



MEDICINE HAT
COLLEGE

ACADEMIC CALENDAR 2023/24

MEDICINE HAT COLLEGE
WWW.MHC.AB.CA





Welcome to Medicine Hat College

Now is your time. Time to grow. Time to create. Time to explore.

Deciding to attend Medicine Hat College is a great first step. Whether you're looking to prepare for a specific career path or build a solid foundation for further education, we're here to help.

Proudly serving the communities of southeastern Alberta while welcoming learners from around the globe, Medicine Hat College offers more than 40 certificate, diploma, degree, trades, and university studies programs with flexible delivery options available. Choose from a wide array of programs in our Schools of Arts, Science & Education, Business & Continuing Studies, Health & Community Services, and Trades and Technology.

Our partnerships – on campus and in our communities – give you access to resources and experiences that enhance your learning. Work integrated learning opportunities, entrepreneur development, and innovation projects are all ways to add depth and value to your education.

Our student experience is unique, just like you. At MHC, you'll find dedicated faculty and staff that 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.

A college education is also about developing relationships, encouraging growth and building community. Take time to meet new people and explore new interests. Engage with the Students' Association, learn about other cultures or join a club. Try out for a Rattlers Athletics team or cheer them on from the stands in the Snake Pit. We encourage you to enjoy the moment, have some fun, and get the most from your college experience.

It's time to start your journey at Medicine Hat College.

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, as well as at the provincial level.

The SAMHC provides multiple services for students to take advantage of, including our Blackboard page to help keep up to date on important deadlines and upcoming events. We also provide assistance with academic appeals, peer support, schedule numerous events throughout the year and maintain a student food bank for when or if the need arises. As well, if you have some spare time, and the inclination, 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.

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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 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. 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.

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 2023-2024

July 2023

July 1 Canada Day (College Closed)
July 3 College Closed in lieu of Canada Day

August 2023

August 1 Fall Semester Residence Due
..... Applications Close for Summer 2023
..... Applications Open for Spring 2024
August 7 Heritage Day (College Closed)
August 23 College Day (College Closed to the public and no classes)

September 2023

September 4 Labour Day (College Closed)
September 5 New Student Orientation
..... Domestic Applications close for Fall 2023
September 6 Credit Classes Begin
September 13 Course Add Deadline
September 20 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

October 2023

October 2 College Closed to the public and no classes in lieu of National Day for Truth & Reconciliation
October 3 Applications Open for Fall 2024
October 9 Thanksgiving Day (College Closed)

November 2023

November 1 International Applications Close for Winter 2024
November 8 & 9 Student Study Break (No Classes)
November 10 College Closed in lieu of Remembrance Day
November 11 Remembrance Day
November 23 Course Withdraw Deadline to receive a "W" grade

December 2023

December 1 Winter Semester Residence Fees Due
December 12 Last day of Credit Classes
December 13- 21 Exams for Credit Classes
December 21 Domestic Applications close for Winter 2024
December 22-31 Christmas Break (College Closed)

January 2024

January 1 New Year's Day (College Closed)
January 2 College Open - Winter Student Orientation
January 3 Credit Classes Begin
January 10 Course Add Deadline
January 16 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 2024

February 1 International Applications close for Spring 2024
February 19 Family Day (College Closed)
February 20 - 23 Student Study Break (No Classes)

March 2024

March 21 Course Withdraw Deadline to receive a "W" grade
March 29 Good Friday (College Closed)

April 2024

April 1 Easter Monday (College Closed)
April 10 Last Day of Credit Classes
April 15-24 Exams for Credit Classes

ACADEMIC SCHEDULE 2023-2024

May 2024

May 1	Credit Classes Begin for Spring Session May Session and May/June Session
	Domestic Applications Close for Spring 2024
	Application deadline for Education, Social Work, Nursing, OTA/PTA, Practical Nurse
	Domestic Applications Open for Summer 2024
	2024 -2025 Credit Class Registration Begins
May 2	Course Add Deadline for Spring May Session
May 3	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 20	Victoria Day (College Closed)
May 23	Course Withdraw Deadline for Spring May Session to receive a "W" grade
May 30	Credit Courses end for Spring May Session

June 2024

June 1	Applications open for Winter 2025
June 2	Domestic Applications Close for Spring 2024
June 3	Credit Classes Begin for Spring June Session
June 4	Course Add Deadline for Spring June Session
June 5	Course Drop Deadline for Spring June Session
June 7	Tuition & Fees Deadline for Spring June Session
June 14	Spring Convocation
June 15	International Applications Close for Fall 2024
June 17	Course Withdraw Deadline for Spring May/June Sessions to receive a "W" grade
June 21	Course Withdraw Deadline for Spring June Session to receive a "W" grade
June 27	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 2024-2025

July 2024

July 1 Canada Day (College Closed)

August 2024

August 1 Fall Semester Residence Fees Due

..... Applications Open for Spring 2024

..... Applications Close for Summer 2023

August 5 Heritage Day (College Closed)

August 21 College Day (College Closed)

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 Add Deadline

September 18 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 College Closed to the public and no classes in lieu of National Day for Truth & Reconciliation

October 2024

October 1 Applications Open for Fall 2025

October 14 Thanksgiving Day (College Closed)

November 2024

November 1 International Applications Close for Winter 2025

November 11 Remembrance Day (College Closed)

November 12 & 13 Student Study Break (No Classes)

November 21 Withdraw with "W" Grade Deadline

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 2024

December 22-31 Christmas Break (College Closed)

January 2025

January 1 New Year's Day (College Closed)

January 2 College Open

January 3 Winter Student Orientation

January 6 All Credit Classes Begin

January 10 Add Deadline

January 17 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 2025

February 1 International Applications close for Spring 2025

February 17 Alberta Family Day (College Closed)

February 28-21 Student Study Break (No Classes)

March 2025

March 25 Withdraw with "W" Grade Deadline

April 2025

April 1 Easter Monday (College Closed)

April 10 Last Day of Credit Classes

April 12-25 Exams for Credit Classes

April 18 Good Friday (College Closed)

April 21 Easter Monday (College Closed)

ACADEMIC SCHEDULE 2024-2025

May 2025

May 1	Domestic Applications close for Spring 2025
.....	Application deadline for Education, Social Work, Nursing, OTA/PTA, Practical Nurse
.....	Applications open for Summer 2025
.....	Credit Classes Begin for Spring May and May/June Session
.....	2025/2026 Credit Class Registration Begins
May 2	Add Deadline for Spring May Session
May 3	Drop Deadline for Spring May Session
May 5	Add Deadline for Spring May/June Session
May 6	Last day to pay tuition and fees for Spring May & May/June Session
May 8	Drop Deadline for Spring May/June Session
May 20	Victoria Day (College Closed)
May 26	Withdraw with "W" Grade Deadline for Spring May Session
May 30	Credit Classes End for Spring May Session

June 2025

June 1	Applications Open for Winter 2026
June 2	Domestic Applications Close for Spring 2025
June 3	Credit Classes Begin for Spring June Session
June 4	Add Deadline for Spring June Session
June 5	Drop Deadline for Spring June Session
June 7	Last day to pay tuition and fees for Spring June Session
June 14	Spring Convocation
June 15	International Applications Close for Fall 2025
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 MHC



ABOUT MEDICINE HAT COLLEGE

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

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 e-mail or by telephone.

Academic Coaching Services • 403.529.3819

Academic coaching is an interactive process focused on you and the skills required for student success. Together with an academic strategist, you can examine your learning style, habits of working, current goals and any difficulties or barriers to success. Exploring your strengths and challenges and developing the necessary skills for student success can help you reach your full academic potential. The academic strategist is available for confidential, one-to-one appointments and small group meetings. Workshops on a variety of topics and drop-in times in the Vera Bracken Library at the Student Success Centre are also available.

Academic Resources Centre • 403.529.3896 • exams@mhc.ab.ca

The Academic Resources Centre offers help in a number of 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

Students who identify themselves as having disabilities can 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, 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 Student Support Office • 403.504.3503

The Indigenous Student Support Office is located in F130. We provide support and connection to Indigenous and non-Indigenous students to a wide range of academic, financial, and personal supports and services in a welcoming and supportive environment. We provide a familiar space and a sense of belonging for Indigenous/Metis/Inuit students, and serve as a link to the elders and community supports for cultural resources, teachings and events. The Indigenous Support Office welcomes all students and the community to learn and experience FNMI culture.

Library Services• 403.529.3867 (MH), 403.362.1690 (Brooks) 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 e-mail. Whether you need study space, internet, or access to computers and multimedia equipment, you can find it in the library.

Writing Support Services • F128 & F129

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 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.

Services and Facilities

Bookstore • 403.529.3809 • mhcbookstore@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 9:30 a.m. - 2:30 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/.

Bus Services

Medicine Hat City Transit provides regular bus service to the campus. For further information, check out the City of Medicine Hat transit website at www.medicinehat.ca.

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 entrée, 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. We have daily specials from the grill and entrée corner as well. In a rush, check out our Grab N Go selection of sandwiches, salads, fruit and meals to go.

ABOUT MEDICINE HAT COLLEGE

Common Grounds

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

Counselling Services • 403.529.3819 • counselling@mhc.ab.ca

Individual counselling services are available Monday to Friday between 8 am - 4:30 pm (some later appointments may also be available) for students who require additional support or referrals to community services while attending college. Groups, and programming are also available, please check for current offerings at the number/email above. Services are free to current students. Appointments are recommended and can be made by calling the number above. Walk ins are available on a Wednesday, no appointment necessary (please check for current hours). The counsellors reserve some emergency appointments during the week if a crisis appointment is needed. If you know of a student who is at risk, you can refer them to counselling services through the Students at Risk Support system online www.mhc.ab.ca/services/counsellingandcare/SARS, or by calling the number above.

Crave Pub • 403.504.3540

Crave is the campus pub that is owned and operated by Medicine Hat College. Crave hosts many different kinds of events, and is also a proud sponsor of the Rattlers Athletics program. Crave offers affordable menu items, locally sourced menu items with the student budget in mind, for pricing. We offer daily food and drink specials, and are conveniently located right here on campus, so stop in and shoot some pool, or watch one of our flat screen TVs. For your convenience we offer gift cards and takeout orders, too. For a list of our upcoming events, and daily specials, follow us on Facebook and Instagram. For reservations or special event requests please contact Dylan Ireland at direland@mhc.ab.ca. Hours of operation: Monday to Friday 11:00 a.m. - 6:00 p.m. During event nights we have extended hours. Hours of operation: Monday to Friday 11:00 a.m. – 8:00 p.m. Take-out phone number: 403.504.3540.

Financial Aid Office • 403.504.3594 • finaidinfo@mhc.ab.ca

The Student Financial Aid Office is able to provide you with information for various funding options such as student loans, grants, bursaries, and awards. They may also provide guidance for when your 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.

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. You may opt out of the Plan if you 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.

