activities that, in combination with lecture material, can be applied to individual needs and circumstances.

**Hours:** 70 hrs (3-2)

**Credits:** 4

## **KNES 250 • Introduction to the Administration of Sport and Physical Education Programs**

This course provides the student with the theoretical knowledge and practical skills required to successfully administer a sport and/or Physical Education Program.

**Hours:** 56 hrs (3-1)

**Credits:** 3

## **KNES 255 • Biomechanics**

**Prerequisite:** KNES 261 or BIOL 275 & BIOL 277

**Corequisite:** KNES 265 or permission of Dean

Recommended Background: PHYS 20 & MATH 30

An introduction to the biomechanics of movement. Both qualitative and quantitative approaches are used in the study of key biomechanical concepts and principles as they are applied to sport and exercise.

**Hours:** 70 hrs (3-2)

**Credits:** 4

## **KNES 260 • Introduction to Coaching**

This course focuses on coaching theory and practice, with an emphasis on the qualities of an effective coach, skills a coach should possess, and how coaches connect with athletes. This course incorporates components of the National Coaching Certification Program (NCCP Theory Part A & B modules) and may have supplemental costs for certification requirements. NOTE: Students cannot receive credit for both KNES 260 and PHYL 2520.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **KNES 261 • Human Anatomy**

Introductory study of the human body. Students will learn about the various human systems and their structural and functional interrelationships. NOTE: Student cannot receive credit for both KNES 261 and BIOL 305.

**Hours:** 84 hrs (3-3)

**Credits:** 4

## **KNES 264 • History and Philosophies of Physical Education, Sports and Recreation**

A study of the philosophies and the development of physical education, sport, recreation, and athletics from ancient to modern times, with an emphasis on the Canadian setting. NOTE: Students cannot receive credit for both KNES 264 and HPED 2010.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **KNES 265 • Functional Anatomy**

**Prerequisite:** KNES 261

The application of anatomical and mechanical principles as they relate to human movement in sport, physical education, and daily activities. The focus will be on incorporating knowledge associated with the skeletal, muscular, and nervous systems to perform in-depth analyses of various movement situations.

**Hours:** 70 hrs (3-2)

**Credits:** 4

## **KNES 270 • Exercise Assessment and Prescription**

**Prerequisite:** KNES 247 and KNES 373

This course provides students with the theoretical knowledge and practical skills required to assess and interpret the physical fitness of healthy individuals by using accepted techniques that measure body composition, muscular fitness, cardiorespiratory capacity, and flexibility. Based on fitness assessment outcomes, students will also learn how to design, prescribe, and progress appropriate exercise programs.

**Hours:** 70 hrs (3-2)

**Credits:** 4

## **KNES 281 • Introduction to Movement Activities of Children and Youth**

Introduction to the theory and practice of instruction in physical activity settings. Instructional techniques are applied to a variety of activities and environments in order to enhance the development of instructional skills that can promote skill learning.

**Hours:** 56 hrs (2-2)

**Credits:** 3

## **KNES 290 • Growth and Development**

Study of the sequential changes in physical growth and motor development with emphasis on individual differences.

**Hours:** 70 hrs (3-2)

**Credits:** 4

## **KNES 295 • Practicum**

**Prerequisite:** KNES 247 and KNES 373

**Corequisite:** KNES 270

This practicum will give students the opportunity to gain hands-on industry experience and develop professional skills by working under the guidance of community professionals. Students will bridge the theoretical and practical knowledge gained in the classroom with real-world learning opportunities in various environments related to health, fitness, and athletics. The student will complete a minimum of 120 hours of non-paid work experience over the course of 14 weeks.

**Hours:** 70 hrs (3-2)

**Credits:** 4

## **KNES 373 • Exercise Physiology**

**Prerequisite:** PHSL 370

**Corequisite:** PHSL 371

This course will provide an overview of acute physiological responses and chronic adaptations to exercise. Focus will be on the nervous, muscular, cardiovascular and respiratory systems as well as the effects of exercise and training on the human body as a whole.

**Hours:** 84 hrs (3-3)

**Credits:** 4

## **LING (Linguistics)**

### **LING 201 • Introduction to Linguistics I**

This course provides a survey of basic linguistic concepts, including universals of language, linguistic rules, articulatory phonetics, the phonology of English and other languages, words and meaning, and the formation of sentences. NOTE: Students cannot receive credit for both LING 201 and LING 1111.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### **LING 203 • Introduction to Linguistics II**

**Prerequisite:** LING 201

This course focuses on language in historical and social contexts; writing systems; language change; language families and areas; elements of sociolinguistics/ psycholinguistics; and Canadian bilingualism. NOTE: Students cannot receive credit for both LING 203 and LING 1113.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### **LING 1111 • The Nature of Language I**

This course provides a survey of the field of theoretical linguistics: its content, techniques and objectives through the solution of problems from selected languages. Topics include articulatory phonetics and phonology; words and their meaning; and the formation of sentences.

*This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.* NOTE: Students cannot receive credit for both LING 201 and LING 1111.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### **LING 1113 • The Nature of Language II**

**Prerequisite:** LING 201 or LING 1111

This course provides a survey of the field of applied linguistics; its content, techniques and objectives. Topics include language in historical and social context; language change and variation; language families; writing systems; language acquisition; and psycholinguistics.

*This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.* NOTE: Students cannot receive credit for both LING 1113 and LING 203.

**Hours:** 42 hrs (3-0)

**Credits:** 3

# MAST - MATH

## MAST (Master Student)

### MAST 100 • Master Student

**Corequisite:** ENGL 010 or ENGL 013

This course focuses on the study skills necessary for success in the college environment. Topics include test-taking skills, time management, writing skills, and an introduction to resources available to promote academic success. Graded on a CR (Pass)/NC (Fail) basis.

**Hours:** 39 hrs (3-0) 13 wks

**Credits:** 3

## MATH (Mathematics)

### MATH 0008 • Mathematics 8

This course follows the Alberta Education Curriculum for Mathematics 8. This course is delivered in partnership with Coulee Collegiate and Sunrise Collegiate. Students cannot receive credit for MATH 0008 and MATH 008.

**Hours:** 120.45 hrs (6.6-2T)

**Credits:** 4

### MATH 0009 • Mathematics 9

This course follows the Alberta Education Curriculum for Mathematics 9. This course is delivered in partnership with Coulee Collegiate and Sunrise Collegiate. Students cannot receive credit for MATH 0009 and MATH 009.

**Hours:** 120.45 hrs (6.6-2T)

**Credits:** 4

### MATH 0010C • Mathematics 10C

This course follows the Alberta Education Curriculum for Mathematics 10C. This course is delivered in partnership with Coulee Collegiate and Sunrise Collegiate. Students cannot receive credit for MATH 0010C and MATH 010.

**Hours:** 120.45 hrs (6.6-2T)

**Credits:** 4

### MATH 0010-3 • Mathematics 10-3

This course follows the Alberta Education Curriculum for Mathematics 10-3. This course is delivered in partnership with Coulee Collegiate and Sunrise Collegiate.

**Hours:** 120.45 hrs (6.6-2T)

**Credits:** 4

### MATH 0020-1 • Mathematics 20-1

This course follows the Alberta Education Curriculum for Mathematics 20-1. This course is delivered in partnership with Coulee Collegiate and Sunrise Collegiate. Students cannot receive credit for MATH 020-1 and MATH 0020.

**Hours:** 120.45 hrs (6.6-2T)

**Credits:** 4

### MATH 0020-2 • Mathematics 20-2

This course follows the Alberta Education Curriculum for Mathematics 20-2. This course is delivered in partnership with Coulee Collegiate and Sunrise Collegiate. Students cannot receive credit for MATH 0020-2 and MATH 020FN.

**Hours:** 120.45 hrs (6.6-2T)

**Credits:** 4

### MATH 0020-3 • Mathematics 20-3

This course follows the Alberta Education Curriculum for Mathematics 20-3. This course is delivered in partnership with Coulee Collegiate and Sunrise Collegiate.

**Hours:** 120.45 hrs (6.6-2T)

**Credits:** 4

### MATH 0030-1 • Mathematics 30-1

This course follows the Alberta Education Curriculum for Mathematics 30-1. The Alberta diploma exam is not required to receive College upgrading credit for this course. This course is delivered in partnership with Coulee Collegiate and Sunrise Collegiate. Students cannot receive credit for MATH 0030-1 and MATH 030.

**Hours:** 120.45 hrs (6.6-2T)

**Credits:** 4

### MATH 0030-2 • Mathematics 30-2

This course follows the Alberta Education Curriculum for Mathematics 30-2. The Alberta diploma exam is not required to receive College upgrading credit for this course. This course is delivered in partnership with Coulee Collegiate and Sunrise Collegiate. Students cannot receive credit for MATH 0030-2 and MATH 030FN.

**Hours:** 120.45 hrs (6.6-2T)

**Credits:** 4

### MATH 0030-3 • Mathematics 30-3

This course follows the Alberta Education Curriculum for Mathematics 30-3. This course is delivered in partnership with Coulee Collegiate and Sunrise Collegiate.

**Hours:** 120.45 hrs (6.6-2T)

**Credits:** 4

### MATH 0031 • Mathematics 31 - Calculus

This course follows the Alberta Education Curriculum for Mathematics 31 (Calculus). This course is delivered in partnership with Coulee Collegiate and Sunrise Collegiate. Students cannot receive credit for MATH 0031 and MATH 031.

**Hours:** 120.45 hrs (6.6-2T)

**Credits:** 4

### MATH 150 • Technical Math

An introductory mathematics course for engineering technicians. Elementary algebra, geometry, and trigonometry will be introduced to prepare students to solve mathematical problems at a technician level. Students will learn and employ mathematical strategies such as models, geometric representations, formulas, algebraic equations, descriptive statistical methods and mathematical reasoning.

**Hours:** 70 hrs (5-0)

**Credits:** 4

## **MATH 160 • Mathematical Literacy for the 21st Century**

**Prerequisite:** MATH 30-1 or MATH 30-2

Mathematics often comes to us as pre-packaged collections of abstract concepts, words, symbols, relations, and manipulations. Typically, individuals memorize “one-size-fits-some” algorithms but remain perplexed at how, when, or why these methods work. This course tracks the historical and conceptual foundations of mathematics with a view to understanding mathematics as a language and way of thinking and discovering its relevance to our world.

**Hours:** 56 hrs (3-1)

**Credits:** 3

## **MATH 202 • Elementary Calculus I**

**Prerequisite:** MATH 30-1 or equivalent

A review of analytical geometry, functions and graphs. Differentiation and integration of polynomial, trigonometric, exponential and logarithmic functions; applications including curve sketching and optimization; and the fundamental theorem of calculus are featured.

**Hours:** 56 hrs (4-0)

**Credits:** 3

## **MATH 203 • Elementary Calculus I**

**Prerequisite:** MATH 30-1 & MATH 31 or equivalents

Topics of this course include: A review of analytical geometry, functions and graphs; differentiation and integration of polynomial, trigonometric, exponential and logarithmic functions; applications including curve sketching and optimization; and the fundamental theorem of calculus. NOTE: Credit not given if credit for MATH 202 completed.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **MATH 204 • Elementary Calculus II**

**Prerequisite:** MATH 202 or MATH 203

Topics of this course include the inverse trigonometric functions; techniques of integration; indeterminate forms; improper integrals; applications including areas and volumes; power series, Taylor series; differential equations, including separable equations, linear first order, and linear second order equations with constant coefficients.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **MATH 221 • Linear Algebra**

**Prerequisites:** 1) a grade of 70% or higher in MATH 30-1, or 2) a grade of 60% or higher in MATH 31, or 3) MATH 202 or MATH 203 or AMAT 217

Topics of this course include systems of equations and matrices, vector geometry in two and three dimensions, vectors in n-space, matrix algebra and determinants. Introduction to linear transformations; complex numbers, eigenvalues, eigenvectors; orthogonality; and applications in the physical science.

**Hours:** 56 hrs (4-0)

**Credits:** 3

## **MATH 271 • Discrete Mathematics**

**Prerequisite:** MATH 221

This course features sets and relations; functions; induction; counting, recurrence and trees; symbolic logic; graphs; and applications.

**Hours:** 56 hrs (4-0)

**Credits:** 3

## **MATH 311 • Linear Methods II**

**Prerequisite:** MATH 221

This course features: vector spaces and subspaces; linear independence; matrix representation of linear transformations; eigenvalues and eigenvectors; quadratic forms; inner products; and Gram-Schmidt orthogonalization. This course is available as a directed study course. For more information, consult the Dean of Science.

**Hours:** 56 hrs (3-1T)

**Credits:** 3

## **MATH 331 • Calculus and Linear Algebra**

**Prerequisite:** MATH 204

A brief introduction to linear algebra, this course features calculus of functions of several variables and an introduction to vector analysis. NOTE: Credit is allowed for only one of MATH 331, MATH 353 or AMAT 309. This course is available as a directed study course. For more information, consult the Dean of Science.

**Hours:** 56 hrs (3-1T)

**Credits:** 3

## **MGMT (Management)**

### **MGMT 150 Strategic Communication**

This course provides the learners with the ability to build consensus and communicate insights via a variety of mediums, strategically providing insights to decision-makers.

**Hours:** 42 Hours (5.25-0) 8 wks

**Credits:** 3

### **MGMT 161 • Management Theory**

Focus of this course is on the management functions of planning, organizing, leading and controlling within the context of today's dynamic and changing world. Specific topics include strategic planning, decision making, organizational design, staffing, motivation, and ethics.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### **MGMT 171 • Sustainable Innovation and Entrepreneurship**

**Prerequisites:** SUST 213 or SUST 321 & MKTG 141 or MKTG 241

Thinking innovation and developing a sustainable entrepreneurial and intrapreneurial mindset are critical to thriving in every business environment. This course explores how to identify and capitalize on opportunities and how innovation is needed in organizations.

**Hours:** 42 hrs (3-0)

**Credits:** 3

# MGMT

## **MGMT 181 • Sustainable Operations**

**Prerequisites:** SUST 213 or SUST 321 & FINA 161 or FINA 261

This course explores the foundations of operations management in the context of sustainability. It will provide students with a comprehensive understanding of the core concepts in the field of operations management while integrating emergent, business, social and environmental issues. Students will explore different core concepts as eco-efficiently, supply chain management, quality and process improvement, and lean systems. Concepts such as eco-efficiency, sustainable supply chain management, environmental management systems, and how Corporate Social Responsibility (CSR) can make a significant contribution towards sustainability.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **MGMT 193 • Business Problems Software Applications**

This course is designed to challenge you to think critically and to find effective solutions to realistic business problems. You will use contemporary and integrated software applications including Microsoft Office as the tools to analyze business problems for decision making. The creation of a website and an introduction to Adobe Photoshop CC will be presented.

**Hours:** 70 hrs (0-5)

**Credits:** 4

## **MGMT 220 • Project Management**

Upon completion of this course, students will be able to describe the essential processes, terminology, and issues involved in project management as well as be able to describe strategies and techniques used in effective project management. Students will be able to initiate, plan, execute, monitor and control, and close out the work of a team to achieve specific outcomes. Students will be able to explain the project life cycle, illustrate project management's relationship to the strategic planning and need for business acumen, and describe the essential role of a project manager as a leader of people within complex and evolving situations.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **MGMT 230 • Management Principles for Power Engineers**

Course focuses on three components of management for power engineers. The first component provides an overview of the general elements of management and touches on topics such as planning, decision-making, human resource management, and communications. The second component addresses the management of plant maintenance and covers topics such as preventative and corrective maintenance, scheduling, and plant budgeting. The last section focuses on the processes and management of plant safety.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **MGMT 243 • Human Resource Management**

This course examines a range of topics essential to effective management of human resources in today's organizations. Topics include job analysis, performance appraisal, employee selection, training, compensation, and labour relations.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **MGMT 263 • Organizational Behaviour**

A behavioral approach to the understanding of people who influence the workings of organizations. Topics of study include team dynamics, motivation, communication, leadership, decision-making, and organizational culture.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **MGMT 267 • Leadership Development**

**Prerequisites:** SEMM 267 or MGMT 161 or SEMM 263

The purpose of learning about leaders and leadership is to enable you to become a better leader. This course provides an introduction to leadership styles, skills, processes, and roles. Students will have opportunities to develop their knowledge of and capacity for leadership. Topics include leadership theories and techniques, leadership and followership, teamwork, values, personal needs, behavioral styles, group and individual conflict, and effective communication.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **MGMT 268 • Business Integration**

**Prerequisites:** (ACCT 113 or ACCT 321) & MGMT 161 & completion of 15 College level courses or Permission from the Dean

Business Integration is the study of general management. The general manager's primary responsibility is the direction and performance of an organization as a whole. The pervasive concept in the Business Integration course is that of strategy as a general management tool to guide the survival, growth and profitability of an enterprise. The case analysis approach is used extensively to uncover the social, political, and competitive environments faced by organizations in developing viable strategic choices.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **MGMT 284 • Business Statistics I**

This course introduces descriptive and inferential statistical analysis while emphasizing thinking skills and computer literacy. Topics include descriptive statistics, probability theory, simple random samples, discrete and continuous random variables, the central limit theorem, confidence intervals and hypotheses testing. This course will emphasize the application of statistical analysis to business situations, the understanding of which will be further enhanced through exposure to current statistical computer software.

**Hours:** 56 hrs (4-0)

**Credits:** 3

## **MGMT 285 • Business Statistics II**

**Prerequisite:** MGMT 284

This second level course in applied statistics examines inferential statistical analysis while emphasizing thinking skills and computer literacy. Topics include parametric and nonparametric hypothesis testing procedures. Simple and multiple regression analysis will also be examined and applied to business situations. The understanding of the course material will be further enhanced through exposure to both manual and computerized methods using current statistical computer software.

**Hours:** 56 hrs (4-0)

**Credits:** 3

## **MGMT 290 • Business Administration Work Integrated Learning**

**Prerequisite:** Successful completion of 1 Business Administration course

This experiential learning experience provides students the opportunity to put their field of study and knowledge into practice. Students find a placement with support from the business placement advisor who maintains a roster of placement opportunities and provides students with direction and assistance in the development of resumes and job search techniques. Graded on CR/NC basis.

**Hours:** 120 hrs (0-30P) 4 wks

**Credits:** 3

## **MGMT 326 • Management Information Systems**

**Prerequisite:** ACCT 113 or ACCT 321

This course focuses on the role of information technology in an organization and its application to business problems. Techniques for designing, implementing and managing information systems are presented. Topics covered include hardware and software, file management, database organization, networking and telecommunications, systems development and design, flowcharting, system security, backup and recovery, and artificial intelligence.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **MGMT 330 • Global Business Environment**

An introduction to the field of international business: national economic, political and cultural differences; the issues surrounding globalization; the role of international institutions in facilitating international trade; international trade agreements; the international monetary system; current international business trends and developments. The course will stress Canada's place in the global economy and the challenges Canadian businesses face in doing international business.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **MGMT 336 • Data Analytics**

**Prerequisite:** MGMT 326

This course provides the student with a broad overview of the modern analytics landscape, including the tools and techniques that are successfully utilized by 21st century organizations. Students learn about the history and evolution of Data analytics (DA), Business analytics (BA), and Business Intelligence (BI), from standardized reporting to a flexible, integrated Information Ecosystem that provides modern decision makers with essential, accurate, and timely information. The emphasis of this course centers on the proper deployment and use of DA, BA, and BI techniques and technologies to best meet the information requirements of modern decision makers. An overview of current technology such as DA, BA, and BI tools is also provided, including Data Warehousing, Data Mining, and OLAP.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **MGMT 391 • Global Sustainable Business**

**Prerequisites:** SUST 321 & MKTG 241

This course prepares students for the global challenges that businesses face in the 21st century. The global marketplace now and in the future spans emerging markets, a world connected through technology. It also covers the role of business in addressing global challenges such as poverty and the environment and how to pursue opportunities and confront challenges at an international level.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **MGMT 395 • Business Law**

An analysis of the legal framework of law that establishes the basis for rules of conduct among business people and that influences business policy, this course seeks to develop insight into the functions of the law as a system of social thought and economic development. Course deals with the importance and role of law in society, the legal system of Canada, private property and contract, and legal attitudes toward business. Tort, contract, and law of negotiable instruments are emphasized.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **MGMT 440 • Operations Management**

**Prerequisite:** MGMT 284 or STAT 251

This course is a survey of the decision processes in production and operations management, and the relationship to other business areas. Topics covered include forecasting, product and service design, capacity planning, waiting line models, facility location and layout, process selection, design of work systems, linear optimization, quality inspection and control, life cycle management, inventory management, aggregate planning, material requirements planning, project operations management, and operation scheduling.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **MGMT 433 • Strategic Management**

**Prerequisites:** ACCT 215 & FINA 255 & MGMT 243 & MGMT 263 & MKTG 171

**Prerequisite or Corequisite:** MGMT 440

This capstone course develops the conceptual and applied skills associated with analyzing a competitive situation from a general management point of view. It addresses issues affecting the fundamental direction of the firm, considers the formulation and implementation of strategy, focuses on the extent to which different aspects of the firm fit with key environmental forces, and discusses the organization's ability to leverage its unique core competencies. The course views the organization holistically and, as such, goes beyond the mere integration of specific organizational functions.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **MGMT 443 • Business Plan Development**

**Prerequisites:** ACCT 215 & (MGMT 161 or MGMT 270) & MKTG 171

You will be able to prepare and present a solid business plan for new or existing enterprise. Areas covered will include identifying and assessing opportunities, developing a winning strategy, identifying resource requirements and selling the plan to financing sources.

**Hours:** 42 hrs (3-0)

**Credits:** 3



# MICO - MKTG

## MICO (Microcomputers)

### MICO 191 • Introduction to Microcomputers

This course provides an overview of commercial business software packages, with emphasis on word-processing, spreadsheet, database, and presentation software. Exploration and significance of the internet will also be covered. It is recommended that if you are registering in MICO 191 you have a minimum keyboarding speed of 20 wpm. NOTE: Students cannot receive credit for both MICO 191 and COMP 1103.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## MKTG (Marketing)

### MKTG 170 • Marketing & Social Media Analytics

In this course data analysis tools will be used to analyze marketing problems for different industries, for customer segmentation forecasting or new products to improve customer services and sales and social media analytics.

**Hours:** 42 (5.25-0) 8 wks

**Credits:** 3

### MKTG 171 • Marketing

Introductory look at the concepts and activities involved in the marketing of goods and services. Central to the course is understanding the marketing mix variables of product, pricing, promotion, and distribution. Other topics include consumer behavior, marketing research, and the strategic marketing process. The creation of a marketing plan will also be included.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### MKTG 141 • Sustainable Marketing

This course provides an introductory look at the concepts and activities involved in the marketing of goods and services. Central to the course is understanding the marketing mix variables of product, pricing, promotion, and distribution and their relation to sustainable innovation. Other topics include consumer behavior, marketing research, and the strategic marketing process.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### MKTG 251 • Digital Design for Marketing

**Corequisite:** MKTG 171

This course introduces design fundamentals and principles as they relate to new media in the business and marketing fields. Concepts include graphic design and communication theory, typography, and colour theory as they relate to media such as print, web, and other new media applications.

**Hours:** 56 hrs (1-3)

**Credits:** 3

### MKTG 280 • International Business and Culture

**Prerequisite:** MKTG 171 or permission of the Dean

Designed to provide specific knowledge about particular countries, this course presents an opportunity for an international experience, including the study of the business culture, competitive opportunities and challenges in these locations. Fee approximately 4500 (dependent on destination).

**Hours:** 70 hrs (17.5 - 0) 4 wks

**Credits:** 4

### MKTG 290 • Community Service Project

This community service project plays a significant role in the development of professional expertise in the field of marketing and design. Students will act as consultants to regional businesses supporting their marketing endeavours. Progress will be evaluated through employer and instructor assessments.

**Hours:** 120 (0-30P) 4 wks

**Credits:** 3

### MKTG 315 • Science of Persuasion

**Prerequisite:** MKTG 171

Marketing ultimately hinges on the ability to comprehend human motivation in order to understand the attitudes and behaviours of people and organizations. In this course, students investigate the theory and practice of persuasion, learning to use these concepts to develop persuasive and compelling stories in visual, verbal and written formats.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### MKTG 325 • Evidence-Based Marketing

**Prerequisite:** MKTG 171

This course explores the goals of evidence-based marketing and essential methodologies used to gain insight. Students will have the opportunity to learn how to support effective marketing decisions through focused marketing research and analysis. A key outcome of this course is the initial development of a student's marketing portfolio.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### MKTG 345 • Managing Marketing Relationships

**Prerequisite:** MKTG 171

Business success depends on relationships with diverse groups of people, including customers, employees, shareholders, suppliers, distribution partners, communities and regulators. In this course students will learn to identify, evaluate and prioritize these relationships. This will include areas of study such as social exchange theory, market segmentation and network analysis.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### MKTG 355 • Creating Brand Intelligence

**Prerequisite:** MKTG 171 or ARDE 333

Meaningful marketing campaigns are developed through a trans-disciplinary, rigorous, and creatively-driven process. In this course, students are immersed in the deconstruction, critique and reconstruction of the creative and emotional potential of existing marketing assets. Using Brand Intelligence tools and techniques, students then reframe, redesign, rewrite and develop new narrative elements for extraordinary advertising and promotion campaigns.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **MKTG 358 • Navigating Marketing Trends**

**Prerequisite:** MKTG 325

The marketer's ability to understand complex issues today and anticipate change in the future drives competitive advantage. In this course, students will learn to determine the relevant contextual variables that impact strategy, such as the size and culture of the business, the nature of the industry, the competitive dynamics, and the relevant political, legal, social and technological trends.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **MUHL (Music History and Literature)**

### **MUHL 209 • Music Past and Present**

Directed listening to and study of important music of the past and present. Course is intended for non-majors.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### **MUHL 211 • Music and the Humanities**

Study of the interrelationship of music and the humanities in a broad cultural and historical framework. Course is intended for non-majors.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **MUPF (Music Performance)**

### **MUPF 201 • Chamber Choir I**

**Prerequisite:** Successful audition

Performance experience in the Chamber Choir

**Hours:** 42 hrs (0-3A)

**Credits:** 1.5

### **MUPF 202 • Chamber Choir I**

**Prerequisite:** Successful audition

Performance experience in the Chamber Choir

**Hours:** 42 hrs (0-3A)

**Credits:** 1.5

### **MUPF 215 • Orchestra**

**Prerequisite:** Successful audition

Performance experience in the Orchestra.

**Hours:** 42 hrs (0-3A)

**Credits:** 1.5

### **MUPF 216 • Orchestra**

**Prerequisite:** Successful audition

Performance experience in the Orchestra

**Hours:** 42 hrs (0-3A)

**Credits:** 1.5

## **NETW (Networking)**

### **NETW 200 • Enterprise Networking**

**Prerequisite:** ITEC 170

This course builds on the fundamental concepts learned in ITEC 170, focusing on the use of Cisco-based networking devices to implement

small and medium-sized local area networks (LANs) and wide area networks (WANs). Students will learn how to configure, test, and troubleshoot LAN switching, inter-LAN routing, and wireless LAN connections. They will gain hands-on experience configuring LAN switches, office routers, and multi-layer switches on real hardware. The course includes managing media access control and routing tables, as well as configuring various routing protocols.

**Hours:** 84 hrs (2-4)

**Credits:** 4

### **NETW 220 • Microsoft Server Technologies**

**Prerequisite:** ITEC 170

This course focuses on the implementation, deployment, and support of contemporary Microsoft client and server network operating systems. Emphasis is placed on understanding and applying technologies such as Dynamic Host Configuration Protocol (DHCP), Domain Name System (DNS), Microsoft Hyper-V, Microsoft PowerShell, and foundational Microsoft SQL concepts. The course delves into leveraging PowerShell to automate and streamline processes within the context of the aforementioned technologies. Students will gain practical knowledge and skills for efficient management and administration of Microsoft network environments.

**Hours:** 84 hrs (2-4)

**Credits:** 4

### **NETW 222 • Advanced Microsoft Server Technologies**

**Prerequisite:** NETW 220

This course delves into advanced server management topics, focusing on essential tools and technologies in the Microsoft ecosystem. Students will explore Windows Server Update Services (WSUS), Microsoft System Center Virtual Machine Manager (SCVMM), remote management of Microsoft infrastructure, and performance monitoring and auditing. Additionally, the course covers advanced configurations of critical network infrastructure services, including DNS, DHCP, and group policy. Practical applications and industry-standard processes will be a key focus throughout the course.

**Hours:** 84 hrs (2-4)

**Credits:** 4

### **NETW 290 • Network Administration**

**Prerequisite:** ITEC 170

Focusing on account and resource management in a Windows Server environment, this course covers topics such as appropriate and efficient creation and management of users, computers, groups and organizational units in Active Directory Domains. Students will learn how to effectively control access and permissions on the files, folders and printers, and configure group policy for network management and security.

**Hours:** 84 hrs (2-4)

**Credits:** 4

## **NRSNG (Nursing)**

### **NRSNG 201 • Introduction to Nursing**

Theory course that introduces students to the ways of knowing, history of nursing, nursing identity, and diverse contexts for nursing practice.

**Hours:** 36 hrs (3-0) 12 weeks

**Credits:** 3

## **NRSNG 202 • Indigenous Health Studies**

Theory course designed to enhance awareness of and relationship to Indigenous ways of knowing, being, doing, and connecting. Develop foundational knowledge of the ongoing impacts of colonial violence, structures, and systems that influence Indigenous peoples' health in Canada.

**Hours:** 36 hrs (3-0) 12 weeks

**Credits:** 3

## **NRSNG 305 • Microbiology and Biochemistry**

**Prerequisite:** Admission to the Bachelor of Science in Nursing

**Corequisite(s):** NRSNG 320, NRSNG 321, NRSNG 350, NRSNG 351

Theory course that applies biochemistry to defined health problems and establishes the foundations of microbiology and biochemistry for nursing practice.

**Hours:** 36 hrs (3-0) 12 weeks

**Credits:** 3

## **NRSNG 310 • Foundations of Relationship**

**Prerequisite:** Admission to the Bachelor of Science in Nursing

**Corequisite(s):** NRSNG 305, NRSNG 320, NRSNG 321, NRSNG 350, NRSNG 351

Theory course that introduces students to foundational concepts associated with the practice of registered nurses including caring science and caring practice, the scope of professional practice, professional communication, reflective practice, introduction to ethics, compassion, foundations of nursing knowledge, introduction to the nursing process & assessment, foundations of patient as partner, family centred care/ family nursing, practicing amid difference and managing complexity.

**Hours:** 36 hrs (3-0) 12 weeks

**Credits:** 3

## **NRSNG 320 • Care of the Aging Adult**

**Prerequisite:** Admission to the Bachelor of Science in Nursing

**Corequisite(s):** NRSNG 305, NRSNG 310, NRSNG 321, NRSNG 350, NRSNG 351

Theory course that introduces students to the relationship between health and aging, the physiology of aging, and care of the aging adult.

**Hours:** 18 hrs (1.5-0) 6 weeks

**Credits:** 1.5

## **NRSNG 321 • Care in the Community**

**Prerequisite:** Admission to the Bachelor of Science in Nursing

**Corequisite(s):** NRSNG 305, NRSNG 310, NRSNG 320, NRSNG 350, NRSNG 351

Theory course that introduces students to population health trends and health promotion practices.

**Hours:** 18 hrs (1.5-0) 6 weeks

**Credits:** 1.5

## **NRSNG 330 • Nursing Amid Complexity**

**Prerequisite:** Admission to the Bachelor of Science in Nursing

**Corequisite(s):** NRSNG 331, NRSNG 332, NRSNG 352

Theory course that explores the multidimensional influences on health.

**Hours:** 36 hrs (3-0) 12 weeks

**Credits:** 3

## **NRSNG 331 • Pathophysiology 1**

**Prerequisite:** Admission to the Bachelor of Science in Nursing

**Corequisite(s):** NRSNG 331, NRSNG 332, NRSNG 352

Theory course that builds upon knowledge acquired in Anatomy and Physiology 1 and 2. First in a sequence of three pathophysiology courses that cover processes associated with disease or injury.

**Hours:** 36 hrs (3-0) 12 weeks

**Credits:** 3

## **NRSNG 332 • Pharmacology 1**

**Prerequisite:** Admission to the Bachelor of Science in Nursing

**Corequisite(s):** NRSNG 330, NRSNG 331, NRSNG 352

Theory course that introduces students to pharmacokinetics and pharmacodynamics.

**Hours:** 36 hrs (3-0) 12 weeks

**Credits:** 3

## **NRSNG 350 • Care of the Aging Adult Practicum**

**Prerequisite:** Admission to the Bachelor of Science in Nursing

**Corequisite(s):** NRSNG 305, NRSNG 310, NRSNG 320, NRSNG 321, NRSNG 351

Practicum course with a focus on care of the aging adult in continuing care. Experiential learning for care of aging adults. Introduction to nursing interventions pertinent to this patient population. Graded on a CR (Pass)/NC (Fail) basis. .

**Hours:** 114 hrs, 6 weeks

**Credits:** 3

## **NRSNG 351 • Health Promotion Practicum**

**Prerequisite:** Admission to the Bachelor of Science in Nursing

**Corequisite(s):** NRSNG 305, NRSNG 310, NRSNG 320, NRSNG 321, NRSNG 350

Practicum course exploring care in the context of community with a focus on the adult population. Students undertake practicum learning in a variety of community adult placements. Experiential learning that introduces students to assessments and interventions pertinent to professional nursing practice and community-based care. Graded on a CR (Pass)/NC (Fail) basis.

**Hours:** 114 hrs 6 weeks

**Credits:** 3

## **NRSNG 352 • Acute Care Nursing 1**

**Prerequisites:** Admission to the Bachelor of Science in Nursing

**Corequisite(s):** NRSNG 330, NRSNG 331, NRSNG 332

Practicum course that introduces students to the context of acute care, with a focus on tertiary care of the adult population. Experiential learning that focuses on building students' ability to conduct assessment. Introduction to nursing process, developing clinical reasoning, and skills pertinent to practice in an acute care context.

**Hours:** 228 hours

**Credits:** 6 credits

## **NRSNG 353 • Acute Care Nursing 1**

**Corequisite(s):** NRSNG 330, NRSNG 331, NRSNG 332

Practicum course that introduces students to the context of acute care, with a focus on tertiary care of the adult population. Experiential learning that focuses on building students' ability to conduct assessment. Introduction to nursing process, developing clinical reasoning, and skills pertinent to practice in an acute care context. Graded on a CR (Pass)/NC (Fail) basis.

**Hours:** 228 hrs

**Credits:** 6

## **NRSG 401 • Evidence-Informed Nursing**

**Corequisite(s):** NRSG 430, NRSG 450

Theory course that supports students to explore forms of evidence for nursing practice with a focus on evidence appraisal and utilization. Introduction to qualitative and quantitative research methods, knowledge translation, and knowledge mobilization in nursing and healthcare. *Third and Fourth Years of the Nursing program are University of Calgary courses. The numbering system is based upon the guidelines of this institution. You must register through the University of Calgary – fees are charged by the University of Calgary.*

**Hours:** 36 hrs (3-0) 12 weeks

**Credits:** 3

## **NRSG 410 • Nursing as Ethical Practice**

**Corequisite(s):** NRSG 530

Theory course that introduces students to foundational theory for nursing practice. Focus on health law and ethics, the code of ethics for registered nurses, principles of and practices associated with patient advocacy. *Third and Fourth Years of the Nursing program are University of Calgary courses. The numbering system is based upon the guidelines of this institution. You must register through the University of Calgary – fees are charged by the University of Calgary.*

**Hours:** 36 hrs (3-0) 12 weeks

**Credits:** 3

## **NRSG 420 • Health through Collaboration**

Theory course that offers students an opportunity to collaborate with others to advance health. *Third and Fourth Years of the Nursing program are University of Calgary courses. The numbering system is based upon the guidelines of this institution. You must register through the University of Calgary – fees are charged by the University of Calgary.*

**Hours:** 18 hrs (1.5-0)

**Credits:** 1.5

## **NRSG 421 • Mental Health and Illness**

Theory course that introduces students to the care of patients who experience mental illness. *Third and Fourth Years of the Nursing program are University of Calgary courses. The numbering system is based upon the guidelines of this institution. You must register through the University of Calgary – fees are charged by the University of Calgary.*

**Hours:** 18 hrs

**Credits:** 1.5 credits

## **NRSG 430 • Pharmacology 2**

**Corequisite(s):** NRSG 401, NRSG 450

Theory course that builds upon Pharmacology I to develop students' understanding of pharmacokinetics and pharmacodynamics. *Third and Fourth Years of the Nursing program are University of Calgary courses. The numbering system is based upon the guidelines of this institution. You must register through the University of Calgary – fees are charged by the University of Calgary.*

**Hours:** 36 hrs (3-0) 12 weeks

**Credits:** 3

## **NRSG 450 • Consolidated Practicum**

**Corequisite(s):** NRSG 401, NRSG 430

Practicum course that introduces students to the context of acute care, with a focus on tertiary care of the adult population. Experiential learning that supports students to consolidate their development in assessment, intervention, skill development, and developing clinical reasoning abilities. Graded on a CR (Pass)/NC (Fail) basis. *Third*

*and Fourth Years of the Nursing program are University of Calgary courses. The numbering system is based upon the guidelines of this institution. You must register through the University of Calgary – fees are charged by the University of Calgary.*

**Hours:** 228 hours, 12 Weeks

**Credits:** 6

## **NRSG 501 • Nursing Leadership**

**Corequisite(s):** NRSG 531

Theory course that explores the knowledge, characteristics, and practices associated with nursing leadership in healthcare systems. *Third and Fourth Years of the Nursing program are University of Calgary courses. The numbering system is based upon the guidelines of this institution. You must register through the University of Calgary – fees are charged by the University of Calgary.*

**Hours:** 36 hrs (3-0), 12 weeks

**Credits:** 3

## **NRSG 510 • Resilience in Practice**

**Prerequisites:** Admission to the Bachelor of Science in Nursing

**Corequisite(s):** NRSG 560

Theory course that prepares students for the transition to professional practice. Strategies for addressing moral and ethical challenges of practice; role and transition shock; working and learning within a preceptorship model; identifying and meeting ongoing learning and support needs; supporting and mentoring others. *Third and Fourth Years of the Nursing program are University of Calgary courses. The numbering system is based upon the guidelines of this institution. You must register through the University of Calgary – fees are charged by the University of Calgary.*

**Hours:** 36 hours (3-0), 12 weeks

**Credits:** 3

## **NRSG 520 • Care in Perinatal**

Theory course with a focus on nursing practice with maternal and newborn populations. Includes content associated with maternal care, perinatal care, and postpartum. *Third and Fourth Years of the Nursing program are University of Calgary courses. The numbering system is based upon the guidelines of this institution. You must register through the University of Calgary – fees are charged by the University of Calgary.*

**Hours:** 18 hrs 6 weeks

**Credits:** 1.5

## **NRSG • 521 Care in Pediatrics**

Theory course with a focus on care of the pediatric population. Includes content associated with pediatric health and illness, the relationship between human development, brain, behaviour, and health. *Third and Fourth Years of the Nursing program are University of Calgary courses. The numbering system is based upon the guidelines of this institution. You must register through the University of Calgary – fees are charged by the University of Calgary.*

**Hours:** 18 hrs 6 weeks

**Credits:** 1.5

# NRSG - NURS

## **NRSG 530 • Pathophysiology 2**

### **Corequisite(s): NRSG 410**

Second of three courses that builds on students understanding of pathophysiology as it informs nursing care. *Third and Fourth Years of the Nursing program are University of Calgary courses. The numbering system is based upon the guidelines of this institution. You must register through the University of Calgary – fees are charged by the University of Calgary.*