Inclusive Post-Secondary Education • 403.504.3623 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.

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 e-mail at chaplain@mhc.ab.ca, and by phone or text at 403.878.0803.

International Education • 403.529.3819 • Inted@mhc.ab.ca

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

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.

Medical Services

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.

ABOUT MEDICINE HAT COLLEGE

Parking permits (daily, hourly, monthly, semester, annual) are available for purchase through the Hotspot application and website 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.

Peer Support Centre • 403.502.8992

Need a break? Need someone to listen or to talk to? The Peer Support Centre (PSC), 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/or drug or alcohol related issues. For those seeking knowledge, the PSC also provides a wealth of printed and informal resources on all aspects of wellness. The PSC also runs a food bank where you can access a short-term supply of food and otherwise obtain assistance with food insecurity issues.

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, study desk, office chair, and closet with shelving. 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 Employment and Career Centre

The Student Employment & Career Centre provides services 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, the Student Employment & Career Centre serves as a valuable bridge between students and the careers that await them. The Student Employment & Career Centre 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, the Student Employment & Career Centre looks forward to assisting students with achieving their career-related goals.

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.

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.

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.

Lifestyle

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 as well as the annual Beach the Blues event, which offers a much needed respite in the middle of winter. The committee also organizes the annual staff, and faculty Christmas party and fun events that bring the college community together.

Clubs and Organizations

Clubs • 403.529.3925

If you are interested in forming a club on campus, you can 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.

ABOUT MEDICINE HAT COLLEGE

Students' Association • 403.529.3925 • 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 takes 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 for more information.

International Opportunities • 403.504.3615

The global community is a vital part of Medicine Hat College. The College's international activity is guided by the philosophy that education and learning is greatly enhanced by an understanding of different cultures, languages and peoples. By incorporating a global focus in its programming, serving a diverse range of Canadian and international students, and providing opportunities for work and study abroad, the College aims to provide all learners with opportunities to develop the skills and attitudes required to function successfully in an interconnected global society, world, and economy. 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.

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.

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.

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 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 and Other Opportunities

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

ADMISSIONS



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 where they may be escalated to the Associate Registrar for review.

Completion of a high school credential maybe 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 online. A \$75 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 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 from the Registrar's Office for 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: High school and post-secondary institution official 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 or 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 at www.mhc.ab.ca/elp 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 three years of full-time study.

General English Language Proficiency

English language proficiency for programs, other than those stated below that require Advanced English Language proficiency or specific to Health Care Aide ELP requirements, can be demonstrated in any one of the following ways:

1. Three years of full-time study in a province or country exempt from English Language Proficiency
2. Successful completion of EAPI 099 at Medicine Hat College with a grade of B+, or EAP 199 with a B+ and a C grade in a 3 or more credit College course
3. Successful completion of an Alberta Education English Language Arts course (or Canadian equivalent) that meets the academic requirements of the applicant's intended program of study
4. A TOEFL (Test of English as a Foreign Language) iBT (internet-based test) score of 79
5. An IELTS (International English Language Testing System) with no band score less than 6.0
6. Completion of an accredited diploma or degree at a Canadian post-secondary institution where English is the primary language of instruction
7. A Canadian Language Benchmark (CLB) with a minimum of 7 in each strand (for certificate or diploma programs only)
8. Equivalent English language exams (e.g. Pearson Test of English, CAEL, etc) at an acceptable score (see www.mhc.ab.ca/elp)

NOTE: 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.

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
- Nursing (*see note)
- Occupational Therapist Assistant/Physical/Therapist Assistant Diploma
- Bachelor of Applied Health Sciences (Paramedic)
- Practical Nurse Diploma
- Social Work Diploma
- Speech-Language Pathologist Assistant Diploma

ADMISSIONS

Advanced English Language Proficiency can be demonstrated in one of the following:

1. Three years of full-time study in a province or country exempt from English Language Proficiency
2. Successful completion of the EAPI program (as per the general requirement) plus a C grade or higher in a 200-level ENGL or COMM course (or equivalent)
3. Successful completion of an Alberta Education English Language Arts course (or Canadian equivalent) that meets the academic requirements of the applicant's intended program of study
4. A TOEFL (Test of English as a Foreign Language) iBT (internet-based test) score of 98
5. An IELTS (International English Language Testing System) with no band score less than 7.0
6. Equivalent English language exams (e.g. Pearson Test of English, CAEL, etc.) at an acceptable score (see www.mhc.ab.ca/elp)

*Note: Bachelor of Nursing

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 for more details.

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.

Health Care Aide Language Proficiency

Applicants for whom English is a Second Language (ESL) must meet the English Language Proficiency requirement in addition to the Academic English requirement. Equivalencies are as follows:

- By presenting a Canadian High School Equivalency Diploma (General Education Development-test (GED)); or
- By attending high school in Canada. Studies must have been in English at an approved Canadian high school (grades 9, 10, 11, 12) with at least three consecutive years of full-time academic study; or
- Providing evidence of attending two consecutive years of full-time equivalent post-secondary study in English in a subject other than a HCA program at a Canadian institution; or
- By completing an approved ELP Test with the required Canadian Language Benchmark (CLB): A minimum CLB of 7 in each of the 4 language skills (speaking, listening, reading and writing) and not an average of 7
- Official test results must be submitted directly to Medicine Hat College

Medicine Hat College will accept submissions from any one of the following approved ELP tests:

1. International English Language Testing System (IELTS) Academic: 6 (no section score below 5.5);
2. Test of English as a Foreign Language Internet Based Testing (TOEFL iBT): 71;
3. Canadian English Language Proficiency Index Program (CELPIP) General: 7 (with no section score below 6);
4. Canadian Language Benchmarks/Milestones Test (7 in each strand, not an average of 7);
5. Duolingo English Test*(minimum score of 95)
6. Canadian English Language Benchmark Assessment for Nurses (CELBAN): 7 in each area of listening, reading, writing and speaking, not an average of 7.

Notes:

Test Currency: results must have been obtained within two years of the start date of the program.

Test Validity: 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.

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.

ADMISSIONS

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 timelines 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 e-mail 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

Application deadlines are as follows for Canadians, Permanent Residents and Refugee applicants:

- Fall Term - September 5
- Winter Term - December 21 (limited programs available, see program list)
- Spring Term - May 1 (limited programs available, please see program list)

Application Deadline for In-demand/Competitive Programs

A number of programs at Medicine Hat College are in-demand or students are admitted on a competitive basis. The application deadline for the following in-demand and competitive programs is **May 1st**:

- Occupational Therapist Assistant/Physical Therapist Assistant Diploma
- Practical Nurse Diploma
- Social Work Diploma
- Bachelor of Nursing
- Bachelor of Education

Special enrolment students (one class only) may apply any time up until the last day to add classes for the given term.

International Student deadlines are as follows (Note: International applicants are advised to apply well in advance of the deadline depending on their country of origin in anticipation of wait times with the student visa process):

- Fall Term - June 3
- Winter Term - November 1
- Spring Term - February 1

Admissions Schedule for Winter and Spring Intakes

Some programs offer winter or spring admission intakes and include the following programs:

WINTER

Business Administration
General Studies
Health Care Aide
Humanities & Social Sciences
University Studies
Upgrading

SPRING

General Studies
Humanities & Social Sciences
University Studies
Upgrading

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). 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 additional information.

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 applicants have post-secondary coursework or credentials through recognized university, college, or technical institutions. If students have previous coursework, coursework will be assessed for transfer credit after official transcripts are received. For information on gaining credit towards program requirements, consult the section on Recognition of Prior Learning 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) or English Language Proficiency (ELP) 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/pre-practicum 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.

ADMISSIONS

Re-Admission to Medicine Hat College

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

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 STUDIES

University Studies Admission Requirements

If you are accepted to a University Studies 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 18 of the Admissions Section.

View the Provincial High School Equivalencies on our website at www.mhc.ab.ca/Admission/Apply

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.
Arts (including Social Work)	<ul style="list-style-type: none"> • ELA 30-1 • Math 30-1 or Math 30-2 or a 30-level second language • Two 30-level academic subjects • One Grade 12 5-credit subject (excluding Special Projects) 	<ul style="list-style-type: none"> • ELA 30-1 • One 30-level academic subject <p>Note: Some majors at some universities require Math 30-1 or equivalent (i.e. U of C Social Science)</p>
Commerce/ Management	<ul style="list-style-type: none"> • ELA 30-1 • Math 30-1 • Two 30-level academic subjects • One Grade 12 5-credit subject (excluding Special Projects) 	<ul style="list-style-type: none"> • ELA 30-1 • Math 30-1
Education	<ul style="list-style-type: none"> • ELA 30-1 (minimum 60%) • Three 30-level academic subjects • One 5-credit or two 3-credit subjects at the 30-level (Special Projects 30 excluded) <p>Note: Although not required for admission, it is strongly suggested that students entering Education possess MATH 30-1 or MATH 30-2.</p>	<ul style="list-style-type: none"> • ELA 30-1 (minimum 60%) • Pre-requisite courses required, e.g. Chem 30 required for university level Chemistry <p>Note: Although not required for admission, it is strongly suggested that students entering Education possess MATH 30-1 or MATH 30-2.</p>
Fine Arts	<ul style="list-style-type: none"> • ELA 30-1 • Three 30-level academic subjects • One Grade 12 5-credit subject (excluding Special Projects) 	<ul style="list-style-type: none"> • ELA 30-1 • One 30-level academic subject
Kinesiology	<ul style="list-style-type: none"> • ELA 30-1 • Biology 30 • Chemistry 30 • Math 30-1 • One Grade 12 5-credit subject (excluding Special Projects). Physics 30 recommended <p>Note: Students should be aware that some universities require Physics 30</p>	<ul style="list-style-type: none"> • ELA 30-1 • Biology 30 • Chemistry 30 • Math 30-1 <p>Note: Students should be aware that some universities require Physics 30</p>

ADMISSIONS - UNIVERSITY STUDIES

For an explanation of Admission Routes, see page 18 of the Admissions Section.