**Hours:** 36 hrs (3-0) 12 weeks

**Credits:** 3

## **NRSG 531 • Pathophysiology 3**

### **Corequisite(s): NRSG 501**

Third of three courses that builds on students' understanding of pathophysiology as it informs nursing care. *Third and Fourth Years of the Nursing program are University of Calgary courses. The numbering system is based upon the guidelines of this institution. You must register through the University of Calgary – fees are charged by the University of Calgary.*

**Hours:** 36 hrs (3-0) 12 weeks

**Credits:** 3

## **NRSG 550 • Acute Care Nursing 2**

Practicum course that builds on students' knowledge, skills, and attributes to care for adult patients in the context of tertiary care. Experiential learning that builds upon knowledge and skills associated with nursing practice with adults in acute care. Graded on a CR (Pass)/NC (Fail) basis. *Third and Fourth Years of the Nursing program are University of Calgary courses. The numbering system is based upon the guidelines of this institution. You must register through the University of Calgary – fees are charged by the University of Calgary.*

**Hours:** 114 hrs, 6 weeks

**Credits:** 3

## **NRSG 551 • Mental Health Practicum**

Practicum course that introduces students to nursing practice with people experiencing mental illness in tertiary and community contexts. Experiential learning introducing knowledge and skills for nursing practice with people who experience mental illness. Graded on a CR (Pass)/NC (Fail) basis. *Third and Fourth Years of the Nursing program are University of Calgary courses. The numbering system is based upon the guidelines of this institution. You must register through the University of Calgary – fees are charged by the University of Calgary.*

**Hours:** 114 hrs, 6 weeks

**Credits:** 3

## **NRSG • 552 Care in Pediatrics Practicum**

Practicum course with a focus on nursing practice in perinatal, labour and delivery, and postpartum contexts. Experiential learning introducing knowledge and skills for nursing practice with maternal and newborn populations. Graded on a CR (Pass)/NC (Fail) basis. *Third and Fourth Years of the Nursing program are University of Calgary courses. The numbering system is based upon the guidelines of this institution. You must register through the University of Calgary – fees are charged by the University of Calgary.*

**Hours:** 114 hrs, 6 weeks

**Credits:** 3

## **NRSG 553 • Care in Perinatal Practicum**

### **Prerequisite: Admission to the Bachelor of Science in Nursing**

Practicum course that supports student learning in acute care and community pediatrics. Experiential learning introducing knowledge and skills for nursing practice with pediatric populations. Graded on a CR (Pass)/NC (Fail) basis. *Third and Fourth Years of the Nursing program are University of Calgary courses. The numbering system is based upon the guidelines of this institution. You must register through the University of Calgary – fees are charged by the University of Calgary.*

**Hours:** 114 hrs, 6 weeks

**Credits:** 3

## **NRSG 560 • Final Preceptorship**

### **Prerequisite: Admission to the Bachelor of Science in Nursing**

### **Corequisite: NRSG 510**

Preceptored practicum course that prepares students for entry to practice through supporting consolidation, integration, and application of students' nursing knowledge, skills, and attributes. Opportunity to refine and enact complex communication and relationship building skills, high-level assessment and clinical reasoning, nursing care planning, implementation, and evaluation. Graded on a CR (Pass)/NC (Fail) basis. *Third and Fourth Years of the Nursing program are University of Calgary courses. The numbering system is based upon the guidelines of this institution. You must register through the University of Calgary – fees are charged by the University of Calgary.*

**Hours:** 350 hrs, 12 weeks

**Credits:** 12

## **NURS (Nursing)**

### **NURS 285 • The Discipline and Profession of Nursing I:**

#### **Foundational Professional Concepts**

#### **Corequisites: NURS 287 & NURS 288 & NURS 289**

The study of concepts foundational to the profession and discipline of nursing. Exploration of concepts of complexity, transition, social justice, ethics of caring, health promotion and principles of population health. Emphasis on understanding the social commitments and contributions made by nursing within its professional scope of practice. An overview of the Canadian health care system.

**Hours:** 36 hrs (3-0) 12 wks

**Credits:** 3

### **NURS 287 • The Science of Health I: Communities and**

#### **Populations**

#### **Corequisite: NURS 285 & NURS 288 & NURS 289**

Determinants of health, health indices, principles and methods of epidemiology, and population-based health management are emphasized. Conduct of health surveys and use of population-based health data to identify health risk are addressed. Integration of concepts of microbiology and risk elevation related to ages and stages of the lifespan. Basic tenets of the meaning of evidence-based practice will be introduced.

**Hours:** 36 hrs (3-0) 12 wks

**Credits:** 3

**NURS 288 • Supporting Health I: Communities and Populations**

**Corequisite:** NURS 285 & NURS 287 & NURS 289

Focus on a broad understanding of health and the basic frameworks and principles of population health promotion, primary health care and upstream thinking. Explores how health can be created and supported in a society. Emphasis on developing communication and relationship building skills to work effectively in a group or a team. Strategies to assess protect and promote the health of groups and communities.

**Hours:** 36 hrs (3-0) 12 wks

**Credits:** 3

**NURS 289 • Integrating Nursing Roles and Practices I: Learning, Praxis and Scholarship in the Practicum Setting**

**Prerequisite:** CPR Basic Cardiac Life Support

**Corequisite:** NURS 285 & NURS 287 & NURS 288

Integration and application of theoretic knowledge in simulated and nursing practice settings. Develop skills and competencies in nursing of groups, communities, and populations within a collaborative practice model. Graded on a CR (Pass)/NC (Fail) basis.

**Hours:** 228 hrs

**Credits:** 6

**NURS 385 • The Discipline and Profession of Nursing II: Inter-Professional Practice and Professional Accountability**

**Prerequisite:** NURS 285 & NURS 287 & NURS 288 & NURS 289

**Corequisites:** NURS 387 & NURS 388 & NURS 389

Concepts of inter-professional practice and its core competencies are introduced. Examination of the contributions of nursing and nursing sensitive outcomes. Full scope nursing roles on intra professional and inter professional teams are explored, in particular as pertains to the complex health care needs of families in transition and at risk. Of primary focus is exploration of the scholarly and research foundations of the profession as the basis of the professional role of a Registered Nurse.

**Hours:** 36 hrs (3-0) 12 wks

**Credits:** 3

**NURS 387 • The Science of Health II: Families in Transition**

**Prerequisite:** NURS 285 & NURS 287 & NURS 288 & NURS 289

**Corequisites:** NURS 385 & NURS 388 & NURS 389

Holistic models addressing bio/psycho/social/spiritual/cultural dimensions of family health processes are addressed. Focus on the epidemiological, physiological, pathology, and mental health knowledge that underlies the assessments of key family transitional periods. Young and senior families are highlighted.

**Hours:** 36 hrs (3-0) 12 wks

**Credits:** 3

**NURS 388 • Supporting Health II: Families in Transition**

**Prerequisites:** NURS 285 & NURS 287 & NURS 288 & NURS 289

**Corequisites:** NURS 385 & NURS 387 & NURS 389

Focus on how health, inclusive of mental health and wellness, is created and supported in families. The study of how health can be enhanced or compromised in important transition periods across the lifespan - from young to senior families. Examination of the manner in which nursing practice and health education serve to enhance family health.

**Hours:** 36 hrs (3-0) 12 wks

**Credits:** 3

**NURS 389 • Integrating Nursing Roles and Practices II: Learning, Praxis and Scholarship in the Practicum Setting**

**Prerequisites:** NURS 285 & NURS 287 & NURS 288 & NURS 289

**& Current CPR Basic Cardiac Life Support**

**Corequisites:** NURS 385 & NURS 387 & NURS 388

Integration and application of theoretic knowledge in simulated and nursing practice settings. Develop skills and competencies in nursing families in transitional periods across the lifespan. Focus on optimizing family health and functioning while mitigating health risks to family members. Graded on a CR (Pass)/NC (Fail) basis.

**Hours:** 228 hrs

**Credits:** 6

**NURS 485 • The Discipline and Profession of Nursing III: Furthering Inquiry and Scholarship in Nursing**

**Prerequisites:** NURS 385 & NURS 387 & NURS 388 & NURS 389

**Corequisites:** NURS 487 & NURS 488 & NURS 489

Focus on strategies for the development of evidence-informed nursing practice. Examination of strategies to critique and facilitate the use of evidence for practice. Introduction to basic quantitative and qualitative methods used in nursing research. *Third and Fourth Years of the Nursing program are University of Calgary courses. The numbering system is based upon the guidelines of this institution. You must register through the University of Calgary - fees are charged by the University of Calgary.*

**Hours:** 36 hrs (3-0) 12 wks

**NURS 487 • The Science of Health III: People Experiencing Life Threatening Health Challenges**

**Prerequisites:** NURS 385 & NURS 387 & NURS 388 & NURS 389

**Corequisites:** NURS 485 & NURS 488 & NURS 489

Theoretic understanding of the holistic experience of acuity and life-threat for individuals and families is presented. Epidemiology, pathophysiology, diagnostic studies, complex physical and other nursing assessments relevant to common life-threatening health challenges, including mental health disorders. *Third and Fourth Years of the Nursing program are University of Calgary courses. The numbering system is based upon the guidelines of this institution. You must register through the University of Calgary - fees are charged by the University of Calgary.*

**Hours:** 36 hrs (3-0) 12 wks

# NURS

## **NURS 488 • Supporting Health III: People with Life-Threatening Health Challenges**

**Prerequisites:** NURS 385 & NURS 387 & NURS 388 & NURS 389  
**Corequisites:** NURS 485 & NURS 487 & NURS 489

Addresses nursing practices in acute unstable illness, injury and disease. The study of application of nursing assessments, technological interventions and best evidence nursing practices in common major acute illnesses in individuals of all age groups, set within the context of their families and communities. Emphasis is on attaining knowledge of secondary and tertiary prevention strategies. Pharmacological applications to major acute disease conditions. *Third and Fourth Years of the Nursing program are University of Calgary courses. The numbering system is based upon the guidelines of this institution. You must register through the University of Calgary - fees are charged by the University of Calgary.*

**Hours:** 36 hrs (3-0) 12 wks

## **NURS 489 • Integrating Nursing Roles and Practices III: Learning, Praxis and Scholarship in the Practicum Setting**

**Prerequisites:** NURS 385 & NURS 387 & NURS 388 & NURS 389  
**& Current CPR Basic Cardiac Life Support**  
**Corequisites:** NURS 485 & NURS 487 & NURS 488

Integration and application of theoretic knowledge in simulated and nursing practice settings. The focus in this course is nursing care of clients and families experiencing life-threatening health challenges. Development of skills of complex communication and relationship building, high-level assessment and clinical reasoning, and nursing care planning and implementation. Graded on a CR (Pass)/NC (Fail) basis. *Third and Fourth Years of the Nursing program are University of Calgary courses. The numbering system is based upon the guidelines of this institution. You must register through the University of Calgary - fees are charged by the University of Calgary.*

**Hours:** 228 hrs

## **NURS 495 • The Discipline and Profession of Nursing IV: Understanding the Challenges of Leadership and Systems of Care**

**Prerequisites:** NURS 485 & NURS 487 & NURS 488 & NURS 489  
**Corequisites:** NURS 497 & NURS 498 & NURS 499

This course explores knowledge related to the current health care system, systems of care responsive to the needs of clients with chronic health disruptions, and nursing roles of leadership and delegation. Evidence examining the efficacy of systems of care and the efficacy of nursing roles, practices, and contributions are highlighted. Examination of selected approaches to nursing research. *Third and Fourth Years of the Nursing program are University of Calgary courses. The numbering system is based upon the guidelines of this institution. You must register through the University of Calgary - fees are charged by the University of Calgary.*

**Hours:** 36 hrs (3-0) 12 wks

## **NURS 497 • The Science of Health IV: People Experiencing Chronic Health Challenges**

**Prerequisites:** NURS 485 & NURS 487 & NURS 488 & NURS 489  
**Corequisites:** NURS 495 & NURS 498 & NURS 499

Experience of living with chronic health challenges, including common complications. Epidemiology, pathophysiology, diagnostic studies, complex physical and other nursing assessments relevant to common chronic health challenges, including mental health disorders. A holistic perspective is taken to examine the challenges of ongoing health management faced by populations of chronically ill individuals and their families. *Third and Fourth Years of the Nursing program are University of Calgary courses. The numbering system is based upon the guidelines of this institution. You must register through the University of Calgary - fees are charged by the University of Calgary.*

**Hours:** 36 hrs (3-0) 12 wks

## **NURS 498 • Supporting Health IV: People With Chronic Health Challenges**

**Prerequisites:** NURS 485 & NURS 487 & NURS 488 & NURS 489  
**Corequisites:** NURS 495 & NURS 497 & NURS 499

Nursing practices in caring for the chronically ill. A focus on practices to achieve healthful transitions and preservation of quality of life are emphasized. Common treatment modalities are presented including nursing therapeutics and pharmacological approaches to management of common chronic diseases. Tertiary prevention is emphasized and concepts and approaches to ongoing health assessment, health education, self-management, harm reduction, support, restoration, and palliation are addressed. *Third and Fourth Years of the Nursing program are University of Calgary courses. The numbering system is based upon the guidelines of this institution. You must register through the University of Calgary - fees are charged by the University of Calgary.*

**Hours:** 36 hrs (3-0) 12 wks

## **NURS 499 • Integrating Nursing Roles and Practices IV: Learning, Praxis and Scholarship in the Practicum Setting**

**Prerequisites:** NURS 485 & NURS 487 & NURS 488 & NURS 489  
**& Current CPR Basic Cardiac Life Support**  
**Corequisites:** NURS 495 & NURS 497 & NURS 498

Integration and application of theoretic knowledge in simulated and nursing practice settings. Long-term nursing care of individuals, families and populations with chronic health challenges. Implementation of effective therapeutic relationships, complex assessments, reasoned clinical decision-making, client and family health education, client self-management and collaborative practice models. Graded on a CR (Pass)/NC (Fail) basis. *Third and Fourth Years of the Nursing program are University of Calgary courses. The numbering system is based upon the guidelines of this institution. You must register through the University of Calgary - fees are charged by the University of Calgary.*

**Hours:** 228 hrs

## **NURS 541 • Using Research in Nursing Practice: Moving Evidence to Action**

**Prerequisites:** NURS 495 & NURS 497 & NURS 498 & NURS 499  
**Corequisites:** NURS 585 & NURS 589, plus three of NURS 544, NURS 545, NURS 546, NURS 547, NURS 549, NURS 551

Focus on implementation of evidence-informed practice in the clinical practice setting. Builds on previous course work and leads to examining strategies to become a change agent and creating a culture conducive to engaging in evidence-informed practice. *Third and Fourth Years of the Nursing program are University of Calgary*

courses. The numbering system is based upon the guidelines of this institution. You must register through the University of Calgary - fees are charged by the University of Calgary. NOTE: Students cannot receive credit for both NURS 541 and NURS 503.41.

**Hours:** 36 hrs (3-0) 12 wks

## **NURS 546 • Older Adult Nursing: Managing Complexity**

**Prerequisites:** NURS 495 & NURS 497 & NURS 498 & NURS 499

**Corequisites:** NURS 585 & NURS 589, plus three of NURS 517, NURS 541, NURS 550, NURS 552, NURS 553

Develop the reasoning, knowledge and skills required to respond to the unique presentation of acute illness in older adults. The demystification of popular aging beliefs and related care practices offers students the opportunity to develop care that combines theory, best practice, research and experience in caring for individuals impacted by acute health crises as they age. *Third and Fourth Years of the Nursing program are University of Calgary courses. The numbering system is based upon the guidelines of this institution. You must register through the University of Calgary - fees are charged by the University of Calgary.* NOTE: Students cannot receive credit for both NURS 546 and NURS 503.46.

**Hours:** 36 hrs (3-0) 12 wks

## **NURS 547 • Perinatal Nursing Care: Emerging Trends and Issues**

**Prerequisites:** NURS 495 & NURS 497 & NURS 498 & NURS 499

**Corequisites:** NURS 585 & NURS 589, plus three of NURS 517, NURS 541, NURS 550, NURS 552, NURS 553

Maternity and infant health is examined within the context of the family. The role of family centered nursing addressing wellness patterns and alterations in perinatal family health will be investigated from a multi-setting, multicultural and holistic perspective. Current perinatal trends will be addressed. *Third and Fourth Years of the Nursing program are University of Calgary courses. The numbering system is based upon the guidelines of this institution. You must register through the University of Calgary - fees are charged by the University of Calgary.* NOTE: Students cannot receive credit for both NURS 547 and NURS 503.47.

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**Hours:** 36 hrs (3-0) 12 wks

## **NURS 549 • Addictions and Mental Health Care**

**Prerequisites:** NURS 495 & NURS 497 & NURS 498 & NURS 499

**Corequisites:** NURS 585 & NURS 589, plus three of NURS 517, NURS 541, NURS 550, NURS 552, NURS 553

Re-conceptualizing mental health and addictions across the lifespan to prevent illness, and strengthen lifelong health and wellbeing. Critical analysis focuses on the ecological, socio-cultural, political, and complex health and illness situations with a view to furthering social justice. Core concepts include risk and resilience, brain plasticity, intergenerational transmission, cumulative burden, mental illness and addictions. Comprehensive assessment, intervention and prevention are highlighted with a view to leadership in practice. *Third and Fourth Years of the Nursing program are University of Calgary courses. The numbering system is based upon the guidelines of this institution. You must register through the University of Calgary - fees are charged by the University of Calgary.* NOTE: Students cannot receive credit for both NURS 549 and NURS 503.49.

**Hours:** 36 hrs (3-0) 12 wks

## **NURS 551 • Rural Health**

**Prerequisites:** NURS 495 & NURS 497 & NURS 498 & NURS 499  
**Corequisites:** NURS 585 & NURS 589, plus three of NURS 517, NURS 541, NURS 550, NURS 552, NURS 553

Using a social determinant of health perspective, an examination and solutions to health, health care beliefs, and health care challenges of people living in rural communities, as well as the strengths of rural communities. An exploration of the implications for rural health care theory, practice, education, ethics and research as well as geographical, historical, sociocultural, economic, and political variables that affect health. Multidisciplinary and international content and nursing practice experience in rural settings will also be explored. *Third and Fourth Years of the Nursing program are University of Calgary courses. The numbering system is based upon the guidelines of this institution. You must register through the University of Calgary - fees are charged by the University of Calgary.* NOTE: Students cannot receive credit for both NURS 551 and NURS 503.51.

**Hours:** 36 hrs (3-0) 12 wks

## **NURS 553 • Quality Care Practices: System and Patient Safety**

**Prerequisites:** NURS 495 & NURS 497 & NURS 498 & NURS 499

**Corequisites:** NURS 585 & NURS 589, plus three of NURS 544, NURS 545, NURS 546, NURS 547, NURS 549, NURS 551

Building on knowledge of nursing and interdisciplinary practice specifically in the context of the provision of safe, quality health care. The changing focus from the individual nurse/patient to the larger health care system in relationship to safe, quality care. Integration of new concepts as they relate to a system approach to patient/client safety. *Third and Fourth Years of the Nursing program are University of Calgary courses. The numbering system is based upon the guidelines of this institution. You must register through the University of Calgary - fees are charged by the University of Calgary.* NOTE: Students cannot receive credit for both NURS 553 and NURS 503.43.