View the Provincial High School Equivalencies on our website at www.mhc.ab.ca/Admission/Apply

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)	<ul style="list-style-type: none">• ELA 30-1• Any two of Biology 30, Chemistry 30 or Physics 30• Math 30-1 <p>NOTE: Students should be aware that different majors will require different combinations of Science courses</p>	<ul style="list-style-type: none">• ELA 30-1• Any two of Biology 30, Chemistry 30 or Physics 30• Math 30-1

View the Provincial High School Equivalencies on our website at
www.mhc.ab.ca/Admission/Apply

ADMISSIONS - CERTIFICATE/DIPLOMA

Certificate/Diploma Admission Requirements

<p>For an explanation of Admission Routes see page 18 of the Admissions Section. View the Provincial High School Equivalencies on our website at www.mhc.ab.ca/Admission/Apply</p>			
Program	High School Route (Alberta High School Courses or equivalents)	Mature Student Route (21 years of age)	Transfer Route (Post-Secondary Credentials)
Administrative Office Management	<ul style="list-style-type: none"> • ELA 30-1 or ELA 30-2 • Math 10C • Keyboarding speed of a minimum of 20 wpm with 90% accuracy is recommended. 	<ul style="list-style-type: none"> • ELA 30-1 or ELA 30-2 • Math 10C • Keyboarding speed of 20 wpm with 90% accuracy is recommended. 	Completion of a one-year Administrative Office Professional Certificate.
Administrative Office Professional	<ul style="list-style-type: none"> • ELA 30-1 or ELA 30-2 • Math 10C • Keyboarding speed of 20 wpm with 90% accuracy is recommended 	<ul style="list-style-type: none"> • ELA 30-1 or ELA 30-2 • Math 10C • Keyboarding speed of 20 wpm with 90% accuracy is recommended 	
Advanced Accounting			<ul style="list-style-type: none"> • 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
Agroecology Technician *not currently accepting applications	<ul style="list-style-type: none"> • ELA 30-1 • Biology 30 • Chemistry 30 • Math 30-1 or 30-2 (min 65%) 	<ul style="list-style-type: none"> • ELA 30-1 • Biology 30 • Chemistry 30 • Math 30-1 or 30-2 (min 65%) 	

ADMISSIONS - CERTIFICATE/DIPLOMA

For an explanation of Admission Routes see page 18 of the Admissions Section.
View the Provincial High School Equivalencies on our website at www.mhc.ab.ca/apply.

Program	High School Route (Alberta High School Courses or equivalents)	Mature Student Route (21 years of age)	Transfer Route (Post-Secondary Credentials)
Aviation Management	High school diploma with: • ELA 30-1 or ELA 30-2 • Math 30-1 or Math 30-2 • Science 30 or Physics 20	• ELA 30-1 or ELA 30-2 • Math 30-1 or Math 30-2 • Science 30 or Physics 20	
Built Environment Engineering Technology (BEET)/ Computer Aided Drafting and Design	High school diploma with: • ELA 30-1 or ELA 30-2 • Math 30-1 or Math 30-2 • Physics 20	• ELA 30-1 or ELA 30-2 • Math 30-1 or Math 30-2 • Physics 20	
Business Administration	• ELA 30-1 or ELA 30-2 • Math 30-1 or Math 30-2 • Two Grade 12 5-credit subjects with 50% or better	• ELA 30-1 or ELA 30-2 • Math 30-1 or Math 30-2	
Child and Youth Care Counsellor	60% or greater in each of: • ELA 30-1 or a minimum of 70% in ELA 30-2 • One 30-level academic subject • Three Grade 12 5-credit subjects (maximum of 5-credits of CTS courses)	• Minimum 60% grade in ELA 30-1 or ELA 30-2 • One 30-level academic subject	• ELA 30-1 or ELA 30-2 • Eight courses from an accredited post secondary institution with a minimum of a "C" grade.
Criminal Justice	• 60% in ELA 30-1 or 65% in ELA 30-2	• 60% in ELA 30-1 or 65% in ELA 30-2	
Data Analytics	• ELA 30-1 or ELA 30-2 • Math 30-1 or Math 30-2 • Two Grade 12 5-credit subjects with 50% or better	• ELA 30-1 or ELA 30-2 • Math 30-1 or Math 30-2	

ADMISSIONS - CERTIFICATE/DIPLOMA

For an explanation of Admission Routes see page 18 of the Admissions Section.
View the Provincial High School Equivalencies on our website at www.mhc.ab.ca/Admission/Apply

Program	High School Route (Alberta High School Courses or equivalents)	Mature Student Route (21 years of age)	Transfer Route (Post-Secondary Credentials)
Early Learning and Child Care	High school diploma with: • 50% in ELA 30-1 or 65% in ELA 30-2	• ELA 30-1 (50%) or ELA 30-2 (65%)	• 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
Environmental Biology and Reclamation Technology	High school diploma with: • ELA 30-1 or ELA 30-2 (minimum 60%) A minimum of 55% in: • Biology 20 • Chemistry 30 or Science 30 • Math 30-1 or Math 30-2	• ELA 30-1 or ELA 30-2 (minimum 60%) A minimum of 55% in: • Biology 20 • Chemistry 30 or Science 30 • Math 30-1 or Math 30-2	
General Studies	• ELA 30-1 or ELA 30-2	• ELA 30-1 or ELA 30-2	
Health Care Aide	• ELA 20-1 or ELA 20-2, with a minimum of 60%; or • ELA 30-1 or 30-2 with a minimum mark of 55% or • GED or • ACCUPLACER tests see page 110		
Humanities & Social Sciences	• ELA 30-1 • Math 30-1 or Math 30-2 or a 30-level second language • two 30-level academic subjects • One grade 12 5-credit (excluding special projects)	• ELA 30-1 • One 30-level academic subject	
Information Technology	• 50% or higher in ELA 30-1 or a 60% or higher in ELA 30-2 • 50% or higher in Math 30-1 or 65% in one of: Math 20-1 or Math 30-2		

ADMISSIONS - CERTIFICATE/DIPLOMA

For an explanation of Admission Routes see page 18 of the Admissions Section.
View the Provincial High School Equivalencies on our website at www.mhc.ab.ca/apply.

Program	High School Route (Alberta High School Courses or equivalents)	Mature Student Route (21 years of age)	Transfer Route (Post-Secondary Credentials)
Intermediate Accounting	<ul style="list-style-type: none"> Graduation from a Business Administration degree, diploma or equivalent at an accredited post-secondary institution with completion of the following courses (or their equivalent): ACCT 113 OR ACCT 321 		
Occupational Therapist Assistant/Physical Therapist Assistant	High school diploma with a minimum mark of 60% in: <ul style="list-style-type: none"> ELA 30-1 Biology 30 Two 30-level subjects, one of which must be a 30-level science or Math 30-1 or Math 30-2 	A Minimum mark of 60% in: <ul style="list-style-type: none"> ELA 30-1 Biology 30 	A Minimum mark of 60% or a minimum C grade in: <ul style="list-style-type: none"> ELA 30-1 or a post-secondary level equivalent Biology 30, a post-secondary level equivalent or a university level lab science course
Power Engineering	High school diploma and a minimum 60% standing in: <ul style="list-style-type: none"> ELA 30-1 Math 30-1 or Math 30-2 Physics 30 	<ul style="list-style-type: none"> ELA 30-1 Math 30-1 or Math 30-2 Physics 30 	
Practical Nurse	<ul style="list-style-type: none"> 60 % in ELA 30-1 or 70% in ELA 30-2 60% in Math 20-1, or 70% in Math 20-2 60% in Biology 30 or Bow Valley College ANAT 1101 	<ul style="list-style-type: none"> 60 % in ELA 30-1 or 70% in ELA 30-2 60% in Math 20-1, or 70 % in Math 20-2 60% in Biology 30 or Bow Valley College ANAT 1101 	
Practical Nurse Refresher			<ul style="list-style-type: none"> Graduate of a Practical Nurse program in Canada Letter of eligibility from the College of Licensed Practical Nurses of Alberta (CLPNA) or Verification of Registration for out of province applicants required
Service Dog and Canine Management Studies	<ul style="list-style-type: none"> ELA 30-1 or 30-2 Science 30 or Biology 20 One Grade 12 5-credit subject with 50% or better 	<ul style="list-style-type: none"> ELA 30-1 or 30-2 Any 30 level Science is recommended 	

ADMISSIONS - CERTIFICATE/DIPLOMA

For an explanation of Admission Routes see page 18 of the Admissions Section.
View the Provincial High School Equivalencies on our website at www.mhc.ab.ca/Admission/Apply

Program	High School Route (Alberta High School Courses or equivalents)	Mature Student Route (21 years of age)	Transfer Route (Post-Secondary Credentials)
Social Work	A minimum of 60% in each of the following: • ELA 30-1 • Two 30-level academic subjects • One grade 12, 5-credit courses	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	
Sport and Event Marketing and Management	• ELA 30-1 or 30-2 • Two Grade 12 5-credit subjects with 50% or better	• ELA 30-1 or 30-2	
Sustainable Energy Systems Professional	• ELA 30-1 or 30-2 • Science 30 or Physics 30 • Math 30-	• Journeyman or Red Seal Certification or letter of recommendation from employer	
Sustainable Innovation	• ELA 30-1 or 30-2 • Two Grade 12 5-credit subjects with 50% or better	• ELA 30-1 or 30-2	
Speech Language Pathologist Assistant	High school diploma with a minimum mark of 60% in: • ELA 30-1 • Biology 30 • Two 30-level subjects, one of which must be a 30-level science, Math 30-1 or Math 30-2	A Minimum mark of 60% in: • ELA 30-1 • Biology 30	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

ADMISSIONS - APPLIED DEGREE/DEGREE

Applied Degree and Degree Program Admission Requirements

<p>For an explanation of Admission Routes see page 18 of the Admissions Section. View the Provincial High School Equivalencies on our website at www.mhc.ab.ca/apply.</p>			
Program	High School Route (Alberta High School Courses or equivalents)	Mature Student Route (21 years of age)	Transfer Route (Post-Secondary Credentials)
Bachelor of Applied Arts • Art and Design	ELA 30-1 or ELA 30-2, or 'C' or better in Post-Secondary (diploma or University transfer) English		
Bachelor of Applied Health Science • Paramedic	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 • Grade 12 five-credit subject (CHEM 30 is recommended)	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	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.
Bachelor of Nursing	Overall average of 65% and no grade lower than 50% in: • ELA 30-1 • Biology 30 • Chemistry 30 • Math 30-1 or Math 30-2 • 30-level 5 credit subject	Overall average of 65% and no grade lower than 50% in: • ELA 30-1 • Biology 30 • Chemistry 30 • Math 30-1 or Math 30-2	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.

View the Provincial High School Equivalencies on our website at www.mhc.ab.ca/apply

ADMISSIONS - DEGREE PROGRAM

Degree Completion Program Admission Requirements

For an explanation of Admission Routes see page 18 of the Admissions Section.
View the Provincial High School Equivalencies on our website at www.mhc.ab.ca/Admission/Apply

Program	Transfer Route (Post-Secondary Credentials)
Bachelor of Education Mt. Royal University	To be eligible for admissions a student must have successfully completed 60 credits of approved university course work and meet competitive GPA.

**View the Provincial High School Equivalencies on our website at
www.mhc.ab.ca/apply**

REGISTRATION AND RECORDS



REGISTRATION

It is important to understand the terms and timelines associated with your registration. MHC Registration Services is here to support you on your 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. You will need to pay a registration deposit to secure your classes and to enable you to register. If you are accepted into a quota program (for example, Nursing), you need to pay the deposit within four weeks of receiving your acceptance letter. The registration deposit, which is non-refundable, is credited towards your 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, you will need to pay a registration deposit to secure your classes and to enable you to register. If you are accepted into a quota program (for example, Nursing), you need to pay the deposit within four weeks of receiving your acceptance letter. The registration deposit, which is non-refundable, is credited towards your 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 terms 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

You may register for audit up until the last day to add or drop courses for each semester. An AU is recorded on your transcript for each course that you audit. If you do not attend regularly as an audit student, you 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. You 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

As a student, you are responsible for the accuracy and completeness of your own registration. You need to be aware of prerequisite courses and grades required for prerequisites. As a student, you are responsible for all fees for courses in which you 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.

If you require academic advice to select your courses, please contact an Academic Advisor. Main Campus - contact 403.529.3819 or info@mhc.ab.ca. Brooks Campus - contact 403.362.1682 or brooksinfo@mhc.ab.ca. You can also book an appointment on-line at 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 your courses will be sent to your mymhc.ca email account. Registrations are not accepted after the last day to add classes.

Please see the Registration Guide on-line at www.mhc.ab.ca for more information on how to register and associated deadlines. You can also contact Registration at 403.529.3844 or registration@mhc.ab.ca.

Course Loads

The usual course load for a full-time student during Fall and Winter terms 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

REGISTRATION

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 receiving institutions (if you are in a university studies program). You should also note that if dropping courses or withdrawal results in a semester load of less than 60% of a course load, your eligibility for student financial aid may be affected.

Adding a Course

Students can add courses to their schedule online through the student dashboard, or by submitting an Add/Drop 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 - mhc.ab.ca/forms.

Dropping a Course

Students can drop a course online through the student dashboard, or by submitting an Add/Drop 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 classes is not accepted as notice of dropping or withdrawing from a class. 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, you will need to complete a withdrawal form and submit it to Registration Services. This form can be found on the college website - mhc.ab.ca/forms. Please note: No refunds are given for course withdrawals.

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 - mhc.ab.ca/forms.

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. No refunds are given for course withdrawals.

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. Please note: No refunds are given for course withdrawals.

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); or, if you commit repeated instances of academic dishonesty; or, if you engage in seriously disruptive or disturbing behavior inside or outside the classroom. Please note: No refunds are given for course withdrawals.

RECORDS

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.

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.

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.

TRANSFER CREDIT AND PRIOR LEARNING ASSESSMENT AND RECOGNITION (PLAR)



TRANSFER CREDIT AND PRIOR LEARNING ASSESSMENT AND RECOGNITION (PLAR)

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.**

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. A 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).

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 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 all the 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.transferralberta.ca.

Obtaining a Letter of Permission

If you intend to complete a course through another post-secondary institution while enrolled at Medicine Hat College that you want to use for credit towards your program, you will need to obtain approval from your Program Coordinator or School Dean and the Registrar. A Letter of Permission form is available from Student Services and on the website. After you have completed the course,

it is your responsibility to ensure that your transcripts are sent to Medicine Hat College and that you initiate the process for obtaining transfer credit by sending an email to 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.

TRANSFER CREDIT AND PRIOR LEARNING ASSESSMENT AND RECOGNITION (PLAR)

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 the Admission, Transfer, & Transcript Coordinator (ATT Coordinator) at 403.525.2337. Together the student and ATT Coordinator will discuss the student's prior informal and non-formal learning experiences in order to determine if PLAR is an option as well as discuss the timelines, requirements, and expectations involved in the PLAR process.
- If it is determined that PLAR may be a possibility for the student, the Articulation and PLAR Coordinator will contact the appropriate Program Coordinator to identify the appropriate PLAR Assessor. Once the appropriate PLAR Assessor is identified, the Articulation and PLAR Coordinator will discuss the PLAR with the Assessor in order to ensure that, 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.
- The ATT Coordinator will arrange a meeting (either in-person, on 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 the ATT Coordinator.
- The ATT Coordinator then ensures the appropriate signatures are obtained, the registration process completed, and the appropriate fees 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

Medicine Hat College makes every effort to ensure your smooth transfer to Alberta universities. This is facilitated through the activities of the Alberta Council on Admissions and Transfer, 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. If you have questions about the transfer of courses, please consult an Academic Advisor at either the Medicine Hat or Brooks campus. If you have questions about the suitability of courses for the program and the institution to which you are intending to transfer, you should contact an Academic Advisor at that institution to discuss your course selections. It is important to note that transfer of courses may be affected if you achieve less than the required competitive or overall GPA or course grade required for transfer.

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

Grades Required for Transfer of Courses

Receiving post-secondary institutions may accept transfer credit for only those courses in which you 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 you are seeking transfer admission regarding transfer eligibility, required number of university transfer courses/credits, minimum GPA, and other transfer requirements.

As a Medicine Hat College student, you 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 you 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.

After You Have Transferred

Medicine Hat College is available to support your transfer even after you are no longer attending classes. Course outlines, transcripts and information (in support of transfer issues) are available in Student Services. Please consult the ATT Coordinator at 403.525.2337 for additional information.

FUNDING YOUR EDUCATION



FUNDING YOUR EDUCATION

For most students, 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 accommodations, transportation, food and day to day living costs. The goal of Medicine Hat College is to assist you to plan realistically for these expenses and to make you aware of various funding options so that these expenses do not become barriers to your academic success and career goals. Our Student Financial Aid Office is committed to assisting you by providing awareness of the options and alternative programs available to finance your education (finaidinfo@mhc.ab.ca) or 403.504.3594.

Plan Ahead

When you are considering entering a program at Medicine Hat College, it is important to plan ahead to ensure you are prepared financially and recommend you apply at least two months prior to the start of school. Some processes may require that you provide detailed information about school, living expenses, sources of income support and personal resources. Knowing these numbers is also a valuable resource to help you budget and prepare for the academic year! In the event your funding may be delayed at the beginning of the school year, it is important to have personal funds available to cover you for books, supplies, tuition, and living expenses in the interim.

For complete and detailed information on MHC Financial Resources such as student loans, scholarships, bursaries, and grants please refer to our online Student Funding Guide: www.mhc.ab.ca/Services/FinancialAid/Student-Loans.

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.

2023/2024					
Canadian, Permanent Resident and Refugee Status Students					
Credits	Tuition	Athletic & Recreation Fee	Student Supports Fee	Student Association Fee	Total Fees
1.0	\$ 151.22	\$ 8.00	\$ 6.00	\$ 7.50	\$ 172.72
3.0	\$ 453.66	\$24.00	\$ 18.00	\$22.50	\$ 518.16
Visa Students					
Credits	Tuition	Athletic & Recreation Fee	Student Supports Fee	Student Association Fee	Total Fees
1.0	\$ 423.42	\$ 8.00	\$ 6.00	\$7.50	\$ 444.92
3.0	\$1,270.26	\$24.00	\$ 18.00	\$22.50	\$1,334.76
Practical Nurse Refresher. Data Analytics & Sustainable Energy System Professional					
Credits	Tuition	Athletic & Recreation Fee	Student Supports Fee	Student Association Fee	Total Fees
1.0	\$175.00	\$ 8.00	\$ 6.00	\$ 7.50	\$ 196.50
3.0	\$525.00	\$24.00	\$ 18.00	\$ 22.50	\$ 589.50

TUITION AND FEES

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

Canadian, Permanent Resident & Refugee Status Students

2023/2024					
Credits	Tuition	Athletic & Recreation Fee	Student Supports Fee	Student Association Fee	Total Fees
1.0	\$ 211.76	\$ 8.00	\$ 6.00	\$ 7.50	\$ 233.26
3.0	\$ 635.28	\$ 24.00	\$ 18.00	\$ 22.50	\$ 699.78

Visa Students

2023/2024					
Credits	Tuition	Athletic & Recreation Fee	Student Supports Fee	Student Association Fee	Total Fees
1.0	\$ 735.99	\$ 8.00	\$ 6.00	\$ 7.50	\$ 757.49
3.0	\$ 2,207.97	\$24.00	\$18.00	\$ 22.50	\$ 2,272.47

Projected Tuition and Fees

The schedule of fees for the years 2024/2025 through to 2026/2027 is a forecast only. Actual fees will be based on future budgets, provincial funding and legislation in effect at the time.

Canadian, Permanent Resident & Refugee Status Students

Projected Student Fees - Canadian, Permanent Resident & Refugee Status Students (Excluding Student Association Fees)			
Fees per 3-credit course	2024/2025	2025/2026	2026/2027
Tuition	\$462.72	\$471.97	\$481.41
Athletic & Recreation Fee	\$ 24.48	\$ 24.97	\$ 25.47
Student Support Fee	\$ 18.36	\$ 18.73	\$ 19.10
Total	\$505.56	\$515.67	\$525.98

Visa Students

Projected Student Fees - International Students (Excluding Student Association Fees)			
Fees per 3-credit course	2024/2025	2025/2026	2026/2027
Tuition	\$1,295.67	\$1,321.58	\$1,348.01
Athletic & Recreation Fee	\$ 24.48	\$ 24.97	\$ 25.47
Student Support Fee	\$ 18.36	\$ 18.73	\$ 19.10
Total	\$1,338.51	\$1,365.28	\$1,392.58

TUITION AND FEES

Description of Fees

Application Fee

A \$75 application fee is required if you are applying to Medicine Hat College.

Apprenticeship Fees

Seats are filled on a first come first served basis. Tuition fees are \$126.43 per week. Books and supplies vary with each trade and cost between \$450-\$750 per training period. A consumable materials fee of \$86.92 per training period applicable to all apprenticeship students.

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.

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.

Grade Reappraisal Fee

If an Academic Appeals Committee is established as part of a formal grade appeal to reappraise your mark, you will need to pay \$25 in advance. This fee will be returned to you if the appeal is successful.

Library Fines

Library fines are assessed on overdue materials, multi media 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

If you have previously received a certificate, diploma, applied degree or degree parchment from Medicine Hat College and require replacement because of loss or a legal name change, you will need to submit \$25 and a formal, written request for replacement.

Prior Learning Assessment and Recognition (PLAR) Fee

If a PLAR is approved, you 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.

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.

Registration Deposit or First tuition installment

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

Student ID Card Replacement Fee

You will need a photo student ID card to access the Library, the Athletics facilities, the computer labs, and the Crave Pub. Replacement cards are \$5 each. Cards are issued at the Library.

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

Some specific programs may have additional costs (for example, for certifications). This amount may vary depending on individual needs. When applying for a student loan, the required additional costs are calculated in the estimates for student loan expenses.

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. Such charges must be paid before you may register for a new semester.

International Health and Dental Plan

All MHC international students are required to have basic and extended health insurance for the duration of their studies at MHC. International students in credit courses are automatically charged for a mandatory health insurance plan upon registration in courses, unless proof of equivalent alternate coverage is provided. Health insurance is also arranged for students wishing to study abroad.