**Hours:** 36 hrs (3-0) 12 wks

## **NURS 585 • The Discipline and Profession of Nursing V: Preparing for Professional Role Transition**

**Prerequisites:** NURS 495 & NURS 497 & NURS 498 & NURS 499

**Corequisites:** NURS 589 & two senior nursing course options

This course focuses on the integration of senior students into the environment of professional nursing practice with an evidence-informed emphasis on the essentials of leadership, relational and practice ethics, effective inter and intra-professional collaboration, communication and conflict management for the purpose of facilitating a healthy transition to the role of a new graduate professional nurse within a contemporary health-care climate. *Third and Fourth Years of the Nursing program are University of Calgary courses. The numbering system is based upon the guidelines of this institution. You must register through the University of Calgary - fees are charged by the University of Calgary.*

**Hours:** 36 hrs (3-0) 12 wks

## **NURS 589 • Integrating Nursing Roles and Practices V: Learning, Praxis and Scholarship in the Practicum Setting**

**Prerequisites:** NURS 495 & NURS 497 & NURS 498 & NURS 499

**Corequisites:** NURS 585 & two senior nursing course options

This focused clinical experience, supported by two corequisite substantive nursing option theory courses, is aimed at refining critical thinking and competent use of theoretic frameworks and evidence to support clinical reasoning processes including: comprehensive



# NURS - PARA

assessment, holistic analysis and interpretation of client data, and competence and confidence in clinical decision-making. Students will choose a focused area of nursing practice. *Third and Fourth Years of the Nursing program are University of Calgary courses. The numbering system is based upon the guidelines of this institution. You must register through the University of Calgary - fees are charged by the University of Calgary.*

**Hours:** 228 hrs

## **NURS 599 • Integrating Nursing Roles and Practices VI: Transition to Nursing Practice**

**Prerequisites:** NURS 585 & NURS 589 & Current CPR Basic Cardiac Life Support

Synthesis, application and further acquisition of knowledge, skills, and attitudes in a selected nursing practice setting. Emphasis on complexity of nursing care with clients (individuals, families, and/or aggregates). Selection of focus area will be made through consultation with faculty. Graded on a CR (Pass)/NC (Fail) basis. *Third and Fourth Years of the Nursing program are University of Calgary courses. The numbering system is based upon the guidelines of this institution. You must register through the University of Calgary - fees are charged by the University of Calgary.*

**Hours:** 418 hrs

## **NUTR (Nutrition)**

### **NUTR 200 • Introduction to Nutrition**

An introductory course designed to provide students with a basic understanding of the role of nutrition in health, disease & fitness. The course will cover both fundamental nutrition principles and practical applications. Current topics in the field will be examined critically. The overall goal of this course is to gain an understanding of individual nutrition needs as well as those of specialized populations. NOTE: Students cannot receive credit for both NUTR 200 and HPED 2507.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **OCTA (Occupational Therapist Assistant)**

### **OCTA 215 • OTA Therapeutic Processes I**

**Prerequisite:** A minimum of a C grade in OPTA 212

This course provides an introduction to occupational therapy as well as the role and skills required of an Occupational Therapist Assistant. Topics include the components and interventions related to the understanding and application of physical, cognitive, and affective/ psychosocial elements of the person and the occupation of self-care. In-person lab attendance at Medicine Hat College or an affiliated site is required.

**Hours:** 84 hrs (3-3)

**Credits:** 4

### **OCTA 216 • OTA Therapeutic Processes II**

**Prerequisite:** A minimum of a C grade in OPTA 212

This course provides and advanced study of components and interventions related to the occupations of productivity and play & leisure with the goal of increasing the knowledge and skills required of an Occupational Therapist Assistant. Topics include assistive technology, joint protection, energy conservation, splinting and wheelchairs. In-person lab attendance at Medicine Hat College or an affiliated site is required.

**Hours:** 84 hrs (3-3)

**Credits:** 4

### **OCTA 217 • OTA Therapeutic Processes III**

**Prerequisites:** A minimum of a C grade in OCTA 215 & OCTA 216 & PHTA 215 & PHTA 216 & TAPC 210

This course provides a five-week fieldwork placement, which provides the opportunity to integrate theory and practice under the supervision of an Occupational Therapist. Graded on a CR (Pass)/NC (Fail) basis.

**Hours:** 175 hrs (0-35P) 5 wks

**Credits:** 4

## **OMGT (Office Management)**

### **OMGT 235 • Work Experience**

**Prerequisite:** A CR pass in APRO 190 and acceptance into the Administrative Office Management Diploma program.

In Work Experience III, you will work in an office setting applying the skills you have acquired in the first year of your diploma program.

Graded on a CR (Pass)/NC (Fail).

**Hours:** 240 hrs (0-30P) 8 wks

**Credits:** 6

## **OPTA (Occupational/Physical Therapist Assistant)**

### **OPTA 212 • Principles and Techniques of Client Contact**

**Prerequisites:** A minimum of a C grade in KNES 265 & TAPC 111 & TAPC 112 & TAPC 113

This course will provide an introduction to the knowledge and practice of fundamental interventions used by occupational therapist assistants / physical therapist assistants working in rehabilitation. Topics include bed mobility, transferring, use of ambulation devices, wheelchairs, and range of motion. In-person lab attendance at Medicine Hat College or an affiliated site required

**Hours:** 60 hrs (3-1.25)

**Credits:** 3

### **OPTA 217 • OTA/PTA Therapeutic Processes IV**

**Prerequisites:** A minimum of a C grade in OCTA 215 & OCTA 216 & PHTA 215 & PHTA 216 & TAPC 210

This course provides a five-week fieldwork placement under the supervision of an Occupational Therapist and/or Physical Therapist to implement knowledge and skills of therapeutic interventions. Graded on a CR (pass) / NC (fail) basis.

**Hours:** 175 hrs (0-35P) 5 wks

**Credits:** 4

## **PARA (Paramedic)**

### **PARA 100 • Foundations of Paramedic Practice I**

**Prerequisite:** PARA 105

Introduction to the EMS system, its origins, and provincial, national, and international structure and organization. Emphasis is placed on developing understanding of the roles of various levels of practitioners. The course is focused on legal and ethical issues inherent in the EMS system. Professional responsibilities of the contemporary EMS practitioner are also considered.

**Hours:** 42 hrs (3-0)

**Credits:** 3

**PARA 105 • Alberta Paramedicine Driver Operator Course (APDOC)**

**Prerequisite:** Valid class 5 license (GDL is also acceptable)

In partnership with AMS Fleet Safety, this course is delivered by classroom, online modules, simulation, and practical driving. The focus of the course is on demonstrating knowledge of acts and regulations pertaining to ambulances in Alberta. Collision avoidance, performing vehicle inspections, ambulance-specific driving maneuvers and demonstrating how to share the road proactively and defensively will be demonstrated and practiced.

**Hours:** 40 hrs (16-12-12) 1 wk

**Credits:** 4

**PARA 115 • Professional Communications for Paramedics**

**Prerequisites:** BIOL 275 & IDST 100 & PARA 100 & PARA 105 & PARA 120

This course is focused on enhancing the written and oral communications for those entering the paramedic profession. There will be an emphasis on medical terminology, academic and professional writing (e.g. patient care reports) and case presentations.

**Hours:** 42 hrs (3-0)

**Credits:** 3

**PARA 120 • Foundations of Paramedic Practice II**

**Prerequisite:** PARA 105

This course provides an introduction to the concepts and skills in peripheral intravenous insertion, fluid administration, introductory pharmacology and medication administration, cardiac monitoring, and ECG interpretation. Scene safety, triage, mass casualty response, communication systems, and transport techniques are also presented. Documentation, record management, and infection control procedures are also discussed.

**Hours:** 98 hrs (3-4)

**Credits:** 4

**PARA 125 • Assessment and Diagnostics**

**Prerequisites:** BIOL 275 & IDST 100 & PARA 100 & PARA 105 & PARA 120

This course provides an introduction to a systems based approach to gathering comprehensive health data from patients. The focus is on the development of skills for effective interview, examination, and evaluation techniques and on integration of assessment finding into treatment plans for patients experiencing medical and traumatic events.

**Hours:** 84 hrs (3-3)

**Credits:** 4

**PARA 130 • Introductions to Paramedic Management of Emergency Situations**

**Prerequisites:** BIOL 275 & IDST 100 & (PARA 100 or PARA 103) & PARA 105

The focus of this course is the acquisition of knowledge and problem-solving skills essential for the care of various patient populations: scene assessment, patient management, and basic life support.

**Hours:** 112 hrs (4-4)

**Credits:** 4

**PARA 145 • Introduction to Primary Care Practice**

**Prerequisites:** BIOL 277 & IDST 100 & KNES 247 & PARA 115 & PARA 125 & PARA 130

In this course, you are placed in various rural and urban clinical settings. Your focus is on the consolidation of previous learning and on development of critical skills necessary to function effectively as a health care provider. Physical assessment, history taking, and interventions are stressed. Graded on a CR (Pass)/ NC (Fail) basis. NOTE: If you have an EMT-A/PCP certification from a CMA accredited program you may apply for transfer credit for this course.

**Hours:** 56 hrs (0-28C) 2 wks

**Credits:** 3

**PARA 150 • Primary Care Practice**

**Prerequisites:** BIOL 277 & IDST 100 & KNES 247 & PARA 115 & PARA 125 & PARA 130

**Corequisite:** PARA 1458

Under the supervision of an EMS provider, you refine and expand your cognitive and practical skills. In addition, you serve as team leader for a variety of calls. Graded on a CR (Pass)/NC (Fail) basis. NOTE: If you are from a CMA accredited program you must present proof of current employment as an EMT/PCP to apply for transfer credit.

**Hours:** 200 hrs (0-25P) 8 wks

**Credits:** 4.5

**PARA 200 • Introduction to Advanced Care**

**Prerequisites:** BIOL 277 & IDST 100 & KNES 247 & PARA 145 & PARA 150

Course enhances and builds upon existing theoretical base and on assessment and psychomotor skills to increase your depth of assessment, treatment, and communication skills.

**Hours:** 84 hrs (3-3)

**Credits:** 4

**PARA 205 • Mental Health for First Responders**

**Prerequisites:** PARA 100 & PSYC 201

The course will provide an overview of mental illness, the symptoms of the mental illnesses often presented in emergency services, and strategies for responding to with people who are experiencing symptoms of mental illnesses. The course will also provide information on work related stress, work place trauma, and self-care.

**Hours:** 42 hrs (3-0)

**Credits:** 3

**PARA 210 • Advanced Critical Care Practice**

**Prerequisites:** PARA 205 & PARA 230 & PARA 240 & PHIL 313

The focus of course is on continued synthesis of knowledge and skills in relation to patients experiencing chronic and acute alterations in health status. Experience occurs in a variety of clinical settings and under the direct supervision of appropriate practitioners and educators. NOTE: You are required to present registration with the ACP certification at the EMT or PCP level prior to practicum. Graded on a CR (Pass)/NC (Fail) basis.

**Hours:** 182 hrs (0-13C)

**Credits:** 7.5

# PARA - PEWE

## **PARA 215 • Pharmacology for the Prehospital Professional** **Prerequisites: BIOL 277 & IDST 100 & KNES 247 & PARA 150**

The focus of this course is a holistic approach to pharmacology. The course is designed to enhance critical thinking between the relationship of disease process and pharmacological management.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **PARA 220 • Paramedic Management of Trauma and Environmental Conditions**

### **Prerequisites: BIOL 277 & IDST 100 & KNES 247 & PARA 145 & PARA 150**

The focus of course is quick identification and treatment of life-threatening conditions, including recognition and evaluation of the mechanism of injury, performance of critical interventions, and rapid stabilization and transport.

**Hours:** 77 hrs (2.5-3)

**Credits:** 4

## **PARA 230 • Skills and Practice in Patient Modalities**

### **Prerequisites: PARA 200 & PARA 215 & PARA 220 & PHSL 200**

Focus of course is the advanced skills required for patient management in medical and trauma situations. Experience will occur in lab and clinical settings. Integration and enhancement of advanced patient assessments, diagnostics, and interventions are assessed.

**Hours:** 84 hrs (3-3)

**Credits:** 4

## **PARA 240 • Management of Special Population Groups**

### **Prerequisites: PARA 200 & PARA 215 & PARA 220 & PHSL 200**

Focus of this course is on development of knowledge, skills, and judgment to successfully care for patients experiencing unique health care challenges and is facilitated through lab and clinical experiences. Key concepts regarding pediatric, geriatric, obstetric, psychiatric, and other special need populations are presented.

**Hours:** 84 hrs (3-3)

**Credits:** 4

## **PARA 300 • Advanced Care Paramedic Practice I**

### **Prerequisite: PARA 210**

You begin to integrate ALS knowledge and skills into the delivery of patient care, under the direct supervision of a practicing paramedic. Emphasis is placed on the management of a variety of emergency calls. NOTE: You must show proof of EMT-A or PCP registration with the Alberta College of Paramedics prior to beginning the course. Graded on a CR (Pass)/NC (Fail) basis.

**Hours:** 500 hrs (0-36P)

**Credits:** 10.5

## **PARA 305 • Advanced Paramedic Care**

### **Corequisite: PARA 300**

Focus of this course is the management of the critically ill and injured patient. Learning concentrates on advanced cardiac life support (ACLS) techniques as well as care of the critically ill and injured pediatric patient (PALS). Management of the aeromedical patient and trauma patients, are also studied. NOTE: PALS, ACLS, ITLS & NRP certifications will be granted upon successful completion of this course.

**Hours:** 60 hrs (30-0) 2 wks

**Credits:** 3

## **PARA 310 • Advanced Care Paramedic Practice II**

### **Prerequisite: PARA 305**

Continue to expand on the cognitive and practical skills required of the professional paramedic, under the direct supervision of a practicing paramedic. Graded on a CR (Pass)/NC (Fail) basis. NOTE: You may opt to exit with a diploma upon successful completion of this course. NOTE: You are required to present registration with the ACP certification at the EMT or PCP level prior to practicum.

**Hours:** 500 hrs (0-36P)

**Credits:** 10.5

## **PARA 452 • EMS and the Canadian Health System**

### **Prerequisite: Paramedic (ACP) Diploma or Certificate**

This distance delivery course will introduce you to the history and development of the Canadian Health Care system. In addition, the course will extend your current understanding of health delivery systems and categories. It will also build on your present understanding of the recipients and providers of care.

**Hours:** 39 hrs (3-0) 13 wks

**Credits:** 3

## **PARA 453 • Community Focused Theory**

### **Prerequisite: Paramedic (ACP) Diploma or Certificate**

This course explores the concepts and models related to the focus of community as client - with an emphasis on dimensions of community and population health, health promotion perspectives, team building and partnerships, community assessment, planning and evaluation approaches, and intervention strategies.

**Hours:** 52 hrs (4-0) 13 wks

**Credits:** 3

## **PARA 454 • Leadership in Health Care**

### **Prerequisite: Paramedic (ACP) Diploma or Certificate.**

Focus on professional and interpersonal relationships with an emphasis on leadership, interdisciplinary collaboration, and the management of EMS at the micro and macro levels.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **PARA 455 • Research**

### **Prerequisite: Paramedic (ACP) Diploma or Certificate**

Completion of a statistics course is highly recommended. Introduction to quantitative and qualitative research methods appropriate to health care, with an emphasis on the critique of studies for their application to practice.

**Hours:** 39 hrs (3-0) 13 wks

**Credits:** 3

## **PARA 470 • Paramedic Work Term I**

### **Prerequisite: PARA 452 & PARA 453 & PARA 454 & PARA 455 or permission of the Program Coordinator**

This field study course will focus on a project that will apply and integrate knowledge from the prerequisite courses. The student will design the project which must be approved by the assigned instructor. The project must also meet the relevance and collaborative expectations of the student's employer. Results of the project are submitted to the instructor and the work term employer. Graded on a CR (Pass)/NC (Fail) basis. Total tuition for this course is \$993.38.

**Hours:** 4 mths (0-35P)

**Credits:** 15

## **PARA 480 • Paramedic Work Term II**

### **Prerequisites: PARA 470 & MGMT 243 & PHIL 313 & STAT 333**

This field study course provides you further opportunity to apply concepts to the EMS industry. The work term is designed to allow you to develop and apply a project in leadership, education, or community health. The topic or focus is determined by the student in collaboration with the assigned instructor. The project must be approved by the student's employer. The results of the project are submitted to the instructor and the work term employer. Graded on a CR (Pass)/NC (Fail) basis. Total tuition for this course is \$993.38.

**Hours:** 4 mths (0-35P)

**Credits:** 15

## **PECA (Pre-Employment Carpentry)**

### **PECA 001 • Pre-Employment Carpentry**

Graded on a CR (Pass)/NC (Fail) basis.

**Hours:** 360 hrs

## **PEEL (Pre-Employment Electrical)**

### **PEEL 001 • Pre-Employment Electrical**

Graded on a CR (Pass)/NC (Fail) basis.

**Hours:** 360 hrs

## **PEPL (Pre-Employment Common Pipe Trades)**

### **PEPL 001 • Pre-Employment Common Pipe Trades**

Graded on a CR (Pass)/NC (Fail) basis.

**Hours:** 360 hrs

## **PEWE (Pre-Employment Welding)**

### **PEWE 001 • Pre-Employment Welding**

Graded on a CR (Pass)/NC (Fail) basis.

**Hours:** 360 hrs

## **PHIL (Philosophy)**

### **PHIL 201 • Problems of Philosophy**

Introduction to philosophy through the discussion of selected topics such as skepticism, perception, personal identity, free will and determinism, and God.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### **PHIL 249 • Morality, Virtue, and Society**

This course provides a first enquiry into the nature and justification of moral standards. NOTE: Students cannot receive credit for both PHIL 249 and PHIL 1149.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### **PHIL 275 • Reason and Argument**

An introduction to deductive and inductive techniques used in appraising arguments, this course contains some elementary formal logic, but its main focus will be on analyzing arguments as they occur in everyday life and ordinary language. An alternative to PHIL 279. NOTE: Not open to students with credit in PHIL 279.

**Hours:** 56 hrs (3-1T)

**Credits:** 3

### **PHIL 279 • Logic I**

Sentential and first-order logic from both deductive and semantic points of view, and some elementary metatheorems are studied in this course.

**Hours:** 56 hrs (3-1T)

**Credits:** 3

### **PHIL 313 • Bioethics**

A critical and analytical examination of ethical and legal problems arising in and about health care. Issues to be considered may include euthanasia, abortion, the conditions for withdrawal of treatment, the physician-patient relationship, research on human subjects, and genetic engineering. The course emphasizes the practical applications of ethical and legal theory. NOTE: Students cannot receive credit for both PHIL 313 and PHIL 2223.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### **PHIL 319 • Philosophy of Law**

This course is an investigation of philosophical accounts of the nature of law and legal systems, intended if you are interested in any facet of the legal system. Acquaints you with central concepts, issues, and themes in jurisprudence, such as descriptive theories of law and the relations between law and morality. NOTE: Students cannot receive credit for both PHIL 319 and PHIL 2219.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### **PHIL 321 • Metaphysics**

An examination of such topics as categories, existence, persons, space, time, and necessity.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### **PHIL 330 • Professional Ethics**

Introduction to the ethical and conceptual issues which are inherent in the practice of professions. Questions such as, what does it mean to identify oneself as a 'professional', what special character issues arise for people engaged in professional practice, is there a difference between the moral issues one might face as a professional as opposed to the other roles one fills, are there special moral issues with respect to practice in multicultural settings, and how are the interests of the practitioner, client, and community related, will form the core of the course's inquiry.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### **PHIL 347 • Contemporary Moral Problems**

A critical and analytic examination of some current moral issues is studied in this course. Topics investigated may include authority, religion in society, suicide, sexual morality, abortion, and the legal enforcement of morality, justice.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### **PHIL 353 • Social and Political Philosophy**

In this course some of the fundamental issues in social and political thought are studied. Issues to be studied may include rights, justice, authority, equality, freedom, democracy, property, liberalism, the family, and communitarianism.

**Hours:** 42 hrs (3-0)

**Credits:** 3

# PHIL - PHSL

## **PHIL 363 • Epistemology**

A study of some of the central problems in theory of knowledge and belief, empirical (perceptual and inductive) knowledge, a priori knowledge, appearance and reality, truth and skepticism.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **PHIL 367 • Philosophy of Science**

This course provides an understanding of some of the fundamental principles of scientific enquiry. Topics include scientific explanation, theory, prediction, and confirmation. (Open to students in any discipline.)