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. The fee for the 2023-2024 academic year is \$7.50 per credit.

TUITION AND FEES

Extended Health and Dental Plan

The Students' Association of Medicine Hat College provides and Extended Health and Dental Plan to member students. A mandatory fee for the Plan is assessed to you during the registration process; to verify if you are enrolled in the SAMHC Health & Dental Plan, check your 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. One 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 dependants 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. The Plan fees for 2023-2024 academic year will be \$475 (\$210 dental, \$265 health). For further information such as Plan details, POC details or to opt out online (deadlines apply) please visit www.samhc.ca.

If you are being funded by a sponsoring agency (for example, WCB, an aboriginal funding agency, employer), Medicine Hat College requires a letter from your funding agency outlining the costs that they will be covering. This letter must be received by Medicine Hat College by the last day to drop. The letter can be faxed or dropped off at Student Financial Aid, or mailed to Student Financial Aid.

How to Pay

Payment options for tuition are listed on Medicine Hat College's website. Options may change throughout the year to provide additional options for students and increase their ease of payment.

Payment of Fees

You are responsible for your own financial arrangements. If you need assistance with financial arrangements, you are encouraged to contact the Student Financial Aid Office in Student Services.

When to Pay

Fall/Winter

All tuition and fees are due by the end of working hours on September 20, 2023 for Fall and January 16, 2024 for Winter.

Spring/Summer

All tuition and fees are due by the end of working hours on May 7, 2024 for Spring May and May/June sessions and June 7, 2024 for Spring June session.

Fee Deferral

If you are encountering difficulty in paying tuition and fees, you are encouraged to contact Enrolment Services in Student Services, before the deadlines for payment of tuition and fees, to discuss options for payment and funding.

TUITION AND FEES

Cancellation of Registration due to Nonpayment of Tuition and Fees

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

Loss of Privileges for Registration

If you have a history of late payments, you may lose your registration privileges or may be required to pay all tuition and fees in full at time of registration.

Refunds

If you completely withdraw after you have registered but before or on the last day to Drop classes, you will be issued a full refund of tuition. You will not, however, be refunded your registration deposit.

If you drop courses anytime after the last day to Drop classes, you will not be issued a refund.

If you have registered for a semester but are subsequently required to withdraw for unsatisfactory performance in the previous semester, you will receive a full tuition and fee refund.

Outstanding Accounts

Certificate, diploma, and degree parchments are withheld if there are outstanding fees or other accounts with Medicine Hat College. In addition, official transcripts will not be released until accounts have been paid in full. If you present student loan forms to the Student Financial Aid Office, outstanding fees will be automatically deducted from the loan.

ACADEMIC REGULATIONS AND POLICIES



ACADEMIC REGULATIONS AND POLICIES

Course Outline

At the beginning of each course, you will be given a course outline that specifies course aims, objectives, course topics, the evaluation to be used, weighting and distribution of marks, penalties for late assignments (if used), and assigned readings. If substantial changes to the course outline, including the weighting and distribution of marks, are necessary, you will receive written notice.

Attendance

All Medicine Hat College students are strongly encouraged to attend all scheduled classes, labs, tutorials, seminars, and practicum placements in each academic term. Where specified in the course outlines, learners are expected to conform to the particular attendance requirements of a class or program as failure to do so may be reflected in the learner's grade impacting acceptable progress.

Examination Policy

Final exams must be scheduled by Student Services except for take-home exams, final projects, or lab exams. When the final exam schedule is issued, you are asked to report any errors, omissions, or conflicts to Student Services as soon as possible. A conflict is three exams in the same day or two exams at the same time.

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

Examination Guidelines

- Unless approved prior to an examination by the instructor concerned, you may not take any notes, books, calculators, or related material into an examination. Jackets and purses 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.
- You may not enter an exam room after half an hour has elapsed from the start of the exam and may not leave until a half an hour has elapsed from the start of the examination.
- Should you become ill or receive word of a domestic affliction during the course of an examination, immediately report this to the supervisor, hand in the unfinished paper, and request that it be cancelled. If illness is the cause, you will need to supply medical documentation within 72 hours to the instructor.

- If you write an exam, hand in the paper for grading, and later ask for the exam to be cancelled due to illness or other extenuating circumstances, the request will be denied.
- Once you leave an examination, you may not return to the examination room. Cigarette breaks or coffee breaks are not permitted unless approved in advance by the instructor. If you must use the washroom facilities, permission must be granted by an instructor. Two students may not be in the washroom at the same time during the exam. An instructor reserves the right to accompany you.
- If you are a student with accessibility considerations make any necessary arrangements well in advance of the day of an examination.
- Please respect the quiet atmosphere of an exam room, particularly when you leave the exam room (you are not permitted to talk during an examination or as you exit the room).

Deferral of Examinations

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

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

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 prior to the date of the examination.

Deferral of a *final* examination must go to the Dean with supporting documentation. In the event of illness or hospitalization, a medical statement must indicate the specific date and time you required medical attention and the nature of the illness, and how the illness affected your capacity to write the examination. In the event of religious observances, disability, or exam conflicts, 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 you are absent from an examination due to unforeseen reasons, you 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.

ACADEMIC REGULATIONS AND POLICIES

Academic Standing 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.

Summary of Symbols

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

Withdrawal Grade

You will receive a "W" grade following the drop deadline until the withdrawal deadline.

Incomplete Grades

An incomplete "IC" grade may be assigned if in the event of extenuating circumstances such as sickness or severe domestic affliction, you are unable to complete the course requirements. All incomplete "IC" grades must be cleared with the Divisional Dean. An incomplete "IC" grade is valid for 30 days after the final exam date to enable you to complete the course requirements. All incomplete grades must be resolved within 30 days. If the Registrar's office does not receive a letter grade within the 30 day period an "F" grade may be assigned.

Credit/No Credit Awarded Grading

If a course is graded on a CR/NC basis this is indicated in the course descriptions. A course that has no indications to grading is assumed to be a graded course.

Special Grading Conditions

The number of D and D+ grades acceptable for credit is subject to specific program policy. All conversion of course evaluations to letter grades must be clearly defined in the course outlines as percentage grades to letter grades. Various sections of the same course will have common, course-specific objectives and evaluation standards which must be defined in the course outline. When calculating grade point averages, all courses will be included except those courses to which a "W", "IC", "CR", "NC", "RD", "IP" grades have been assigned.

Honour Roll

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 into 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 into the GPA calculations. The GPA's will be calculated to two decimal points and will not be rounded up.

Release of Final Grades

After the examination papers have been marked at the end of each semester and the final results computed, they must be reviewed and recorded in the College's permanent records before an official transcript can be released. Grade statements and unofficial transcripts are available on-line. Any errors should be reported to Student Records within two weeks of the grade being posted. As per the Evaluation of Student Learning Policy, faculty will input the final grades into the administrative system within four calendar days after the final exam period.

Repetition of Courses

You are allowed three attempts to successfully obtain a passing grade in any Medicine Hat College course. You will not be permitted to attempt the course a fourth time unless the Dean (or designate) grants permission. Normally, you will be asked to wait at least one academic year before permission will be granted for a fourth attempt to pass a course. Please note that some Medicine Hat College programs may outline program specific policy detailing how many times you may attempt a course. Additionally, some institutions to which courses may transfer may have a specific policy detailing how many times you may attempt a course. Such policies supersede this policy.

ACADEMIC REGULATIONS AND POLICIES

Probation and Dismissal

Academic Probation

- You will be placed on academic probation if your grade point average (GPA) is less than 1.7 on six or more credits at the end of a semester..
- If you are on academic probation, you will be sent a letter from the Registrar outlining the possibility of academic dismissal at the end of the next semester in which you attend Medicine Hat College. You will be encouraged to contact an Academic Advisor or access other supports to improve your academic performance.
- Academic probation may lead to academic dismissal.

Academic Dismissal

- You will be dismissed for one academic year if:
 - you are on academic probation from the most current semester in which you completed six or more credits.
 - your grade point average remains less than 1.7 at the end of your next semester of six or more credits.
- You will be sent an academic dismissal letter from the Registrar and removed from all future classes.

Request for Reinstatement

- Within five business days of the date on your academic dismissal letter you can submit a written request to be considered for reinstatement. Written requests must be emailed to your Academic Advisor.
- The reinstatement request must state:
 - why your GPA is below 1.7 and what circumstances led to your low grades
 - why you want to be reinstated; and
 - how you plan to improve your grades.
- The Academic Advisor will review your request and book a meeting to discuss it with you. This meeting is mandatory. **Failure to attend this meeting will result in automatic denial of reinstatement.**
 - Staff and/or faculty may be consulted by the Academic Advisor to gather further information relevant to the request.
 - The Academic Advisor will present a recommendation to the Registrar.
 - The Registrar will review the recommendation and will either reinstate you or deny the request.
 - The decision of the Registrar is final and will be indicated on your transcript.
- If your request for reinstatement is approved:
 - you will meet with your Academic Advisor to finalize reinstatement conditions; and
 - you will be responsible for registering in classes
- If your request for reinstatement is denied:
 - you will remain dismissed and may re-apply to Medicine Hat College after one academic year. Medicine Hat College reserves the right to refuse readmission.

Fraudulent Transcripts and Admission Documentation

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

Program Policies Governing Probation and Dismissal

You may be governed by somewhat different probation and dismissal policies depending on your program. These policies are clearly stated in the program sections of this Calendar.

Academic Dishonesty

You will be dismissed subsequent to occurrence of academic dishonesty or unsatisfactory behavior in academic matters. (see section on Student Academic Integrity).

Academic Standing and Athletic Playing Eligibility

Eligibility

Eligibility to participate as a student athlete will follow the regulations of the relevant national and provincial governing bodies. For detailed rules on eligibility, student-athletes should refer to the most recent version of the relevant national and provincial governing body's operating codes. A copy can be found on-line or in the Rattler's Athletics office.

Athletic Probation & Dismissal

The probation and/or dismissal of student-athletes is governed by college policy administered by the Registrar. Information on probation and dismissal can be found in the college's academic calendar and from the Registrar's Office in Student Services.

ACADEMIC REGULATIONS AND POLICIES

Grade Reappraisals

General Considerations

- Faculty has the right and responsibility to provide course outlines, careful evaluation and timely assignment of appropriate grades.
- There is a presumption that grades assigned are correct. Should you choose to appeal a grade, it is your responsibility to demonstrate otherwise.
- In the absence of compelling reasons, such as instructor or clerical error, prejudice, or capriciousness, the grade assigned by the instructor is to be considered final.
- It is recognized that in many courses there are no right or wrong responses and there are often multiple points of view and interpretations among students, faculty, authors and recognized experts.
- Faculty and students must maintain respect for the dignity of the other party. In instances where this does not occur, those involved should consult the College's Harassment Policy.
- A grade may only be changed by the instructor who issued it or by the Dean based on the outcome of a formal appeal
- A change in grade may be followed by a change in academic standing.

Four Grounds for Academic Appeal

- 1) Unforeseen Extenuating Circumstances - If you believe unforeseen extenuating circumstances interfered with your academic performance, you can appeal your grade. Documentation will be needed to support your claims.
- 2) Merit of Work - If you think that your course/work was credited for less than it was worth; you can appeal.
- 3) Procedural Irregularity - If you think that your problems were due to the way that the course was administered, or if the course outline was not properly followed, you can appeal.
- 4) Discrimination - If you think that your grade was based on considerations other than on the merit of your work, you can appeal.

ACADEMIC REGULATIONS AND POLICIES

Grade Appeal Process

Informal Grade Appeal Process

- 1) You receive an assignment, examination, or final grade that you wish to dispute. You must contact your instructor for clarification within 10 working days of receiving the grade. You are responsible for monitoring posted final grades.
- 2) If you are not satisfied with the clarification provided by the instructor, or if you have made verifiable attempts through the division office to meet with the instructor without success, you may contact the Chair of your program.
- 3) Put your concerns in writing to the Chair responsible for the course within 20 working days of receiving the assignment or grade. You may ask the Students' Association to help you with the appeal process.
- 4) The Chair will meet individually with you and the instructor (and a Students' Association representative and a Faculty Association representative, if applicable), to review all relevant graded work, and documentation, and the pertinent calculations that have contributed to the assigned grade. The Chair will respond to you in writing within five working days of the meeting and indicate whether the instructor will make any changes to the grade assignment.

Most appeals are resolved at this level.



Formal Grade Appeal Process

- 1) Should you feel the matter has not been resolved, you may 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 you. A fee of \$25.00 will be charged. (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 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 or designate, who will have final approval of the nominees from the respective associations and chair the committee.
- 4) 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 members will provide advice to the Dean, who will make a decision with respect to the grade assignment. The Dean shall make 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

Academic Integrity and Academic Integrity Violations

As a Medicine Hat College student, you are expected to conduct yourself 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 the list does not exhaust the forms of academic integrity violations.

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 intellectual integrity. If a student suspects a violation of intellectual 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

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, expulsion from the program, or expulsion from the college.

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 address 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 www.mhc.ab.ca/AboutMHC/CollegeProfile/Policiesand-Publications/Policies-Procedures

CONVOCATION



CONVOCATION

Congratulations on nearing the end of your program, it is time to celebrate your success!

Medicine Hat College offers Convocation Ceremonies annually in June

Application to Graduate

To receive your parchment you must submit an application to graduate. This form can be found online through the Dashboard (accessed through Logins on the Medicine Hat College website).

Attend the Convocation Ceremony

If you plan to attend the convocation ceremony, you must complete the gown order portion of the application to graduate. A gown will not be reserved for you unless you complete this step. There is a \$25 fee payable at the time of submitting this form.

Participation in Convocation

To be eligible to participate in the ceremony, students must have completed or be registered in all program requirements and have settled all outstanding accounts with the College. Students who are in progress with final coursework at the time of the ceremony may be considered for participation providing they are recommended for participation by the Dean, have achieved a minimum GPA of 2.0 in previous semesters, and will generally complete all program requirements within four weeks of the convocation ceremony.

Convocation Dates

Spring Convocation

June 14, 2024

Deadline to submit Application Form

March 15, 2024

For more information about Convocation, check the website at www.mhc.ab.ca.

General Graduation Requirements

Parchments

Medicine Hat College offers certificates, diplomas and applied degrees. In order to earn a particular parchment from Medicine Hat College, you must have successfully completed the specific courses and satisfied all program requirements outlined in this calendar. You must also have settled all outstanding accounts with Medicine Hat College.

Honorary Degrees

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

Residency Requirements

In order to receive a Medicine Hat College certificate or diploma, you must complete 50 percent of the course content at Medicine Hat College.

STUDENT RIGHTS AND RESPONSIBILITIES



STUDENT RIGHTS AND RESPONSIBILITIES

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, you 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 a scholarship and financial aid eligibility, program advising).

Responsibility

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

STUDENT RIGHTS AND RESPONSIBILITIES

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 you 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 you 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 you are registered remain unchanged from those in effect when you first registered in that program, if you 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 you are registered remain unchanged from the length of the program when you 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 you 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, you 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 you 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 your own academic progress and to seek help to resolve academic or career choice difficulties. In the case of academic difficulties, you shall first discuss such matters with your course instructor before enlisting other advice and assistance. In the case of program concerns, you should consult first with the Coordinator and/or Dean.

STUDENT RIGHTS AND RESPONSIBILITIES

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 your 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 you wish such review or access, within the time period appropriate to the grade (i.e., in-course or final).

18. Right

To have your views taken into consideration in College-sponsored evaluations of instruction and student-oriented services, and to be assured that your 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 your performance.

PROGRAMS



Academic Upgrading

Academic Advising Office

Medicine Hat Campus - 403.529.3819 or info@mhc.ab.ca

Brooks Campus - 403.362.1682 or 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.

Also, 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

Email: 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

Email: 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 you with the potential for obtaining a managerial, supervisory or leadership role in an office environment. In addition to technical office skills, you 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
- Keyboarding speed of a minimum of 20 wpm with 90% accuracy is recommended

Mature Student Route

- ELA 30-1 or ELA 30-2
- Math 10C
- Keyboarding speed of a minimum of 20 wpm with 90% accuracy is recommended

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 120	Effective Speaking for the Office
APRO 125	Office Communications I
APRO 131	Office Applications I
APRO 140	Bookkeeping I
APRO 180+	Work Experience I

+Includes customer service training

Winter

APRO 109	Keyboarding/Desktop Publishing II
APRO 133	Office Applications II
APRO 145	Bookkeeping II
APRO 155	Office Communications II
APRO 167	Office Relations
APRO 190	Work Experience II

Second Year (Administrative Office Management)

Fall

MGMT 161	Management Theory
MGMT 193	Business Problems Software Applications
COMM 140	Communications in the Workplace
OMGT 235	Work Experience III
One of:	
ACCT 276	Advanced Computerized Accounting
MGMT 263	Organizational Behavior
MGMT 270	The Entrepreneurial Experience
MGMT 395	Business Law

Winter

MGMT 243	Human Resource Management
MGMT 267	Leadership Development
MKTG 171	Marketing
MKTG 251	Digital Design for Marketing
OMGT 237	Work Experience IV

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, you 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**, you must:

- successfully complete the Administrative Office Professional certificate 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 "C" in OMGT 235 and OMGT 237

Transfer

Athabasca University

Students may be eligible to receive 30 credits from the Administrative Office Management Diploma into Athabasca University's Bachelor of Professional Arts (Communication Studies) Degree program. Students should consult with an AU Advisor for further information.

Administrative Office Professional Certificate

Academic Advising Office
Phone: 403.529.3819

The Administrative Office Professional program will provide you 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, you may enter the workforce, or, if you wish to increase your advancement opportunities and work responsibilities, you may consider taking the second year of either the Administrative Office Management Diploma or the Business Administration Diploma (Business Administration/Administrative Office Professional Major). If you wish to pursue one of these diploma programs, please ensure you have the admission requirements.

The Administrative Office Professional program develops employees for today's challenging and ever-changing business office. At graduation, you will have the knowledge and skills required for entry-level office jobs. You 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 e-mail; and perform bookkeeping and computer tasks. You 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, you will gain on-the-job work experience in a business environment. While enrolled in the program, you will complete an office work experience during your first semester and during your final semester.

This program provides practical skills that can be immediately applied to numerous job situations. We encourage you to combine your 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 you for office employment in numerous fields.

Accounting	Government
Agriculture	Insurance Agencies
Automobile Dealerships	Legal
Banking	Medical
Bookkeeping	News Industry
Business	Oilfield Companies
Computer Consultants	Police and Security
Dental	Printers/Printshops
Education - School	Real Estate
Education - College/University	Retail

Admission Requirements

High School Route

- ELA 30-1 or ELA 30-2
- Math 10C
- Keyboarding speed of 20 wpm with 90% accuracy is recommended

Or approval of the Coordinator

Mature Student Route

- ELA 30-1 or ELA 30-2
- Math 10C
- Keyboarding speed of 20 wpm with 90% accuracy is recommended

Or approval of the Coordinator

Program Requirements

Fall

APRO 108	Keyboarding/Desktop Publishing I
APRO 120	Effective Speaking for the Office
APRO 125	Office Communications I
APRO 131	Office Applications I
APRO 140	Bookkeeping I
APRO 180	Work Experience I*

Winter

APRO 109	Keyboarding/Desktop Publishing II
APRO 133	Office Applications II
APRO 145	Bookkeeping II
APRO 155	Office Communications II
APRO 167	Office Relations
APRO 190	Work Experience II

* 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:

- complete 12 specific Administrative Office Professional courses (10 academic courses plus two work experience courses)
- 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 Placement

Spring

MGMT 336	Data Analysis and Information Systems
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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.

Agroecology Technician Diploma

Academic Advising Office

Phone: 403.529.3819

****NOT CURRENTLY ACCEPTING APPLICATIONS******

The program provides you with the competencies required for producing food, forage, fiber, and fuel using sustainable methods. Courses within the program will prepare you with a range of knowledge in the three E's: environment, economics, and energy using systems theory. You will gain real-world experience in designing, monitoring and assessing sustainable agroecological systems. In addition to developing technical skills of the trade, you will learn effective communication and research skills. This program meets the knowledge, technical skills, and performance competencies required for certification with the Alberta Institute of Agrologists as a registered Technologist in Agrology (RTAg). This program also maximizes transfer opportunities to universities offering sustainable agriculture programs.

Career Opportunities

There are many possible career opportunities with completion of the Agroecology diploma. You could start a business in sustainable agriculture or greenhouse horticulture. You can take over your family agriculture business as a crop or livestock producer. You can become an agricultural research technician, an urban agriculture designer or landscaper. You can also become a range management consultant or professional. You can also become an environmental consultant. The program would provide the background to become a registered Technologist in Agrology (RTAg).

Admission Requirements

High School Route

- ELA 30-1
- Biology 30
- Chemistry 30
- Math 30-1 or Math 30-2 (min 65%)

Mature Student Route

- ELA 30-1
- Biology 30
- Chemistry 30
- Math 30-1 or Math 30-2 (min 65%)

Program Requirements

First Year

Fall

AGEC 120 Agroecology I
BIOL 254 Plant Taxonomy
BIOL 255 Ecology
CADD 172 Sustainability and Systems Thinking
SOSC 213 Soil Resources

Winter

AGEC 130 Introduction to Geographic Information Science
AGEC 140 Integrated Vegetation Management
ECON 201 Microeconomics
EREC 230 Water Fundamentals
TCOM 110 Technical Communications

Year Two

Fall

AGEC 200 Research Methods
AGEC 210 Range and Holistic Management
AGEC 220 Advanced GIS and Remote Sensing for Landscape Ecology
AGEC 230 Forage and Cropping Systems
AGEC 240 Climate and Ecosystems

Winter

AGEC 250 Soil Ecology
AGEC 260 Horticulture Methods
AGEC 270 Wetland Ecology and Management
AGEC 280 Agroecology II
MGMT 161 Business Management Theory

Additional Prerequisites for Program Graduation

Students must also complete a Permaculture Design Course (PDC) and Rainwater Harvesting course prior to taking AGECEC 280 (Agroecology II: Capstone). Both courses will be offered through Medicine Hat College Continuing Studies. However, students have a range of options to complete both courses: PDC are offered for free online, and Rainwater Harvesting courses are also available online.