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **PHIL 382 • Philosophy and Pop Culture**

This course brings philosophical reflection together with pop culture. It explores philosophical issues within pop culture (such as film, television, graphic novels, pop music, videos, social networks or advertising), as well as insights in philosophy about the nature of pop culture itself. NOTE: Students cannot receive credit for both PHIL 382 and PHIL 2282.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **PHIL 383 • Philosophy of Mind**

This course is a philosophical study of topics such as thought, emotions, action and the will, mind-body identity, personal identity, and theories about the nature of mind.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **PHIL 399 • Topics in Philosophy**

This course is a detailed examination of a topic or tradition in Anglo-American philosophy. In years when the course is being offered a detailed course outline giving the topic or tradition to be discussed will be available. This course may be repeated for credit.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **PHIL 1149 • Philosophy: Values and Ethics**

This course provides an introduction to philosophy through a first enquiry into the nature and justification of moral standards. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.* NOTE: Students cannot receive credit for both PHIL 1149 and PHIL 249.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **PHIL 2219 • Philosophy of Law**

This course is an investigation of philosophical accounts of the nature of law and legal systems, intended if you are interested in any facet of the legal system. Acquaints you with central concepts, issues, and themes in jurisprudence, such as descriptive theories of law and the relations between law and morality. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.* NOTE: Students cannot receive credit for both PHIL 2219 and PHIL 319.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **PHIL 2223 • Bioethics**

A critical and analytical examination of ethical and legal problems arising in and about health care. Issues to be considered may include euthanasia, abortion, the conditions for withdrawal of treatment, the physician-patient relationship, research on human subjects, and genetic engineering. The course emphasizes the practical applications of ethical and legal theory. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.* NOTE: Students cannot receive credit for both PHIL 2223 and PHIL 313.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **PHIL 2282 • Philosophy and Pop Culture**

This course brings philosophical reflection together with pop culture. It explores philosophical issues within pop culture (such as film, television, graphic novels, pop music, videos, social networks or advertising), as well as insights in philosophy about the nature of pop culture itself. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.* NOTE: Students cannot receive credit for both PHIL 2282 and PHIL 382.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **PHSL (Physiology)**

### **PHSL 200 • Pathophysiology**

**Prerequisites:** PARA 150 or PRNU 152 or BIOL 152

This course relates the knowledge of anatomy and physiology to the causes, treatment and usual courses of illness. It provides a body systems approach to common health care issues, focusing on physiological changes that occur with alterations in biological health.

**Hours:** 60 hrs (4.6-0)

**Credits:** 3

### **PHSL 370 • Introduction to Human Physiology I**

An examination of the basics of human physiology, including the body's physiological adaptation to stress. Emphasis is on function of individual organs and organ systems. NOTE: Student cannot receive credit for both PHSL 370 & BIOL 305.

**Hours:** 63 hrs (3-3/2)

**Credits:** 4

### **PHSL 371 • Introduction to Human Physiology II**

**Prerequisite:** PHSL 370

Continuation of PHSL 370. NOTE: Student cannot receive credit for both PHSL 371 & BIOL 305.

**Hours:** 63 hrs (3-3/2)

**Credits:** 4

## PHTA (Physical Therapist Assistant)

### PHTA 215 • PTA Therapeutic Processes I

**Prerequisite:** A minimum of a C grade in OPTA 212

An introduction to background, knowledge and skills in therapeutic exercise for Physical Therapist Assistants (PTA) to provide assigned interventions safely and correctly with a focus of the role of the PTA in client care. Anatomy background is essential. In-person lab attendance at Medicine Hat College or an affiliated site required.

**Hours:** 84 hrs (3-3)

**Credits:** 4

### PHTA 216 • PTA Therapeutic Processes II

**Prerequisite:** A minimum of a C grade in OPTA 212

An introduction to various physical and electrotherapy modalities utilized by Physical Therapist Assistants with an emphasis on an understanding of the principles and safe application of these various modalities. In-person lab attendance at Medicine Hat College or an affiliated site is required.

**Hours:** 84 hrs (3-3)

**Credits:** 4

### PHTA 217 • PTA Therapeutic Processes III

**Prerequisites:** A minimum of a C grade in OCTA 215 & OCTA 216 & PHTA 215 & PHTA 216 & TAPC 210

A five-week fieldwork placement under the supervision of a Physical Therapist aimed at furthering the working knowledge of and practice with therapeutic modalities common in physiotherapy practice. Graded on a CR (Pass)/NC (Fail) basis.

**Hours:** 175 hrs (0-35P) 5 wks

**Credits:** 4

## PHYL (Physical Literacy)

### PHYL 2520 • Introductory and Intermediate Coaching

This course introduces students to philosophy, making ethical decisions, teaching and learning, practice planning, growth and development, basic mental skills, designing a basic sport program and training methods as it pertains to coaching. Students will be introduced to the material included in the National Coaching Certification Program Part A and Part B of the Multi-Sport Competition Introduction Stream and the Long-Term Athlete Development Model. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.* NOTE: Students cannot receive credit for both PHYL 2520 and KNES 260.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### PHYL 3320 • Adapted Physical Activity

This course provides an examination of specific problems within the psychomotor domain and the related delivery systems for their identification and amelioration. This is an applied course that focuses on the issues and challenges of providing physical activity experiences for persons with a disability. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.* NOTE: Students cannot receive credit for both PHYL 3320 and KNES 240.

**Hours:** 56 hrs (3-0)

**Credits:** 3

### PHYL 3510 • Sport & Exercise Psychology

**Prerequisite:** Any 200-level PSYC

The aim of exercise psychology is to understand psychological influences behind exercise behaviour and to encourage healthy choices. In this course students will identify barriers to and opportunities for healthy behaviour from a psycho-social lens. Students will learn behaviour change theories to improve, reinforce and adhere to healthy behaviour. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.* NOTE: Students cannot receive credit for both PHYL 3510 and KNES 206.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## PHYS (Physics)

### PHYS 0020 • Physics 20

**Recommended Prerequisite:** 55% or higher in Science 10

This course follows the Alberta Education Curriculum for Physics 20. This course is delivered in partnership with Coulee Collegiate and Sunrise Collegiate. Students cannot receive credit for PHYS 0020 and PHYS 020.

**Hours:** 120.45 hrs (6.6-2T)

**Credits:** 4

### PHYS 0030 • Physics 30

This course follows the Alberta Education Curriculum for Physics 30. The Alberta diploma exam is not required to receive College upgrading credit for this course. This course is delivered in partnership with Coulee Collegiate and Sunrise Collegiate. Students cannot receive credit for PHYS 0030 and PHYS 030.

**Hours:** 120.45 hrs (6.6-2T)

**Credits:** 4

### PHYS 101 • How Things Work

Physics behind many common devices will be discussed. Topics will be chosen from among the following: the use of simple and compound machines; waves, sound, acoustics; light and optics; household electric circuitry; magnetism.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### PHYS 241 • Physics I

**Prerequisite:** PHYS 30 & MATH 30-1

Introductory general physics, primarily for students in the life sciences. Topics include particle kinematics, force and acceleration, gravitational forces and satellite orbits, rotational motion, conservation of energy and momentum, oscillations and waves, optics and an introduction to quantum physics; quantization of radiation, and the Bohr atom.

**Hours:** 98 hrs (3-1T-3)

**Credits:** 4

# PHYS - POLI

## **PHYS 243 • Physics II**

**Prerequisite:** PHYS 241

Introductory general physics, primarily for students in the life sciences. Topics include fluid statics and dynamics; electric forces, fields and potentials; electrical current, resistance and DC circuits; magnetic forces and fields; magnetic induction; alternating current circuits and an introduction to nuclear physics, nuclear radiation, nuclear reactions, and fundamental particles.

**Hours:** 98 hrs (3-1T-3)

**Credits:** 4

## **PLAB (Power Engineering Lab)**

### **PLAB 116 • First Lab**

**Prerequisite:** Acceptance into the Power Engineering

Technology program

Introductory lab focusing on safety, tool use, water treatment and industrial steam plant equipment.

**Hours:** 80 hrs (0-7.3) 11 wks

**Credits:** 4

### **PLAB 117 • Second Lab**

**Prerequisite:** PLAB 116

Operation of industrial steam plant equipment.

**Hours:** 88 hrs (0-8) 11 wks

**Credits:** 4

### **PLAB 118 • Third Lab**

**Prerequisites:** PLAB 117 & ABSA Fourth Class Certificate of Competency (or other regulatory body equivalent certificate)

An intermediate lab which increases the student's competency in operating industrial steam plant equipment.

**Hours:** 72 hrs (0-6.55) 11 wks

**Credits:** 4

### **PLAB 201 • Power Lab Transition**

This transition course will familiarize (or refamiliarize) you with the EnCana Power Engineering Training Centre to prepare you for PLAB 219. You will be required to trace and sketch all systems, including: make-up water, feedwater, steam, condensate, cooling water, and chemical feed systems. You will be required to review all operating procedures and control systems for each operating system. This course is required if you have not successfully completed PLAB 118 at Medicine Hat College.

**Hours:** 14 hrs (0-3.5) 4 wks

**Credits:** 1

### **PLAB 219 • Fourth Lab**

**Prerequisites:** PLAB 118 or PLAB 201 (in special circumstances ONLY) & ABSA Fourth Class Certificate of Competency (or other regulatory body equivalent certificate)

An advanced level lab which increases the student's skills in plant operation, with a focus on troubleshooting.

**Hours:** 128 hrs (0-8) 16 wks

**Credits:** 4

## **PLAC (Power Engineering Placement)**

### **PLAC 111 • Work Practicum**

**Prerequisite:** PLAB 116 & POWE 161 & POWE 162 & POWE 163 or permission of the Dean AND must possess a valid First Aid with CPR and WHMIS

This course is designed to provide you with 80 hrs of unpaid industrial work experience. Upon successful completion of PLAC 111 and all other first year courses, you will be eligible to write the Fourth Class Part B ABSA exams. Graded on a CR (Pass)/NC (Fail) basis.

**Hours:** 80 hrs (0-40F) 2 wks

**Credits:** 3

## **PLSC (Political Science)**

**PLSC 1101 • Introduction to Government and Politics** This course provides a systematic introduction to the basic concepts and institutions of the process of politics. This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College. NOTE: Students cannot receive credit for both PLSC 1101 and POLI 201.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **PMAT (Pure Math)**

### **PMAT 315 • Abstract Algebra**

**Prerequisite:** MATH 221

This course features integers - division algorithm, prime factorization; groups - permutations, Lagrange's theorem; and rings - congruences, polynomials. This course is available as an independent study course. For more information, consult the Dean of Science.

**Hours:** 56 hrs (3-1T)

**Credits:** 3

## **POLI (Political Science)**

### **POLI 201 • Introduction to Government and Politics**

The focus of this course is a systematic introduction to the basic concepts and institutions of the process of politics. Course studies the relationship among man, society and the states; examines key political ideologies and explores different political systems and structures. NOTE: Students cannot receive credit for both POLI 201 and PLSC 1101.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### **POLI 223 • Conflict and Unity: Canadian Issues**

Course examines topics in Canadian politics such as federalism and regionalism, the place of Quebec in Confederation, the Charter of Rights, class conflict and immigration, and foreign policy.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### **POLI 311 • History of Political Thought II**

This course provides an introduction to some of the most profound attempts to think about the meaning, limits, and possibilities of political life through an examination of selected texts within the later history of Western political philosophy.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## POWE (Power Engineering)

### POWE 151 • Intermediate Mechanics and Thermodynamics

**Prerequisite:** POWE 161

An intermediate level study of applied mechanics and thermodynamics.

**Hours:** 84 hrs (7.64-0) 11 wks

**Credits:** 4

### POWE 152 • Metallurgy

**Prerequisite:** POWE 162

Metallurgy, corrosion, and chemistry fundamentals will be discussed as they pertain to power engineering. This course will also provide an intermediate level study of legislation, safety and fire protection systems.

**Hours:** 58 hrs (5.45-0) 11 wks

**Credits:** 3

### POWE 153 • Codes and Drawings

**Prerequisite:** Acceptance into Power Engineering Technology

The student will take a more in depth look at industrial drawings.

Code calculations, piping, traps and valves will also be discussed.

**Hours:** 58 hrs (5.45-0) 11 wks

**Credits:** 3

### POWE 154 • Intermediate Electricity and Instrumentation

**Prerequisite:** POWE 162

An intermediate level study of electrical and instrumentation theory.

**Hours:** 80 hrs (7.64-0) 11 wks

**Credits:** 4

### POWE 161 • Introductory Mechanics & Thermodynamics, Legislation and Safety

**Prerequisite:** Acceptance into Power Engineering Technology

This course will provide the student with an introduction to applied mathematics, mechanics, and thermodynamics. It will also cover legislation and safety.

**Hours:** 70 hrs (7-0) 10 wks

**Credits:** 4

### POWE 162 • Introductory Electricity and Instrumentation, Materials, Welding and Safety

**Prerequisite:** Acceptance into Power Engineering Technology

An introduction to electricity and instrumentation, safety, materials, welding and piping.

**Hours:** 80 hrs (8-0) 10 wks

**Credits:** 4

### POWE 163 • Introduction to Boilers, Environment and Communication

**Prerequisite:** Acceptance into Power Engineering Technology

This is an introductory course focusing on boiler design, fittings, operation and combustion. Environment and communication will also be discussed.

**Hours:** 80 hrs (8-0) 10 wks

**Credits:** 4

### POWE 166 • Lubrication, Pumps, Compressor, Boiler Safety and Operation

**Prerequisite:** Acceptance into Power Engineering Technology

This course will introduce lubrication, compressors and pumps. Boiler safety and operation will be discussed.

**Hours:** 90 hrs (7.5-0) 12 wks

**Credits:** 4

### POWE 167 • Maintenance, Water Treatment, Prime Movers/ Engines and Auxiliary Building Systems

**Prerequisite:** Acceptance into Power Engineering Technology

An introduction to maintenance, water treatment, prime movers, engines and auxiliary building systems.

**Hours:** 90 hrs (7.5-0) 12 wks

**Credits:** 4

### POWE 168 • Refrigeration and Air Conditioning and Types of Plants

**Prerequisite:** Acceptance into Power Engineering Technology

This course focuses on refrigeration and air conditioning. Different types of plants will also be discussed.

**Hours:** 90 hrs (7.5-0) 12 wks

**Credits:** 4

### POWE 260 • Intermediate Boilers

**Prerequisite:** POWE 143 or POWE 163 and POWE 166

This is an intermediate course focusing on boiler design, construction, and operation. Plant operation and maintenance will also be discussed.

**Hours:** 96 hrs (6-0) 16 wks

**Credits:** 4

### POWE 261 • Intermediate Prime Movers

**Prerequisite:** POWE 146 or POWE 167, and POWE 166

An intermediate course on turbines, internal combustion engines, and compressors.

**Hours:** 96 hrs (6-0) 16 wks

**Credits:** 4

### POWE 262 • Water Treatment and Special Equipment

**Prerequisite:** POWE 143 or POWE 167, POWE 166, POWE 168

This course focuses on water treatment, refrigeration, pumps, and special industrial equipment.

**Hours:** 96 hrs (6-0) 16 wks

**Credits:** 4

### POWE 265 • Advanced Boilers

**Prerequisite:** POWE 260

An advanced level course on boilers and legislation.

**Hours:** 60 hrs (3.75-0) 16 wks

**Credits:** 3

### POWE 266 • Advanced Pumps and Water Treatment

**Prerequisite:** POWE 261 and POWE 262

An advanced level course on pumps and water treatment.

**Hours:** 60 hrs (3.75-0) 16 wks

**Credits:** 3

### POWE 270 • Advanced Codes

**Prerequisite:** POWE 153

An advanced level code calculations course.

**Hours:** 60 hrs (3.75-0) 16 wks

**Credits:** 3



# POWE - PRNU

## **POWE 271 • Plant Installation and Management**

### **Prerequisite: Acceptance into Power Engineering Technology**

An advanced level plant installation and management course for power engineers.

**Hours:** 60 hrs (3.75-0) 16 wks

**Credits:** 3

## **POWE 272 • Advanced Mechanics**

### **Prerequisite: POWE 151**

An advanced level applied mechanics course.

**Hours:** 96 hrs (6-0) 16 wks

**Credits:** 4

## **POWE 280 • Advanced Thermodynamics**

### **Prerequisite: POWE 151**

An advanced level thermodynamics course.

**Hours:** 96 hrs (6-0) 16 wks

**Credits:** 4

## **POWE 281 • Advanced Metallurgy**

### **Prerequisite: POWE 152**

An advanced level course on metallurgy and corrosion.

**Hours:** 72 hrs (4.5-0) 16 wks

**Credits:** 4

## **PRNU (Practical Nursing)**

### **PRNU 156 • Nursing Theory I and Nursing Science Lab I**

Nursing Theory I – In this course holistic nursing care (developmental, psychological, sociocultural and spiritual) is emphasized within the framework of the nursing process. Focus is on the principles underlying nursing actions, health promotion and integration of concepts from other courses. Nursing Science Lab I - In the nursing skills lab, utilizing the underlying theoretical principles, students will begin to develop psychomotor nursing skills to provide safe, competent care.

**Hours:** 90 hrs (3-3) 15 wks

**Credits:** 4

### **PRNU 158 • Clinical Experience I - Continuing Care**

#### **Prerequisites: PRNU 151 or HLSC 151 & PRNU 152 or BIOL 152 & PRNU 153 or PSYC 153 & PRNU 156**

This course will provide the student with hands-on experience in a continuing care facility. The schedule for this clinical experience will be at the discretion of the clinical instructor. Graded on a CR (Pass)/NC (Fail) basis.

**Hours:** 78 hrs (0-39C) 2 wks

**Credits:** 4

### **PRNU 160 • Adult Health Assessment Theory and Lab**

#### **Prerequisite: PRNU 158**

This course focuses on applying knowledge of anatomy and physiology to the skill of completing an adult health assessment. Students will learn to differentiate between normal and abnormal assessments and understand the significance of these findings. Students will gain knowledge and critical thinking skills required to demonstrate competence in physical health assessment.

**Hours:** 60 hrs (1.5 - 3.1) 13 wks

**Credits:** 3

### **PRNU 162 • Applied Pharmacology and Medication Administration Lab**

#### **Prerequisite: PRNU 158**

This course deals with developing the body of knowledge needed to administer therapeutic medications. The practical nurse must understand the pharmacokinetics of medications, the rationale for their use, and the expected results of the therapy. The practical nurse must also learn to use critical thinking skills to assess the need for, and response to medication. Practical nurse competencies, scope of practice and legal responsibilities will also be emphasized. Accurate/successful demonstration of the math skills to safely calculate dosages will be imperative. In the nursing skills lab, utilizing the underlying theoretical principles, students will develop psychomotor skills to provide safe, competent medication administration to clients with multiple health care issues.

**Hours:** 85 hrs (4.6-1.9)13 wks

**Credits:** 4

### **PRNU 166 • Nursing Theory II and Nursing Science Lab II**

#### **Prerequisite: PRNU 158**

Holistic nursing care (developmental, psychological, sociocultural and spiritual) and skills are emphasized within the framework of the nursing process. Focus is on the principles underlying nursing actions, adult physical assessment, health promotion and integration of concepts from other courses. In the nursing skills lab, learners, utilizing the underlying theoretical principles will develop psychomotor nursing skills to provide safe, competent care to clients with multiple health care issues. This course builds on the knowledge and nursing therapeutics introduced in previous courses. Diversity, culture and spiritual needs are incorporated into caring for clients.

**Hours:** 80 hrs (4.6-1.5)13 wks

**Credits:** 4

### **PRNU 168 • Clinical Experience II - Continuing & Acute Care**

#### **Prerequisites: PRNU 160 & PRNU 162 & PRNU 166 & PHSL 200**

The focus of this second clinical experience is the practical nurse's role in both continuing care and acute care settings. During this time, the student will be assigned to specific clients and expected to research adequately to provide safe, organized nursing care. Graded on a CR (Pass)/NC (Fail) basis.