In order to complete the prerequisites, students must complete a 72 hour PDC from instructors recognized by the Permaculture Institute of North America. Students must also complete a rainwater harvesting course (Designer Certification) recognized by the Canadian Association for Rainwater Management (CANARM).

Continuation Requirements

Students must receive a minimum of grade of "C-" in each course to continue in the program.

Graduation Requirements

Students must complete all 20 courses with a minimum overall GPA of 2.0.

Apprenticeship

Academic Advising Office

Phone: 403.529.3819

The following information is drawn from 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

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.

Specific trade Information can be found at:

- Automotive Service Technician *page 78*
- Carpenter *page 85*
- Electrician *page 102*
- Heavy Equipment Technician *page 110*
- Plumber *page 130*
- Steamfitter/Pipefitter *page 149*
- Welder *page 153*

* 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 you want to enter.

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

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

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

Once your 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:
GROUP 1		
Carpenter Welder	<ul style="list-style-type: none"> English 30-2 Math 30-3 Physics 20 OR Chemistry 20 OR Science 20 Related Career and Technology Studies courses 	<ul style="list-style-type: none"> English 10-2 Math 10-3 OR A pass mark in all five Canadian (GED) tests OR Entrance Exam
GROUP 2		
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"> English 30-2 Math 30-3 Physics 30 OR Chemistry 30 OR Science 30 Related Career and Technology Studies courses 	<ul style="list-style-type: none"> English 20-2 Math 20-3 Science 10 OR Entrance Exam

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.

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	\$ 505.72	\$ 86.92	\$ 30.00	\$ 622.64
8	\$ 1,011.44	\$ 86.92	\$ 78.75	\$ 1,177.11
12	\$ 1,517.16	\$ 86.92	\$ 135.00	\$ 1,739.08

Advancement and graduation requirements for the following apprenticeship programs:

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

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

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 you 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. Our 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, especially computer 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 interactivity.

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

Our 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 or C or better in MHC English 30 or Post Secondary (diploma or University transfer) English

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

Junior English

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

Junior English

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: When selecting courses, be sure to choose your required courses first. In the event that a required course is in timetable conflict with an elective course that you desire, the required course is your first priority and you must therefore choose it. Because of scheduling complexities, high demand, and classroom or studio space constraints, we cannot guarantee the availability of all electives. If your first choice is full or unavailable for other reasons, you must be prepared to select an alternative. If there are special circumstances that require you to have a course that is full, you may appeal to the Art and Design Coordinator to override your exclusion. You may consult the Art and Design Coordinator 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, you should be aware that work placement opportunities in Medicine Hat are limited and that you may have to relocate to complete your work term semesters (work terms can be completed anywhere in Canada or even abroad). You should be prepared to cover your expenses for placement and should also be prepared to receive trainee or entry-level compensation at your place of employment.

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

Graduation Requirements

To successfully complete the **Bachelor of Applied Arts (Art and Design)** degree you 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 you receive a D or D+ grade in any such core design or Visual Communications course, you 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

University of Lethbridge

Graduates may be admitted to the 15 course Post-Diploma BFA (Art), 20 course Post-Diploma BFA (multidisciplinary), or 35 course Pre-Post Diploma BFA (Art) BEd. This pathway is currently under review; please contact transfer@mhc.ab.ca for confirmation on status.

University of Lethbridge - Dual Admission

This program has a Dual Admissions agreement with the University of Lethbridge that provides students with early access and security in their UofL transfer pathway. Please connect with your Academic Advisor for specific details and requirements to become a dual admitted student.

International Transfer Opportunities

Griffith University

Graduates with a Bachelor of Applied Arts – Art & Design are eligible to receive advance standing toward a Bachelor of Design or a Bachelor of Digital Media degree at Griffith University in Australia. For more information, contact a Medicine Hat College Academic Advisor.

Arts (B.A.) University Studies

If you 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. Our program is designed to prepare you to transfer to another institution after you have completed a maximum of 20 courses at Medicine Hat College. The remaining years of your Bachelor of Arts may be in a range of disciplines, you can take several courses in at MHC to prepare you 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 Studies 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	Government and Post-Secondary Sectors	Non-Profit and Community Development Jobs
Professional and/or Technical Writer	Public Relations	Public Relations Consultant
Research Professional		

Career Opportunities through Further Study

Human Resources	Journalism	Law
Library Studies	Marketing	Medicine (select programs)
Project Management and Coordination		

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/

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 21

The University Studies 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 Studies 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 Studies 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.

Automotive Service Technician Apprenticeship

Academic Advising Office

Phone: 403.529.3819

Medicine Hat College offers eight apprenticeship programs leading to journeyman status and solid careers in the skilled trades. The following trade information is drawn from www.tradesecrets.alberta.ca. For more information about the apprenticeship program see page 73.

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 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.

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

www.tradesecrets.alberta.ca

Aviation Management Certificate

Academic Advising Office

Phone: 403.529.3819

Medicine Hat College, in partnership with Super T Aviation, offers an Aviation Management Certificate that complements the Super T flight training program and prepares students for an exciting career in the aviation industry.

Students in the Aviation Management Certificate program will take courses that can help them be successful in the aviation industry, including communication in the workplace, management, and geography. Other skills development include how to think critically, lead small teams, maintain professional ethics, and manage health and wellness. In addition, students who choose to complete Super T's Integrated Flight Training 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

Mature Route

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

Program Requirements

Fall

AMET 200 Advanced Meteorology
COMM 140 Communication in the Workplace
GEOG 201 The Physical Environment
MATH 150 Technical Math
MGMT 161 Management Theory

Winter

ADAE 200 Advanced Aeronautics
COMM 252 Advanced Business Communications
GEOG 332 Map and Air Photo Interpretation
KNES 247 Intro to Wellness, Fitness and Nutrition
MICO 191 Introduction to Microcomputers

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.

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 I
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 incompletes in the required courses

Time Limits for Program Completion

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

Transfer & Pathways

Athabasca University

Graduates of the Built Environment Engineering Technology (BEET) Diploma at Medicine Hat College are eligible for admission into the Bachelor of Professional Arts - Communications Major and are eligible to transfer 60 credits into this program. Students should consult with an AU Advisor for further information.

NAIT

Graduates with a 2.7 GPA may be admitted and receive 60 credits into NAIT's Bachelor of Technology in Technology Management (BTech Mgmt). Please contact NAIT for further information regarding admission into this program.

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
- Fundraiser 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 Grade 12 5-credit subjects with 50% or better

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
MKTG 345	Managing Marketing Relationships
Business Elective	

Business Elective for Financial Services Majors

ACCT 276	Advanced Computerized Accounting
COMM 250	Oral Communications
MGMT 285	Business Statistics II

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
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

Athabasca University

Graduates are eligible for transfer credit into AU's Bachelor of Commerce, Bachelor of Management and Bachelor of Professional Arts (Communication Studies) degree programs. Students should consult Transfer Alberta for further information regarding transfer credit; for program information please consult with an AU Academic Advisor.

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 degree.

Students must have successfully completed all coursework with a cumulative GPA of 2.3 (C+) with a minimum grade of C on transfer courses. For further information, contact an MHC Academic Advisor or an Academic Advisor at the College of the Rockies.

Business Administration Diploma

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 program at Okanagan College. Students must present a minimum average of 67% please contact Okanagan College for further information regarding this agreement.

Royal Roads

Graduates of the Business Administration diploma majoring in Accounting, Financial Services, Management, or Marketing are eligible to enter into the third year of the Bachelor of Business Administration in Business and Sustainability program or the Bachelor of Commerce in Entrepreneurial Management program. Students must present a minimum cumulative GPA of 3.0 and meet all other admission criteria. Students should contact an 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 program at the U of L, subject to qualifying restrictions. Please contact an MHC Academic Advisor or 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) program at the U of R. Students may receive up to 60 credits in transfer credit; a minimum grade of C- is required for consideration. Please contact an MHC Academic Advisor or contact the U of R at hill.undergrad@uregina.ca for further information.

International Transfer Opportunities

Griffith University, Australia

Graduates of the Business Administration diploma with a major in Accounting, Financial Services, Marketing, or Management are eligible to receive advanced standing toward the Bachelor of Business (all majors) program. Students should contact an Academic Advisor for further information.

Carpenter Apprenticeship

Academic Advising Office

Phone: 403.529.3819

Medicine Hat College offers seven apprenticeship programs leading to journeyman status and solid careers in the skilled trades. The following trade information is drawn from www.tradesecrets.alberta.ca. For more information about the apprenticeship program see page 73.

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.

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

www.tradesecrets.alberta.ca

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.

The Child and Youth Care Counsellor diploma is a comprehensive two-year program that prepares students to work with vulnerable children, youth, and families. These children and youth may have suffered physical, sexual, or emotional abuse, neglect, failure, family breakdown, and may have behavioral and/or learning difficulties.

Preparation for a career in Child and Youth Care Counselling demands a commitment to learning the essential components of developing healthy, caring relationships. The dynamics of abuse and neglect and the treatment of those issues are explored through courses in professionalism, children and the law, psychology, treatment methods, counselling skills and caring for at-risk youth. Education in group process, family dynamics, and ethics is also offered to enhance personal development and growth.

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.

Career Opportunities

Child and Youth Care Counsellor graduates are in demand across Canada. The scope of potential employment opportunities include group homes; residential treatment centres; institutional settings; young offender settings; school liaison work; child development assistant (school setting); outreach/street programs; mental health centres; family and community based programs; therapeutic foster care; and, day treatment programs.

Admission Requirements

High School Route

60% or greater in each of:

- ELA 30-1 or a minimum of 70% in ELA 30-2
- One 30-level academic subject
- Three grade 12 5-credit subjects (maximum of 5 credits of CTS courses)

Mature Student Route

- ELA 30-1 or ELA 30-2 (minimum 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

Athabasca University

Graduates of the Child and Youth Care Counsellor Diploma may be eligible for up to 60 credits towards Athabasca University's Bachelor of Professional Arts (Human Services) degree. Students should consult with an AU Advisor for further information.