**Hours:** 155 hrs (0-38.8C) 4 wks

**Credits:** 6

### **PRNU 200 • Nursing Theory III & Nursing Science Lab III**

#### **Prerequisite: PRNU 168**

Care of clients in acute care settings, preoperative surgical specialties, emergency care, palliative care, rehabilitation and community clinical based care. The emphasis is on critical thinking within the framework of the nursing process. The course focuses on the principles and rationale underlying nursing actions utilizing a problem solving approach, integrated multi-system assessment of clients with complex needs. Discharge planning and assisting the client to transition to community settings will also be included, integrating knowledge from previous courses. In the nursing skills lab, utilizing the underlying theoretical principles, learners will develop psychomotor nursing skills to provide safe, competent care for clients requiring medical or surgical interventions.

**Hours:** 120 hrs (3.33-0.83) 12 wks

**Credits:** 4

## **PRNU 201 • Maternal and Newborn Theory and Lab**

**Prerequisite:** PRNU 168

A family-centered introduction to the needs and nursing care of childbearing families. This course focuses on assessment, monitoring, patient teaching for the care of the mother and infant during pregnancy, labor and delivery and the postpartum period. In maternity lab, learners will develop nursing skills to provide safe competent care for both mother and newborn.

**Hours:** 50 hrs (3.33-0.83) 12 wks

**Credits:** 3

## **PRNU 203 • Mental Health and Addiction**

**Prerequisite:** PRNU 168

This course provides an introduction to the assessment and treatment of clients with psychiatric/mental health issues. The course includes basic mental health concepts, therapeutic relationships, assessment strategies and the nursing process, legal and ethical practices, mental health, addiction issues, and treatments

**Hours:** 40 hrs (3.33 - 0) 12 wks

**Credits:** 3

## **PRNU 204 • Clinical Experience III - Acute Care**

**Prerequisites:** PRNU 200 & PRNU 201 & PRNU 203 & PRNU 205

The focus of this third clinical experience will be the practical nurse's role in the acute care setting. During this time, the student will be assigned to specific clients and expected to research adequately to provide safe, organized nursing care. The focus of care is to assist people who have had surgery or have multiple medical problems. Working with a variety of health team members, assessment and communication with clients and staff will be stressed. Graded on a CR (Pass)/NC (Fail) basis.

**Hours:** 271 hrs (0-38.7C) 7 wks

**Credits:** 12

## **PRNU 205 • Pediatric Nursing**

**Prerequisite:** PRNU 168

A family-centered introduction to the needs and nursing care of child rearing families. Community resources and client teaching are addressed. This course provides you with an introduction to common health issues of children related nursing care.

**Hours:** 40 hrs (3.33-0) 12 wks

**Credits:** 3

## **PRNU 208 • Transition to Practical Nursing Graduate**

**Prerequisite:** PRNU 204

This course will facilitate the transition from learner roles to the graduate roles within the context of the practical nurse profession. A strong emphasis will be placed on professional roles and responsibilities in general and practical nurse roles and responsibilities in particular. Learners will gain knowledge of leadership skills required for their leadership roles in a health care team. Legal, ethical and management concepts will be integrated into the course, with the expectation that learners apply these principles to prepare for and participate in the workforce.

**Hours:** 45 hrs (11.25-0) 4 wks

**Credits:** 3

## **PRNU 209 • Community Nursing**

**Prerequisite:** PRNU 204

The present focus of community health nursing is on community wide approaches to promote health of populations. Community health nursing includes working with individuals and defining risk factors for illness and injury and encompasses a broad scope of practice. This course will introduce learners to the practice of community health nursing: nursing roles and activities, levels of prevention, immunizations, primary health care, and determinants of health, nursing strategies, and varied practice settings within the community. The purpose will be to provide a theory base and understanding of community health concepts that will provide the learner with the basis for nursing practice with individuals, families, and groups within the community setting. In the lab setting the learners will develop the skills, knowledge and ability to administer various immunizations.

**Hours:** 46 hrs (10-1.5) 4 wks

**Credits:** 3

## **PRNU 215 • Final Practicum**

**Prerequisite:** PRNU 208 & PRNU 209

This course will provide an opportunity to apply nursing knowledge and skills within a variety of settings. Eighty hours will be spent in a leadership role in a continuing care facility and 220 hours will be spent on a medical/surgical nursing unit, giving the student the opportunity to apply nursing knowledge and skills into practice. In each component, the student nurse will experience a more independent role while mentored by a Licensed Practical Nurse who acts as a resource to assist the student to achieve his/her goals. Graded on a CR (Pass)/NC (Fail) basis.

**Hours:** 300 hrs (0 - 33P) 9 wks

**Credits:** 6

## **PROG (Programming)**

### **PROG 210 • Systems Analysis and Design**

This course covers tools, techniques and methods used by system analysts in the workplace to achieve workable computer solutions for a wide range of problems. Topics include hardware/software/network planning; requirements analysis; feasibility study and research; cost benefit analysis; hardware/software evaluation; design of custom applications; database design; and user interface design. Assignments and case studies used provide practice with the above concepts.

**Hours:** 70 hrs (2-3)

**Credits:** 4

### **PROG 225 • Intermediate Programming**

**Prerequisite:** ITEC 145

Building on two prior programming courses, you will gain an in-depth grounding in object-oriented programming concepts and practices. Topics include class and interface design, the principles of encapsulation, inheritance and polymorphism, components generics, delegates, unit testing, etc. In the labs, you construct and test your own classes and DLL's as well as continue to enlarge your familiarity with various framework objects.

**Hours:** 70 hrs (2-3)

**Credits:** 4

# PROG - PSYC

## **PROG 245 • Dynamic Web Application Development**

### **Prerequisite: PROG 225**

Building on knowledge gained in Web Development and Programming Fundamentals, this course examines concepts and application of server side Internet development with dynamic content. Topics include web controls, state management, database access, display of real time data, web services and emerging web development methodologies. Reflecting the industry trend of using teamwork for development of complex applications, this course may involve project teamwork in the lab component.

**Hours:** 70 hrs (2-3)

**Credits:** 4

## **PROG 280 • Advanced Programming**

### **Prerequisite: PROG 225**

This course takes various programming concepts to greater depth and includes topics such as parallelism and multi-threading, network programming, distributed applications, synchronous and asynchronous web services, object serialization, optimizations, software design patterns, programming language comparison, etc. Lab assignments and projects related to the above topics form an essential component of the course.

**Hours:** 70 hrs (2-3)

**Credits:** 4

## **PSYC (Psychology)**

### **PSYC 153 • Growth and Development for Practical Nurses**

This course presents a comprehensive overview of human growth and development and normal behavioral responses throughout the life span. Emphasis is placed upon the stages of development and their linkage to common events and adaptations.

**Hours:** 45 hrs (3-0) 15 wks

**Credits:** 3

### **PSYC 200 • Introduction to Psychology I - Natural Science**

A survey of topics associated with psychology's role as a biological science including but not limited to brain and behaviour, sensation and perception, cognition, learning, and memory. NOTE: Students cannot receive credit for both PSYC 200 and PSYC 1103.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### **PSYC 201 • Introduction to Psychology II – Social Science**

A survey of topics associated with psychology's role as a social science including but not limited to: personality, human development, social psychology, and disorders. NOTE: Students cannot receive credit for both PSYC 201 and PSYC 1104.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### **PSYC 312 • Research Methods in Social Science**

#### **Prerequisite: Any 200-level PSYC or SOCI 201 or permission of the Dean**

This course will introduce you to experimental and nonexperimental research methods in social science. You will learn to think critically about research claims in the social sciences, develop an awareness of ethical concerns in research, and gain understanding of research methodology, its benefits, and its shortcomings. NOTE: Credit will only be granted for one of PSYC 312 or SOCI 313.

**Hours:** 84 hrs (3-3)

**Credits:** 4

### **PSYC 330 • Learning and Behaviour**

This course is an introduction to the principles of learning and behaviour, with an emphasis on the processes of classical and operant conditioning. Basic research findings are discussed as well as the application of those findings to important aspects of human behaviour.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### **PSYC 343 • Social Interaction and Perception**

#### **Prerequisite: Any 200-level Psychology**

An introduction to research and theory in the areas of social perceptions, social attractions, language and communication, and group processes.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### **PSYC 345 • Social Psychology**

#### **Prerequisite: Any 200-level Psychology**

Social psychological approaches to understanding social influence, social perception and cognition, attitudes and group dynamics are studied in this course. NOTE: Not open to students with credit in PSYC 343. Students cannot receive credit for both PSYC 345 and PSYC 2245.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### **PSYC 351 • Developmental Psychology**

#### **Prerequisite: Any 200-level Psychology**

The focus of this course is the study of psychological development through childhood. NOTE: Students cannot receive credit for both PSYC 351 and PSYC 3351.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### **PSYC 357 • Human Development**

#### **Prerequisite: Any 200-level Psychology**

This course is a continuation of PSYC 351. The curriculum includes an overview of physical, intellectual, personality and social development through adolescence, early adulthood, middle adulthood, and late adulthood. Key social issues affecting adolescents and adults are highlighted. NOTE: Students cannot receive credit for both PSYC 357 and PSYC 3355.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **PSYC 365 • Cognitive Psychology**

### **Prerequisite: Any 200-level Psychology**

This course provides an overview of research and theory in cognitive psychology. Topics include but are not limited to: attention, memory, thinking, and other mental processes.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **PSYC 368 • Perception**

### **Prerequisite: Any 200-level Psychology**

Introduction to the theoretical and experimental issues associated with sensory and perceptual experience. It focuses primarily on visual perception. Major topics include the visual system, visual attention, the perception of colour, space, form, visual art, and motion, as well as the constancies. Other topics examined include the auditory system and hearing, touch, taste, and smell. In addition to lectures, the course provides you with hands-on activities intended to illustrate perceptual processes.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **PSYC 383 • Personality**

### **Prerequisite: Any 200-level Psychology**

This course studies the approaches to the study of personality.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **PSYC 385 • Introduction to Abnormal Psychology**

### **Prerequisite: Any 200-level Psychology**

Focus of course is an overview of abnormal behaviour and experiences, their causes and treatment. NOTE: Students cannot receive credit for both PSYC 385 and PSYC 2285.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **PSYC 1103 • Introduction to Psychology I: Natural Science**

This course introduces the history, methods, and current state of knowledge in selected areas of modern psychological research. A range of content areas will be surveyed, including biological psychology, sensation and perception, learning, memory, cognition, and consciousness. NOTE: Students cannot receive credit for both PSYC 1103 and PSYC 200.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **PSYC 1104 • Introduction to Psychology II: Natural Science**

This course provides a survey of the current psychological knowledge in a range of topics that will include developmental psychology, personality, psychological disorders, therapy, stress, social psychology, assessment, motivation and emotion. NOTE: Students cannot receive credit for both PSYC 1104 and PSYC 201.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **PSYC 2245 • Social Psychology**

### **Prerequisite: Any 200-level or 1000-level Psychology**

Students will examine social psychological approaches to understanding social influence, social perception and cognition, attitudes and group dynamics. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.* NOTE: Students cannot receive credit for both PSYC 2245 and PSYC 345.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **PSYC 2285 • Introduction to the Psychology of Abnormal Behaviour**

### **Prerequisite: Any 200-level or 1000-level Psychology**

This senior-level course is a survey of the symptoms, causes and treatment of psychological disorders as they occur across the lifespan. Through lecture, videos and in-class applied exercises, students will consider the experience of psychological abnormality and study contemporary methods used in clinical diagnosis and intervention. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.* NOTE: Students cannot receive credit for both PSYC 2285 and PSYC 385.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **PSYC 3301 • Learning and Behaviour**

### **Prerequisite: Any 200-level or 1000-level Psychology**

This course includes topics in the field of learning and behaviour such as classical and operant contingencies, experimental methodologies, and critical scientific thinking skills. The course will also focus on the application of learning theory to a variety of real-world situations related to behavior modification, behavioral economics, and addiction. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.* NOTE: Students cannot receive credit for both PSYC 3301 and PSYC 330.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **PSYC 3320 • Psychology of Death and Dying**

### **Prerequisite: Any 200-level or 1000-level Psychology**

The course examines social and psychological aspects of death and dying, such as: historical and cross cultural variability in death attitudes, spirituality, the dying process, ethical issues such as euthanasia and suicide, bereavement, burial practices and death perceptions across the life-span. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.*

**Hours:** 42 hrs (3-0)

**Credits:** 3

# PSYC - SEMM

## PSYC 3351 • Topics in Child Development

### Prerequisite: Any 200-level or 1000-level Psychology

This course focuses on psychological development from conception through childhood and adolescence, examining such topics as the development of cognition, emotion, identity, moral thinking, and psychosocial abilities. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.* NOTE: Students cannot receive credit for both PSYC 3351 and PSYC 351.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## PSYC 3355 • Topics in Adolescence

### Prerequisite: Any 200-level or 1000-level Psychology

This course emphasizes the biological, cognitive, social and emotional changes that occur within adolescent development. It investigates the impact of various contexts (family, peers, school, etc) on developmental outcomes. Topics include the transitory difficulties and psychosocial problems that may arise during this period as well as cultural and historical aspects of development. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.* NOTE: Students cannot receive credit for both PSYC 3355 and PSYC 357.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## RELI (Religious Studies)

### RELI 201 • World Religions: Western

This course is an introduction to Western religions including Judaism, Christianity and Islam. NOTE: Students cannot receive credit for both RELI 201 and RELS 1101.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### RELI 205 • The Nature of Religion

This course examines the histories and world views of a number of religious traditions, as well as philosophical issues arising within and from these traditions. Some ancient and tribal traditions are studied, but the focus is on major, living world religions. Philosophical topics that may be addressed are the existence and nature of ultimate reality, life after death, pain and evil, faith and knowledge, and religious pluralism.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## RELS (Religious Studies)

### RELS 1101 • World Religions: Western

This course is an introduction to Western religions including Judaism, Christianity and Islam. NOTE: Students cannot receive credit for both RELS 1101 and RELI 201.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## SCIE (Science)

### SCIE 0010 • Science 10

#### Recommended Prerequisite: Science 9

This course follows the Alberta Education Curriculum for Science 10. This course is delivered in partnership with Coulee Collegiate and Sunrise Collegiate. Students cannot receive credit for SCIE 0010 and SCIE 010.

**Hours:** 120.45 hrs (6.6-2T)

**Credits:** 4

### SCIE 0014 • Science 14

This course follows the Alberta Education Curriculum for Science 14. This course is delivered in partnership with Coulee Collegiate and Sunrise Collegiate.

**Hours:** 120.45 hrs (6.6-2T)

**Credits:** 4

### SCIE 0020 • Science 20

#### Recommended Prerequisite: Science 10

This course follows the Alberta Education Curriculum for Science 20. This course is delivered in partnership with Coulee Collegiate and Sunrise Collegiate. Students cannot receive credit for SCIE 0020 and SCIE 020.

**Hours:** 120.45 hrs (6.6-2T)

**Credits:** 4

### SCIE 0024 • Science 24

This course follows the Alberta Education Curriculum for Science 24. This course is delivered in partnership with Coulee Collegiate and Sunrise Collegiate.

**Hours:** 120.45 hrs (6.6-2T)

**Credits:** 4

### SCIE 0030 • Science 30

This course follows the Alberta Education Curriculum for Science 30. The Alberta diploma exam is not required to receive College upgrading credit for this course. This course is delivered in partnership with Coulee Collegiate and Sunrise Collegiate. Students cannot receive credit for SCIE 0030 and SCIE 030.

**Hours:** 120.45 hrs (6.6-2T)

**Credits:** 4

## SEMM (Sport & Event Marketing & Management)

### SEMM 171 • Introduction to Marketing

Introductory look at the concepts and activities involved in the marketing of sport and entertainment events. Central to the course is understanding the marketing mix variables of product, pricing, promotion, and distribution. Other topics include consumer behavior, marketing research, and the strategic marketing process. NOTE: Students cannot receive credit for both MKTG 171 and SEMM 171 toward the completion of the Sport & Event Marketing and Management program.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **SEMM 201 • Introduction to Sport and Event Management**

This course is an analysis of effective management strategies and the body of knowledge associated with pursuing a career in sport and event management. It also introduces the student to sport management career opportunities and to sport principles as they apply to management, leadership style, communication, motivation and entrepreneurship.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **SEMM 221 • Sport and Event Marketing**

**Prerequisite:** SEMM 171

This course introduces students to some of the skills necessary to effectively market a sporting event. Students will learn how to develop a plan to pursue relevant markets including attendees, competitors and sponsors. In addition, students will be exposed to business concepts such as product development, market opportunities and marketing plans.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **SEMM 241 • Event Content, Design, and Application**

**Prerequisite:** SEMM 325

An introduction to the principles of good design and how it applies to marketing. Students will work on identifying the design requirements for logos, ad content, websites, banners, and collateral materials for events. Students will be expected to create functioning web content and effective application of social media material to support a project or event.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **SEMM 251 • Sport and Event Sponsorship and Fundraising**

**Prerequisites:** SEMM 200 or ACCT 200 & COMM 140 & SEMM 325

This course focuses on strategies used for generating event revenue through fund raising and sport and event sponsorship. You will be introduced to the concept of sponsorship and the process of meeting organization and sponsor needs in the sport industry. Marketing concepts will be adapted to meet the specific needs of sponsorship and fund-raising campaigns and events. Relevant management strategies will be examined. Trends, issues and innovations in fund raising and sponsorship will be explored.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **SEMM 271 • Digital Marketing**

**Prerequisite:** SEMM 171

This course engages students in the constantly changing nature of digital marketing and social media. It examines the leading edge of technology and practice and how it impacts on a whole range of other disciplines, such as traditional marketing, management, international business and business strategy. It also exposes students to key concepts and theories relating to online communities and social networking. It covers the development of effective social media engagement strategies such as social media user behavior, online community and personalization. NOTE: Students cannot receive credit for both MKTG 271 and SEMM 271 toward the completion of the Sport & Event Marketing and Management program.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **SEMM 311 • Global Marketing of Sports**

**Prerequisites:** SEMM 161 or MGMT 161 & SEMM 201

This course provides learners with a fundamental understanding of the characteristics and marketing strategies related to two key global industries, sports and entertainment. This course will provide students the marketing and management strategies necessary to manage international and professional events. Students will acquire the knowledge and skills to organize, plan, and control sports and entertainment events while maintaining the highest levels of ethics at an international level.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **SEMM 315 • Persuasion in Event Management**

**Prerequisite:** SEMM 171

Sport and Event Marketing and Management ultimately hinges on the ability to comprehend human motivation in order to understand the attitudes and behaviors of people and organizations. In this course, students investigate the theory and practice of persuasion, learning to use these concepts to develop persuasive and compelling stories in visual, verbal and written formats. Students cannot receive credit for both MKTG 315 and SEMM 315 toward the completion of the Sport & Event Marketing and Management program.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **SEMM 325 • Evidence Based Event Marketing**

**Prerequisite:** SEMM 171

Students will learn how to support effective marketing decisions through effective data gathering, focused marketing research and analysis, and the application of various methodologies to gain insight. A key outcome of this course is the initial development of an event marketing plan. NOTE: Students cannot receive credit for both MKTG 325 and SEMM 325 toward the completion of the Sport & Event Marketing and Management program.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **SEMM 331 • E-Sports Management**

**Prerequisites:** SEMM 395 or MGMT 395 & SEMM 251

This course provides an overview of the essential components in the building, managing and closing of esports events and projects. Students will learn the techniques used to analyze and assess and categorize risks that come with planning an esports project or event. They will learn how to manage stakeholders and how to distinguish expectations in relation to scheduled tasks and budgets.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **SEMM 351 • Sport Event Media and Public Relations**

**Prerequisite:** SEMM 251

This course provides hands-on training in the tools and technology of sport event PR combined with an examination of the public's relationship with athletes and sports. This course provides strategies and tactics for brand awareness, media management, message recall, and the examination of established and emerging media in the digital environment. It will increase your knowledge and perspective on the world of sports media and public relations.

**Hours:** 42 hrs (3-0)

**Credits:** 3

# SEMM - SESP

## **SEMM 355 • Brand Marketing**

**Prerequisites:** SEMM 171 or SEMM 315

Meaningful sport and event marketing campaigns are developed through a transdisciplinary, rigorous, and creatively-driven process. In this course, students are immersed in the deconstruction, critique and reconstruction of the creative and emotional potential of existing marketing assets. Using Brand Intelligence tools and techniques, student then reframe, redesign, rewrite and develop new narrative elements for extraordinary advertising and promotion campaigns. NOTE: Students cannot receive credit for both MKTG 355 and SEMM 355 toward the completion of the Sport & Event Marketing and Management program.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **SEMM 371 • Sport Event Management Project**

**Prerequisite:** SEMM 251

This course provides students with an opportunity to synthesize and apply learning from the program elements to a project of their choosing. There is scope within this module for students to undertake a broad range of sport project types, including consultancy, business analysis, business development, or academic study.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **SEMM 391 • Sport and Event Marketing and Management Work Integrated Learning**

**Prerequisites:** SEMM 351 & SEMM 371

This experiential learning experience will put students field of study knowledge and skills into practice. Students find a placement with support from the business placement advisor who maintains a roster of placement opportunities and provides students with direction and assistance in the development of resumés and job search techniques. Graded on CR(pass)/NC(fail) basis.

**Hours:** 240 hrs (0-30P) 8 wks

**Credits:** 6

## **SESP (Sustainable Energy)**

### **SESP 110 • Strategic Communication**

This course provides the student with the ability to build consensus and communicate insights via a variety of mediums. Developing your communication skills is necessary to succeed in all organizations and is required for many positions. Being strategic the way we deliver are required to provide the insights and technical and strategic communications to decision-makers.

**Hours:** 42 hrs (6-0)7 wks

**Credits:** 3

### **SESP 111 • The Energy System**

Students will explore the parts of a system and their relationships. Students will work with multiple case studies to identify the causal loop (feedback) diagram for its system.

**Hours:** 42 hrs (6-0)7 wks

**Credits:** 3

### **SESP 112 • Energy Generation & Consumption**

In this course students will be able to understand the principles behind various types of energy generation including renewable energy sources and to understand the principles influencing energy consumption in our buildings and our built environment.

**Hours:** 40 hrs (5-0) 8 wks

**Credits:** 3

### **SESP 119 • Applied Learning Field Placement I**

This first experiential learning field placement provides learners with an opportunity to put their field of study knowledge into practice. Learners find a placement with support from the industry placement advisor who maintains a roster of placement opportunities with our strategic partners.

**Hours:** 240 hrs (0-30P) 8 wks

**Credits:** 6

### **SESP 120 • Procurement & Management**

The course is designed to help participants manage the procurement aspects of projects. Topics covered include planning the procurement process, developing procurement Scope of Works, Request for Proposal (RFP), supplier selection, competitive bidding, price negotiation, teaming arrangements and subcontractor management. Managing procurement risks is given in-depth treatment. The related legal aspects of project procurement are also covered.

**Hours:** 42 hrs (6-0) 7 wks

**Credits:** 3

### **SESP 121 • Energy Ecosystems**

In this course students will explore various ecosystems to realize the parts of an ecosystem and their relationships. Using feedback loops and systems thinking tools, students will learn to simulate a balanced ecosystem.

**Hours:** 42 hrs (6-0) 7 wks

**Credits:** 3

### **SESP 122 • Codes & Contracts**

In this course students will explore and critique the professional codes, standards that influence the construction of our energy systems. The course also covers selecting the proper contract type and explains the strengths and weaknesses of all possible contract approaches.

**Hours:** 40 hrs (5-0) 7 wks

**Credits:** 3

### **SESP 129 • Applied Learning Field Placements II**

This experiential learning field placement provides learners with an opportunity to put their knowledge and skills learned throughout the program into practice. Learners will be required to compile an audit on an energy system and initiate and communicate efficiency solutions to their employer.

**Hours:** 240 hrs (0-30P) 8 wks

**Credits:** 6

## **SESP 130 • Energy Modelling & Advocacy**

In this course students will be able to advocate for an efficient energy system by modelling various types of energy generation and consumption projects. Students will use various systems modelling tools and methodologies to design a built environment energy system.

**Hours:** 42 hrs (3-3) 7 wks

**Credits:** 3

## **SESP 131 • Rating & Evaluation Systems**

In this course students will learn how to analyze and defend an existing energy system and the corresponding energy efficiency initiatives for built environment projects in their local natural environment. Students will use a Microsoft Office Tools to validate and support their assessment.

**Hours:** 42 hrs (3-3) 7 wks

**Credits:** 6

## **SLGY (Sociology)**

### **SLGY 1101 • Introduction to Sociology**

This course introduces students to the discipline of Sociology. Sociology is the study of social life in all its forms. A variety of topics within the discipline will be explored throughout this course, such as social theory, social research methods, culture, with a strong focus on gender, sexuality, class, and racial inequality. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.* NOTE: Students cannot receive credit for both SLGY 1101 and SOCI 201.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### **SLGY 2229 • Crime and Society**

**Prerequisite:** SOCI 201 or SLGY 1101

This course serves as an introduction to the sociological study of crime. The goal is to critically assess crime as it intersects with race, class, and gender. Students will become familiar with classical and contemporary theories of crime as well as strategies toward rehabilitation or social change. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.* NOTE: Students cannot receive credit for both SLGY 2229 and SOCI 225.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### **SLGY 2233 • Sociology of Gender**

Gender operates on four dimensions in Canadian society: within individuals; through interaction with others; in the features of social institutions such as work, law, and family; and in the norms and values that shape the socio-cultural landscape. This course will introduce students to gender on each of these dimensions. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.* NOTE: Students cannot receive credit for both SLGY 2233 and GNST 300.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### **SLGY 2271 • Sociology of Families**

**Prerequisite:** SOCI 201 or SLGY 1101

This course offers a sociological investigation into families. The focus will be on theories of family and the social history of families. Some specific topics covered include the structure and function of families, family systems, family life stages (dating, marriage, parenting and old age), diverse family forms, and problems in family life such as violence and divorce. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.* NOTE: Students cannot receive credit for both SLGY 2271 and SOCI 371.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **SLPA (Speech Language Pathologist Assistant)**

### **SLPA 160 • Introduction to American Sign Language**

Introduction to American Sign Language (ASL) which is the official language of the Deaf community in Canada and the United States. ASL has its own unique grammar and sentence structure. This course teaches you about Deaf culture and history while you develop basic vocabulary, fingerspelling, facial expressions, and receptive and expressive skills to communicate with persons who are Deaf. Even if you are outside the SLPA program, you are invited to take the course, subject to approval by the instructor.

**Hours:** 70 hrs (0-7) 10 wks

**Credits:** 4

### **SLPA 206 • Therapeutic Processes III**

**Prerequisites:** SLPA 160 or DBSS 160 & and a minimum of a C grade in AUDA 212 & SLPA 215 & SLPA 216 & TAPC 210

A six-week fieldwork placement which provides the opportunity to integrate theory and practice, under the supervision of a Speech-Language Pathologist. Graded on a CR (Pass)/NC (Fail) basis.

**Hours:** 225 hrs (0-37.5P) 6 wks

**Credits:** 4.5

### **SLPA 207 • Therapeutic Processes IV**

**Prerequisites:** SLPA 160 or DBSS 160 and a minimum of a C grade in AUDA 212 & SLPA 215 & SLPA 216 & TAPC 210

A six-week fieldwork placement which provides the opportunity to integrate theory and practice, under the supervision of a Speech-Language Pathologist. Placement focuses on a different case load than previous fieldwork, although the setting may remain the same. Graded on a CR (Pass)/NC (Fail) basis.

**Hours:** 225 hrs (0-37.5P) 6 wks

**Credits:** 4.5

### **SLPA 212 • Basics for the Speech Language Pathologist Assistant**

**Prerequisites:** A minimum of a C grade in KNES 265 or any 200 level LING & TAPC 111 & TAPC 112 & TAPC 113

This course provides an introduction to the basic skills required by a Speech-Language Pathologist Assistant (SLPA) to function effectively in the workplace. Topics include goal-based intervention, creating a treatment session, and roles and responsibilities of SLPAs. In-person lab attendance at Medicine Hat College or an affiliated site may be required.

**Hours:** 60 hrs (3 - 1.25)

**Credits:** 3



# SLPA - SLWK

## **SLPA 215 • SLPA Therapeutic Processes I**

**Prerequisite:** Minimum of a C grade in SLPA 212

This course provides an introduction to the advanced skills required by a Speech-Language Pathologist Assistant (SLPA) in understanding speech disorders and providing intervention for articulation, phonology and motor speech disorders. Fluency, voice and swallowing disorders are also discussed. In-person lab attendance at Medicine Hat College or an affiliated site may be required.

**Hours:** 84 hrs (3-3)

**Credits:** 4

## **SLPA 216 • SLPA Therapeutic Processes II**

**Prerequisite:** Minimum of a C grade in SLPA 212

The course focus is on the essential background, knowledge and skills for a Speech-Language Pathologist Assistant (SLPA) to provide intervention to clients of all ages with developmental and acquired language disorders. In-person lab attendance at Medicine Hat College or an affiliated site may be required.

**Hours:** 84 hrs (3-3)

**Credits:** 4

## **SLWK (Social Work)**

### **SLWK 100 • Introduction to Social Work Practice**

SLWK 100 is a foundation course for the Social Work program. You study the history of Social Work and learn the basic theoretical principles, concepts and values of Generalist Social Work Practice, and how to apply these principles in a variety of helping situations. You will also be asked to reflect on your own values and beliefs and to evaluate your compatibility with the Social Work profession. Learning about stress, reactions to stress, and stress management is also a key component of the course.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### **SLWK 101 • Social Work Theories & Practice**

**Prerequisite:** Minimum of a C grade in SLWK 100

SLWK 101 is a continuation of SLWK 100 with a focus on areas of Generalist Practice and theoretical models of Social Work practice. Students will also learn about the Social Work Code of Ethics and Standards of Practice.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### **SLWK 102 • Social Problems & Policies**

The focus of SLWK 102 is an exploration of social issues, problems and concerns, and a review and analysis of social policies as they relate to the development and delivery of appropriate social services. You will learn what constitutes a social problem and how social policies are developed.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### **SLWK 103 • Social Work with Individuals**

**Prerequisites:** Minimum of a C grade in IDST 100 & SLWK 100

SLWK 103 concentrates on the further development of social work attitudes and skills focusing on working with individuals and the close examination of worker attitudes as a help or a hindrance in working with individuals. This course focuses on expanding interpersonal communication skills, exploring the role of the helper, and developing counselling skills. Students will also learn about the interviewing process and the development of the counselling relationship.

**Hours:** 42 hrs (1.5-1.5)

**Credits:** 3

### **SLWK 105 • Social Work with Groups**

**Prerequisites:** Minimum of a C grade in IDST 100 & SLWK 100

SLWK 105 is designed to further develop and refine social work skills for working with groups. The class is designed to create experiential learning opportunities in a group environment. Students will learn about group development process, stages of group development, types of groups, and theories related to Social Work with groups. Students will also learn about themselves as group leaders and as group members.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### **SLWK 206 • Evidence-based practice in Social Work: Research, Leadership & Indigenous Ways of Knowing**

**Prerequisites:** Minimum of a C grade in IDST 100 & SLWK 101 & SLWK 102

This is a multi-faceted course that will allow you to be well-rounded in your entry to practice as a social worker. The emphasis of this course includes introducing the capacity for multiple world views and ways of knowing, specifically an Indigenous Way of knowing. Students will gain an understanding of research and applied research within the social service sector. Research will be taught from both an Indigenous and a Western lens, increasing an appreciation and capacity for multiple ways of knowing and being. In the second half of the course you will engage in an introduction to concepts of human service organizations which will prepare you for entry level practice. Students will learn concepts of organizational culture, theories of organization and leadership and a strong focus on self-leadership and reflective practice.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### **SLWK 208 • Social Work with Families**

**Prerequisites:** Minimum of a C grade in SLWK 101 & SLWK 102 & (SLWK 103 or HLSC 220) & (SLWK 105 or HLSC 320)

SLWK 208 provides you with a framework for understanding the diversity and changing concepts of family dynamics as related to social work practice and to develop skills for working with families. Students will apply social work processes to working with families and learn about theories of family, problems and how they manifest in families, reflecting on your personal values of family, and view the family as a client.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **SLWK 209 • Social Work with Communities**

**Prerequisite:** Minimum of a C grade in (SLWK 103 or HLSC 220) & (SLWK 105 or HLSC 320) & SLWK 206

The focus of the course is on community practice and theory. SLWK 209 provides you with an opportunity to develop skills in community organization and development. Students will learn about the application of the social work process to community, exploring community development, social determinants of health, capacity building, and partnership development. Students will also learn to view the community as the client.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **SLWK 211 • Social Work with Mental Health, Trauma, and Addictions**

**Prerequisites:** Minimum of a C grade in SLWK 101 & SLWK 102 & (SLWK 103 or HLSC 220) & (SLWK 105 or HLSC 320)

SLWK 211 provides students with an understanding of the many inter-related factors that affect various client populations and the roles of social workers in dealing with mental health, trauma, and addictions. Students will learn the importance of a cross cultural perspective, and to examine traditional beliefs and assumptions about mental health and addictions. From a best practices model students will review creative preventative programs looking at the social determinants of health. Students will be invited to challenge their personal views about mental health and addictions.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **SLWK 212 • Social Work Practicum I**

**Prerequisites:** Minimum of a C grade in SLWK 101 & SLWK 102 & (SLWK 103 or HLSC 220) & (SLWK 105 or HLSC 320)

SLWK 212 involves supervised study and practice. Students will spend 24-32 hours a week in a social service agency. After an initial orientation period, students are expected to assume responsibility for assigned agency duties in order to enhance their knowledge, skills, values and attitudes in social work methods. During agency work, attention is given to teaching students specific skills, developing competence in terms of offering services to clients, and participating in overall agency programs. Biweekly seminars focus on integrating the program philosophy, common themes and social work theory with practicum experiences. Direct Field hours = 350 hrs, Integration Seminar hours = 21, TOTAL HOURS = 371 hrs NOTE: Students must receive a minimum of a "C" grade in Social Work Practicum I in order to go on to Social Work Practicum II. Additional Requirements: Prior to starting practicum students must receive certification in Applied Suicide Intervention Skills Training (ASIST). Students are responsible for the cost.

**Hours:** 371 hrs (1.5-25P)

**Credits:** 9

## **SLWK 213 • Social Work Practicum II**

**Prerequisite:** Minimum of a C grade in SLWK 206 & SLWK 208 & SLWK 212

SLWK 213 involves supervised study and practice. Students spend 24-32 hours a week in a social service agency. After an initial orientation period, students are expected to assume responsibility for assigned work in order to enhance their knowledge, skills, values, and attitudes in social work methods, and actively engage in social work practice. During agency work, attention is given to teaching you specific skills, developing competence in terms of offering services to clients, and participating in overall agency programs. Biweekly seminars focus on integrating the program philosophy, common themes

and social work theory with practicum experiences. Direct Field hours = 350 hrs, Integration Seminar hours = 21, TOTAL HOURS = 371 hrs. NOTE: Students must achieve a minimum of a "C" grade in this placement in order to get credit for the course.

**Hours:** 371 hrs (1.5 - 25P)

**Credits:** 9

## **SLWK 219 • International Social Work**

**Prerequisite:** Approval of the Program Coordinator

This is the preparation course for the International Practicum. Students must successfully complete this course in order to participate in the international practicum. In this course students will learn about social work in an international context. Students explore the similarities and differences of social work practice in another country and in Canada. This course is only offered when SLWK 220 is in place.

**Hours:** 21 hrs (1.5-0)

**Credits:** 1.5

## **SLWK 220 • International Social Work Practicum**

**Prerequisites:** Minimum of a C grade in SLWK 101 & SLWK 102 & SLWK 103 & SLWK 105 & SLWK 219

This course involves supervised study and practice abroad. An international practicum gives students new perspectives on social work, greater cultural awareness and an appreciation of comparative social policies. This course will be a block placement opportunity eight weeks in duration and will include both practice and seminar components. The seminars focus on integrating the program philosophy, common themes and social work theory with practicum experiences. This opportunity is open as a first or second practicum requirement. In addition to tuition costs, students are also responsible for the expenses of any required vaccinations, travel insurance, and incidentals. This course is only available when there is sufficient student interest and available program resources.

**Hours:** 344 hrs (3-40P) 8 wks

**Credits:** 7.5

## **SOCI (Sociology)**

### **SOCI 201 • Introductory Sociology**

This course provides a foundation for sociological inquiry and consideration of important topics including socialization, group development and cohesion, social inequality. In doing so, it provides an introduction to sociological thought and theory. NOTE: Students cannot receive credit for both SOCI 201 and SLGY 1101.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### **SOCI 203 • Current Social Issues**

This course draws on different sociological perspectives and theories to consider social issues such as population growth, industrial conflict, abortion, drug abuse, and the status of women. Each of these current social issues is given critical engagement and analysis, thereby demonstrating the broad treatment sociologists give each. NOTE: This course is not a substitute for SOCI 201.

**Hours:** 42 hrs (3-0)

**Credits:** 3

# SOCI

## **SOCI 205 • Canadian Society**

An examination of the major institutions of Canadian Society, consideration is given to the diversity of the Canadian population and to the dynamics of contemporary patterns of social change. NOTE: This course is not a substitute for SOCI 201.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **SOCI 225 • Criminology**

**Prerequisite:** SOCI 201

Criminology is the search for, and explanation of, general patterns characterizing the socially unacceptable and/or law breaking behavior of individuals. This course is an introduction to the sociological study of crime and critical appraisal of theoretical explanations and methods of conducting research. NOTE: Students cannot receive credit for both SOCI 225 and SLGY 2229.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **SOCI 305 • Sociology of Work**

**Prerequisite:** Any 200-level Sociology (SOCI 201 recommended)

This course uses the students' own experiences of work as the starting point for exploration of paid and unpaid work in a globalized world. Topics include the following: definitions of work, employment relations, carework, international migration of workers, education and work, precarious work, outsourcing, offshoring, defining skill and competence, job satisfaction, finding a job, rewards of work, occupational health and safety, unemployment, and retirement.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **SOCI 313 • Research Methods in Social Science**

**Prerequisites:** Any 200-level PSYC or SOCI 201 or permission of the Dean

This course will introduce you to experimental and nonexperimental research methods in social science. You will learn to think critically about research claims in the social sciences, develop an awareness of ethical concerns in research, and gain understanding of research methodology. NOTE: Credit will be only be granted for one of PSYC 312 or SOCI 313.

**Hours:** 84 hrs (3-3)

**Credits:** 4

## **SOCI 321 • Youth Crime**

**Prerequisite:** Any 200-level Sociology (SOCI 201 recommended)

This course examines the nature and extent of youth crime in Canada and its treatment and control. Matters to be examined include family, school, peers, and the economy as influences; legislation, and social responses to youthful deviance; theories of delinquency; measurement of youth crime; public policy; and future trends.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **SOCI 325 • Deviant Group Behaviour**

**Prerequisite:** Any 200-level Sociology (SOCI 201 recommended)

This course provides systematic analyses of deviant group behavior with an emphasis on the non-legal aspects of deviance. In particular, this course emphasizes deviant subcultures and the ways in which sociologists consider deviance. Through a sociological lens, the course examines histories in which LGBT+ communities, mental health conditions, and other identities have been mislabeled as deviant.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **SOCI 333 • Offender Rehabilitation**

**Prerequisites:** Any 200 level PSYC or SOCI course (PSYC 205 or SOCI 201 is highly recommended)

This course will examine how society attempts to rehabilitate those who have contravened the law. The focus will be on Canadian criminal justice, but relevant global approaches to offender rehabilitation will also be considered. Both the theory and practice of rehabilitative practices will be explored.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **SOCI 345 • Mass Communication**

**Prerequisite:** Any 200-level Sociology (SOCI 201 recommended)

This course provides an analysis of socio-psychological effects of the mass media of communication, radio, television, movies, comic books, etc.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **SOCI 357 • Human Ecology**

**Prerequisite:** Any 200-level Sociology (SOCI 201 recommended)

Human Ecology integrates information from diverse disciplines in exploring the evolution of human social systems. Among the topics examined are ecological principles and paradigms; the emergence and evolution of human societies; the effects on human society of the transition from food collecting to food production; the emergence of social stratification; the development of the state and civilization; the challenges of urban life; the impact on human populations of disease, especially newly emerging and re-emerging diseases; the population explosion and the impact on human society of globalization.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **SOCI 361 • Comparative Social Organization**

**Prerequisite:** Any 200-level Sociology (SOCI 201 recommended)

The focus of this course is the study of social groups and organizations, stratification, conflict, and change.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **SOCI 365 • Social Stratification**

**Prerequisite:** Any 200-level Sociology (SOCI 201 recommended)

This course serves as an introduction to social inequality and the major sociological theories of social stratification. It examines multiple avenues of stratification and the ways in which social structure enables and constrains individuals in negotiating social inequalities. It specifically draws on student experiences to consider and interrogate everyday social inequality.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **SOCI 371 • Sociology of Families**

**Prerequisite:** Any 200-level Sociology (SOCI 201 recommended)

This course interrogates notions of families and family life. It does so through consideration of coupling, child rearing and family systems as well as processes of aging and change within families throughout the life course. In doing so, it provides a foundation for further study of families and family life. NOTE: Students cannot receive credit for both SOCI 371 and SLGY 2271.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **SOSC (Soil Science)**

### **SOSC 213 • Soil Resources**

This course provides an investigation into the formation, description, identification, and classification of soils. The lab emphasizes the basic biological, chemical, and physical techniques used to describe and classify soils. Emphasis is placed on management of soil as a resource in natural and altered ecosystems.

**Hours:** 70 hrs (3-2)

**Credits:** 4

## **SOST (Social Studies)**

### **SOST 0030-1 • Social Studies 30-1**

This course follows the Alberta Education Curriculum for Social Studies 30-1. The Alberta diploma exam is not required to receive College upgrading credit for this course. This course is delivered in partnership with Coulee Collegiate and Sunrise Collegiate. Students cannot receive credit for SOST 030-1 and SOST 030.

**Hours:** 120.45 hrs (6.6-2T)

**Credits:** 4

### **SOST 0030-2 • Social Studies 30-2**

This course follows the Alberta Education Curriculum for Social Studies 30-2. The Alberta diploma exam is not required to receive College upgrading credit for this course. This course is delivered in partnership with Coulee Collegiate and Sunrise Collegiate. Students cannot receive credit for SOST 030-2 and SOST 033.

**Hours:** 120.45 hrs (6.6-2T)

**Credits:** 4

## **SPAN (Spanish)**

### **SPAN 101 • Beginners' Spanish I**

Introduction to Spanish designed to meet your needs if you have no previous knowledge of the language and if you want to learn the language for practical reasons (for example, for purposes of travel, tourism, and basic commerce). The course provides instruction in all aspects of communication in Spanish (listening, speaking, reading, and writing). NOTE: Not to be taken by students with native or near native proficiency in Spanish, or with credit in Spanish 30 or its equivalents in Canada and other countries.

**Hours:** 70 hrs (4-1)

**Credits:** 4

### **SPAN 103 • Beginners' Spanish II**

**Prerequisite:** SPAN 101

Continuation of SPAN 101. NOTE: Not to be taken by students with native or near native proficiency in Spanish, or with credit in Spanish 30 or its equivalents in Canada and other countries.

**Hours:** 70 hrs (4-1)

**Credits:** 4

### **SPAN 201 • University Transfer: Beginners' Spanish I**

This is a comprehensive Spanish course designed to meet your needs if you are a university transfer student with no prior knowledge of the language. The course includes training in listening, speaking, reading and writing of Spanish in its cultural context. SPAN 201 and its continuation course, SPAN 203, are designed to prepare you for more advanced level university study in the language. NOTE: Not to be taken by students with native or near native proficiency in Spanish, or with credit in Spanish 30 or its equivalents in Canada and other countries.

**Hours:** 70 hrs (4-1)

**Credits:** 4

### **SPAN 203 • University Transfer: Beginners' Spanish II**

**Prerequisite:** SPAN 201

Continuation of Spanish 201. NOTE: Not to be taken by students with native or near native proficiency in Spanish, or with credit in Spanish 30 or their equivalents in Canada and other countries.

**Hours:** 70 hrs (4-1)

**Credits:** 4

## **SPCH (Speech)**

### **SPCH 2001 • Introduction to Public Speaking**

This course provides an introduction to current theories of communication. An understanding of effective communication and its potential is promoted through participation in a variety of speaking situations. Opportunity is given for group discussion; audience analysis; development of good listening habits and how to research, organize and prepare various types of speeches. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.* NOTE: Students cannot receive credit for both SPCH 2001 and COMM 250.

**Hours:** 42 hrs (3-0)

**Credits:** 3

# STAT - SUST

## STAT (Statistics)

### STAT 213 • Introduction to Statistics I

**Prerequisites:** MATH 0030-1 or MATH 0030-2 or equivalent

Introduction to the collection and presentation of data. You receive an introduction to probability including Bayes' law, expectations and distributions. The properties of the normal curve will be discussed. An introduction to estimation and hypothesis testing is also provided.

**Hours:** 70 hrs (3-2)

**Credits:** 4

### STAT 217 • Introduction to Statistics II

**Prerequisites:** STAT 213 or STAT 251 or STAT 333

This course includes estimation of population parameters, confidence intervals for means, and choice of sample size. You also cover topics such as test of hypotheses including two-sample tests and paired comparisons, the Chi-squared tests for association and goodness-of-fit, regression and correlation, variance estimates, tests for regression and correlation coefficients, non-parametric methods and associated tests, analysis of variance.

**Hours:** 70 hrs (3-2)

**Credits:** 4

### STAT 251 • Introduction to Applied Statistics

**Prerequisites:** MATH 0030-1 or MATH 0030-2 or equivalent

This course provides an introduction to data collection, its graphical representation, and descriptive statistics. Correlation, linear regression, probability distributions, random variables, sampling distributions, and the central limit theorem are examined. Inferential statistics including confidence intervals, hypothesis tests, population proportions, Chi-square goodness of fit, and analysis of variance are also studied.

**Hours:** 70 hrs (3-2)

**Credits:** 4

### STAT 333 • Statistics for the Life Sciences

**Prerequisites:** MATH 0030-1 or MATH 0030-2 or equivalent

Data analysis, relationships between variables, and graphical representation of data will be demonstrated. Probability, random variables, and sampling distributions will be explored. Topics in inferential statistics include hypothesis testing, Chi-square analysis, population proportions, and ANOVA. Application of statistical tests will involve biological and medical scenarios.

**Hours:** 84 hrs (3-3)

**Credits:** 4

## SUST (Sustainable Innovation)

### SUST 111 • Creativity and Changing Perspectives

This course examines the cues that trigger us to consider being creative and provides a road map of the creative. Students explore the thinking process that can be used to recognize new opportunities and develop new ideas more efficiently and effectively.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### SUST 112 • Introduction to Social Innovation

This course provides an introduction of the field of social innovation or social entrepreneurship and working for an organization that wants to increase its social impact. It will take students to a journey of exploring the complex problems that surround us and that make a positive impact in today's society. Students will learn ships that will enable them to start and evolve as a change.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### SUST 113 • Regenerative Design

This course gives the students the framework to evaluate and promote the future of sustainability, pushing the limits of good practices to best practices. Key areas of focus will include: identifying regenerative projects, creating regenerative processes, and helping them to understand the value of becoming a regenerative change agent.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### SUST 114 • Sustainability & Systems Thinking

This course will introduce the definition of sustainability and the study of systems. Students will begin their journey of lifelong learning and the disciplines that enable them to integrate systems thinking principles and practices into their studies. Students will be using a very specific framework to promote the study of systems using various case studies and examples.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### SUST 121 • Sustainability & Modelling

This focuses on techniques and tools that will help influence Operational, Closed-Loop and Non-Linear Thinking. Model Construction will highlight the steps required to fully describe, analyze and evaluate a system.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### SUST 122 • Building and Sustaining Innovative Organizations

**Prerequisite:** SUST 112 or SUST 211

This course provides core innovation strategies on how to create unique value for consumers by delivering sustainable innovative products and services that shape consumer behavior. Students will learn the four pillars of a successful product or service strategy: The Who, What, Where, and How.

**Hours:** 42 hrs (3-0)

**Credits:** 3

### SUST 123 • Building Community

This course is designed to build the skills required to be effective community participants. It will reinforce and analyze ideas from inception (the dream), to carefully constructing the idea (repairing the world) and finally to validate with reflection (what will make the world a better place!)

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **SUST 124 • Sustainability and Corporate Social Responsibility**

**Prerequisite:** SUST 114 or SUST 231

This course provides an overview of the response to the challenges of the modern world. Students learn how sustainability is a comprehensive approach to management of organizations which is focused on creating and maximizing long-term economic, social and environmental value.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **SUST 129 • Sustainability by Design**

**Prerequisite:** SUST 114 or SUST 231

This course provides an overview of the interactions between human and urban systems. Students will apply behavioral and sociological fundamentals using examples of sustainable community designs.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **SUST 212 • Design Thinking**

**Prerequisite:** SUST 114 or SUST 231 & SUST 129 or SUST 291

This course introduces topics identifying regenerative projects, creating regenerative processes, and helping them to understand the value of becoming a regenerative change agent. all over the world and develop the concepts, mindset, skills, and relations.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **SUST 213 • Managing Innovation Initiatives**

**Prerequisite:** SUST 112 or SUST 261

This course builds on research supports that general ideas to students to develop a perspective on managing innovation initiatives to achieve a strategic intent. Students will investigate the particulars of managing innovation when disruptive case studies and examples.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **SUST 222 • Innovation & Strategic Implementation**

**Prerequisites:** SUST 213 or SUST 321

This course provides a greater understanding and the skills to using a very specific framework to promote the study of systems using various case studies and examples.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **SUST 229 • Sustainable Innovation Project**

**Prerequisites:** SUST 212 or SUST 301 & SUST 213 or SUST 321

This course provides students with an opportunity to synthesize and apply learning from the taught concepts of the program to a project of their choosing. There is scope within this module for students to undertake a broad range of sustainable innovation in business or science project types, including consultancy, case study, business analysis, business development, or academic study.

**Hours:** 42 hrs (3-0)

## **SUST 299 • Sustainable Innovation Work Integrated Learning**

**Prerequisite:** SUST 229 or SUST 391

This experiential learning experience will integrate all the courses concepts within it. It will involve analysis of a situation concerning a new enterprise – a venture of one's own or within a larger organization – to develop the current business model and compare against alternative business models to identify potential opportunities and challenges. Graded on a CR (Pass)/NC (Fail) basis.

**Hours:** 240 hrs (0-30) 8 wks

**Credits:** 6

## **SUST 311 • Strategic Management & Innovation**

**Prerequisite:** SUST 281

This course explores the evolving world of business strategy, focusing on the increasingly important roles of design, end-user experience, and innovation in shaping competitive advantage. Students will learn about concepts such as goal setting, value creation, global integration, ethics and corporate social responsibility, diversification, and the triple bottom line in the context of new business realities.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **TAPC (Therapist Assistant Program)**

### **TAPC 110 • Introduction to Health Care and Rehabilitation**

This course provides a study of Canada's current health care system with a detailed focus on rehabilitation philosophy and the professions of physical therapy, occupational therapy, and speech-language pathology. The roles of the occupational therapist assistant / physical therapist assistant and speech-language pathologist assistant are introduced. Skills and knowledge are developed through exposure to clinical rehabilitation settings, institutional policies and procedures, universal precautions, and documentation.

**Hours:** 56 hrs (1.5-2.5)

**Credits:** 3

### **TAPC 111 • Rehabilitation Process**

**Prerequisites:** A minimum of a C grade in IDST 100 & KNES 261 & TAPC 110

This course provides a continuation of the introduction to client care practices and procecare practices and processes in rehabilitation. Fundamental knowledge and skills, including monitoring client health, ethics, disability awareness, helping relationships, challenging behaviors,teaching fundamentals, body mechanics, positioning and draping, client instruction, group work, and administrative activities, prepare the occupational therapist assistant/physical therapist assistant and speech-language pathologist assistant for the clinical role.

**Hours:** 70 hrs (3-2)

**Credits:** 4

### **TAPC 112 • Health Disorders & Conditions in Rehabilitation**

**Prerequisites:** A minimum of a C grade in IDST 100 & KNES 261 & TAPC 110

This course provides an introduction to developmental, physical, and mental health conditions experienced by rehabilitation clients. Topics include essential terms, etiology, signs, symptoms, and medical/ rehabilitation goals and interventions, as well as primary and long-term effects of the condition.

**Hours:** 56 hrs (3-1)

**Credits:** 3

# TAPC - TRAD

## **TAPC 113 • Growth and Development for Rehabilitation Service Providers**

**Prerequisites:** A minimum of a C grade in IDST 100 & KNES 261 & TAPC 110

This course provides an introduction to the study of growth and development across the lifespan with an emphasis on speech and language, physical, motor, cognitive, sensory, and social development, including their underlying physiological processes. The focus will be the applicability of this information to rehabilitation service providers.

**Hours:** 60 hrs (3-1.25)

**Credits:** 3

## **TAPC 209 • Directed Study**

**Prerequisite:** Coordinator approval

This is a bridging course to assist blending previous education and experience into current program requirements. The focus is on addressing topics specific to the individual needs of the occupational therapist assistant/physical therapist assistant and speech-language pathologist assistant student.

**Hours:** 42 hrs (3-0)

**Credits:** 3

## **TAPC 210 • Professional Integration for the Therapist Assistant**

**Prerequisites:** A minimum of a C grade in OPTA 212 or SLPA 212

This is an integrative course covering current rehabilitation topics, including research, interprofessional collaboration, and professional rehabilitation organizations. The capstone project includes the development and presentation of a professional poster.

**Hours:** 14 hrs (1-0)

**Credits:** 1

## **TAPC 218 • Career Preparation for the Therapist Assistant**

**Prerequisites:** (A minimum of a C grade in OCTA 215 & OCTA 216 & PHTA 215 & PHTA 216 & TAPC 210) or (SLPA 160 (or DBSS 160) and a minimum of a C grade in SLPA 215 & SLPA 216 & AUDA 212 & TAPC 210)

**Corequisite:** one of the following: OCTA 217, OPTA 217, PHTA 217, SLPA 206, or SLPA 207

This online course provides the employment-seeking occupational therapist assistant/physical therapist assistant and speech-language pathologist assistant with knowledge and skills necessary to enter the workplace, with a focus on the job search process. This course should be completed concurrently with a fieldwork course.

**Hours:** 14 hrs (1-0)

**Credits:** 1

## **TCOM (Technical Communications)**

### **TCOM 110 • Technical Communications**

This course covers written and oral communication skills for preparing and presenting scientific and technical reports. Basic writing skills, oral communication skills, and communication graphics (charts, figures, data) are discussed. Communication skills also involve building arguments based on evidence; this course introduces methods of finding, evaluating, and citing scientific references (and other information sources) to back up arguments. Students will write a scientific report and build a resume.

**Hours:** 70 hrs (3-2)

**Credits:** 4

### **TCOM 111 • Technical Communications for Arts Students**

This course focuses on the development of effective writing skills. Students will learn and practice language fundamentals, such as grammar and punctuation, as well as sentence and paragraph construction. Other communication skills covered include building evidence-based arguments for academic discussions; delivering oral presentations; and finding, evaluating, integrating, and citing academic references.

**Hours:** 42 hrs (3-0)

**Credits:** 4

## **TRAD (Trades)**

### **TRAD 100 • Introduction to Trades I**

This is an introductory level course providing students with an opportunity to learn about careers in seven trades: pipe trades (plumbing, gas, and steam), welding, carpentry, electrical, automotive service technician, heavy equipment service technician, and power engineering technology. Students will be exposed to theory specific to each trade; and the use of materials, tools, and hand skills to complete hands-on projects in each of the trades. Along with hands-on shop experience, students will also learn health and safety requirements, theory, and employment opportunities in each trade. Health and safety topics will include an introduction to legislative requirements; industry and task specific requirements; and the use of personal protective equipment (PPE). Students will participate in hands-on lab activities after completing online/distance theory necessary for the following shop class. This course will help students discover their level of interest and talent for a rewarding career in the trades

**Hours:** 82 hrs (2.86-3)

**Credits:** 4

### **TRAD 111 • Introduction to Trades II - Automotive & Heavy Equipment Service**

**Prerequisite:** TRAD 100

Building on TRAD 100, this is an intermediate level course where students will focus their studies in two trades in the transportation sector; Heavy Equipment Technician (HET) or Automotive Service Technician (AST). This course will provide an increased level of specialization, with exposure to more advanced topics in these trades. Hands-on shop time will be preceded by theory that will prepare the students for their upcoming shop class.

**Hours:** 82 (2.86-3)

**Credits:** 4

### **TRAD 112 • Introduction to Trades II - Steamfitter & Power Engineering**

**Prerequisite:** TRAD 100

Building on TRAD 100, this is an intermediate level course where students will focus their studies in the Steamfitter/Pipefitter trade and Power Engineering Technology. This course will provide an increased level of specialization, with exposure to more advanced topics in these trades. Hands-on shop time will be preceded by theory topics that will prepare the students for their upcoming shop class.

**Hours:** 82 (2.86-3)

**Credits:** 4

## **TRAD 113 • Introduction to Trades II - Plumbing & Electrical**

### **Prerequisite: TRAD 100**

Building on TRAD 100, this is an intermediate level course where students will focus their studies in two trades in the construction sector; Plumbing, and Electrical. This course will provide an increased level of specialization, with exposure to more advanced topics in these trades. Hands-on shop time will be preceded by theory topics that will prepare the students for their upcoming shop class.

**Hours:** 82 (2.86-3)

**Credits:** 4

## **TRAD 114 • Introduction to Trades II - Carpentry & Welding**

### **Prerequisite: TRAD 100**

Building on TRAD 100, this is an intermediate level course where students will focus their studies in two trades in the construction sector; Carpentry, and Welding. This course will provide an increased level of specialization, with exposure to more advanced topics in these trades. Hands-on shop time will be preceded by theory topics that will prepare the students for their upcoming shop class

**Hours:** 82 (2.86-3)

**Credits:** 4

## **ZOOL (Zoology)**

### **ZOOL 224 • Vertebrate Diversity**

#### **Prerequisite: BIOL 233**

This course is a survey of the major lineages of vertebrates, emphasizing evolutionary relationships and classification, as well as characteristics and adaptations of the major groups.

**Hours:** 84 hrs (3-3)

**Credits:** 4

### **ZOOL 375 • An Introduction to Invertebrate Zoology**

#### **Prerequisite: BIOL 233**

This course provides a structural, functional, and phylogenetic survey of protist and metazoan invertebrate phyla that comprise a majority of all animals with an emphasis on the lophotrochozoan Canada's streams, lakes and oceans, including insect and parasite representatives. emphasis the functional morphology of major phyla occurring in Canada's streams, lakes and oceans, including insect and parasite representatives.

**Hours:** 84 hrs (3-3)

**Credits:** 4

### **ZOOL 377 • Comparative Anatomy of the Vertebrates**

#### **Prerequisite: ZOOL 224**

This course focuses on comparative anatomy of the vertebrates; providing an understanding of the functional and structural organization, development, and adaptive radiation of vertebrates in the environment.

**Hours:** 84 hrs (3-3)

**Credits:** 4





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