MacEwan University

Graduates may be eligible to apply to the third year of the Bachelor of Child and Youth Care program. Students must present a minimum cumulative GPA of 2.0 on the 4.0 scale.

Thompson Rivers University

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

University of Calgary

Graduates are eligible to apply to the two-year post-diploma Bachelor of Community Rehabilitation (BCR) program. Students should contact an Academic Advisor at the University of Calgary for further information.

University of Victoria

Graduates may be eligible to apply to the School of Child and Youth Care for completion of the Bachelor in Child and Youth Care program. Students should contact an Academic Advisor at the University of Victoria for further information.

Vancouver Island University

Graduates of the Child and Youth Care Counsellor program may be eligible to apply to the Bachelor of Arts in Child and Youth Care program. Students should contact an Academic Advisor at Vancouver Island University for further information.

International Transfer Opportunities

Griffith University, Australia

Graduates of the Child and Youth Care Counsellor program are eligible to receive advanced standing toward the Bachelor of Human Services degree. Students should contact an Academic Advisor for further information.

Commerce/Management (B.Comm; B.Mgmt; BBA) University Studies

Success in business rests on a strong foundation of basic business concepts in areas such as accounting, financial services, marketing, human resources, and more. If you are planning to pursue a degree in Commerce, Business Administration, or Management, MHC invites you to start taking your degree courses with us before transferring to your 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 21

The University Studies 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 Studies 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 Studies 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 of Alberta, Alberta School of Business

E-mail: bcominfo@ualberta.ca
Website: www.ualberta.ca/business

Bachelor of Commerce, with majors in:

Accounting
Business Economics & Law
Business Studies
Business Technology Management

Entrepreneurship and Innovation
Finance
Human Resources Management
International Business

Marketing
Operations Management and Organization

Admission to the Alberta School of Business Bachelor of Commerce program at the University of Alberta occurs after completion of a pre-professional year, which must include a minimum of 24 transferable credit units (8 courses) and designated pre-requisite courses. Admission is competitive.

University Studies

Students are encouraged to consult the University of Alberta Academic calendar regarding admission requirements and course selection. A Medicine Hat College Academic Advisor or a University of Alberta 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.

Commerce/Management (B.Comm; B.Mgmt; BBA) University Studies

Athabasca University, Faculty of Business

E-mail: business-support@athabascau.ca
Website: business.athabascau.ca

Bachelor of Commerce, with majors in:

Accounting	General	Indigenous Business
Business Technology Management	Human Resources Management	Marketing
Finance		

Bachelor of Management, with majors in:
General (90 credit)

Post-diploma admission to these degrees are available. For further information, please refer to the Business Administration Diploma information in the Medicine Hat College calendar on page 82.

University Studies

Students are encouraged to consult the Athabasca University Academic calendar regarding admission requirements and course selection. A Medicine Hat College Academic Advisor or an Athabasca 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.

University of Calgary, Haskayne School of Business

E-mail: undergraduate@haskayne.ucalgary.ca
Website: haskayne.ucalgary.ca

Bachelor of Commerce, with concentrations in:

Accounting	Finance	Personal Financial Planning
Business	International Business Strategy	Real Estate Studies
Business Analytics	Marketing	Risk Management and Insurance
Business Technology Management	Operations Management	Risk Management Insurance and Finance
Energy and Professional Land Management	Organizational Behavior and Human Resources	Supply Chain Management

Entrepreneurship and Innovation

Admission to the Haskayne School of Business Bachelor of Commerce program at the University of Calgary occurs after completion of six prescribed pre-commerce courses, and four optional electives. Admission is competitive.

University Studies

Students are encouraged to consult the University of Calgary Academic calendar regarding admission requirements and course selection. A Medicine Hat College Academic Advisor or a University of Calgary 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.

Commerce/Management (B.Comm; B.Mgmt; BBA) University Studies

University of Lethbridge (Lethbridge and Calgary Campus), Dhillon School of Business

E-mail: dhillon.advising@uleth.ca
Website: www.uleth.ca/dhillon

Bachelor of Management, with majors in:

Accounting	Finance	International Management
Agriculture Enterprise Management*	General Management	Marketing
Computer Science*	Human Resources and Labor Relations	Political Science
Economics*	Indigenous Governance and Business Management	

*Lethbridge Campus only

Admission to the Faculty of Management at the University of Lethbridge is competitive. The admission average for Transfer applicants presenting six or more transferable courses is calculated on all completed, transferable, post-secondary courses. Applicants presenting fewer than six transferable courses must also meet the High School Admission Route requirements. Post-diploma admission to this degree is available (for all majors other than Agriculture Enterprise Management, Computer Science, Economics and Political Science).

For further information, please refer to the Business Administration diploma in the Medicine Hat College calendar on page 82.

University Studies

Students are encouraged to consult the University of Lethbridge Academic calendar regarding admission requirements and course selection. A Medicine Hat College Academic Advisor or a University of Lethbridge 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.

Mount Royal University, Bissett School of Business

E-mail: businessadvising@mtroyal.ca
Website: www.mtroyal.ca

Bachelor of Business Administration degree with majors in:

Accounting	Human Resources	Marketing
Finance	International Business	Supply Chain Management
General Management		

Students who have completed four or more Post-Secondary courses by December 31 and will have completed at least eight postsecondary courses by June 30 for the Fall Semester will be considered as a Post-Secondary applicant. Post-Secondary applicants must meet minimum high school requirements. Admission is competitive.

University Studies

Students are encouraged to consult the Mount Royal University Academic calendar regarding admission requirements and course selection. A Medicine Hat College Academic Advisor or a Mount Royal 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.

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 you 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 I
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 incompletes 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

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

The Criminal Justice diploma program prepares students for a multitude of careers in criminal justice, including numerous governmental and non-government areas. These careers include opportunities in law enforcement, policing, private security, border enforcement, intelligence, criminal profiling, legal services, private investigations, and community peace officers.

The program provides a liberal arts education for adaptable career-minded individuals who are self-motivated and effective decision makers. The focus includes the development of responsible leaders for criminal justice careers. Possessing good communication and problem solving skills, as well as a positive attitude and values, makes students well suited for this program.

Aims of the Criminal Justice Program

The program is designed to prepare students to enter any one of many areas of public, contract, or private criminal justice occupations. Studies include exposure to an array of investigative techniques and practices including forensics, crime scene investigations, threat and risk assessments, and methods for gaining employment in the field of your choice.

Direction of the Criminal Justice Program

Rapid change, new technology, and increasing criminal sophistication demand that a criminal justice employee be well informed for a diverse and exacting profession. Police services, law enforcement industry trainers and educators have identified the key components and competencies required in the criminal justice community. In addition to leadership skills, these key competencies include ethics, analytical thinking, self-confidence, communication skills, flexibility, diligence, patience, self-control, problem solving, and physical skills. During the program students are encouraged to attain the necessary skills and fitness level to pass the testing requirements demanded by law enforcement organizations. Criminal Justice organizations expect applicants to be involved in their community and students are encouraged to volunteer for various groups and agencies.

This challenging and rewarding two-year program gives students the skills that future leaders in criminal justice will need to succeed. Students will also gain an understanding of the criminal justice systems through studies in human relations, psychology, sociology, investigations, policing, security, criminology and law.

Career Opportunities

The enforcement community encompasses a broad range of occupations in both government and private sectors. From government regulatory bodies to national security investigations, and specialized federal investigators to private security and consultants, the industry is extensive and growing. There are a large number of career opportunities with police agencies and studies have indicated that many agencies are in the process of replacing a large percentage of their staff in the immediate future. As a result of terrorist threats, there have been a substantial number of new opportunities created in private and government security.

Our graduates have obtained employment with a wide range of private, municipal, provincial and federal agencies, including the RCMP, Municipal Police, Customs, Immigration, Military Police, Corrections, Alberta Sheriffs, Motor Transport, and private security providers.

Graduates of our program may apply to local, provincial, or federal police forces, other law enforcement agencies, and to federal agencies and corrections. However, you must apply to these agencies directly as Medicine Hat College does not supply graduates directly to any agency. It is imperative in this regard that you assess the hiring standards, especially the minimum physical qualifications such as eyesight, before expending extensive time concentrating on a law enforcement career.

Potential Career Positions

Police Officers	Corrections Officers
Private Investigators	Customs Officers
Emergency Measures Planners	VIP Security
Risk Management Consultants	Security Consultants
Immigration Officers	Military Police Officers
Loss Prevention Investigators	Bylaw Enforcement Officers
Motor Transport Officers	Community Peace Officers

Admission Requirements

High School Route

60% in ELA 30-1 OR 65% in ELA 30-2

Mature Student Route

60% in ELA 30-1 or 65% in ELA 30-2

Criminal Justice Diploma

Program Requirements

First Year

Fall

CJLS 101	Introduction to Criminal Justice Careers
CJLS 102	Effective Communications in Criminal Justice
CJLS 106	Law and the Administration of Justice
CJLS 111	Investigations and Forensics
CJLS 135	Police and Security Technical Reports

Winter

CJLS 116	Federal and Provincial Criminal Justice Legislation
CJLS 120	Lifestyles and Career Orientation
CJLS 126	Criminal Code, Offence Elements and the Charter
CJLS 131	Interviewing and Statements
ENGL 125	Introductory Report Writing and Speech
SOCI 201	Introductory Sociology

Second Year

Fall

CJLS 231	Forensic Science
CJLS 233	Legal Evidence and Trial Presentation
CJLS 247	Public Safety, Emergency Planning, and Response
CJLS 251	Specialized Investigations
PSYC 201	Introduction to Psychology II - Social Science
SOCI 225	Criminology

Winter

CJLS 224	Mental Health
CJLS 241	Major Criminal Investigations
CJLS 246	Federal and Provincial Statutes
CJLS 257	Leadership and Development
SOCI 321	Youth Crime

One of

CJLS 221	Investigative Techniques
CJLS 261	Intelligence, Espionage and Terrorism

Students must contact the Program Coordinator to verify their schedule if completing the program outside of the normal cycle.

Continuation Requirements

The prerequisite for SOCI 225 and SOCI 321 is SOCI 201. Students who do not obtain a grade of C- or higher in SOCI 201 are not allowed to take SOCI 225 or SOCI 321.

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

Athabasca University

Graduates of the Criminal Justice Diploma program are eligible to receive up to 60 credits towards the Bachelor of Professional Arts (Criminal Justice), Bachelor of Professional Arts (Governance, Law and Management), or the Bachelor of Professional Arts (Human Services) programs. Students should contact an Athabasca University Academic Advisor for further information.

Justice Institute of British Columbia

Graduates of the Criminal Justice Diploma program with a minimum overall GPA of 72% and successful completion of a post-secondary English with a minimum grade of 72% will be granted admission into the third year of the Bachelor of Law Enforcement Studies (BLES) program. 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 for further information.

Lethbridge College

Graduates with a minimum cumulative GPA of 2.0 are eligible for admission and for block transfer into the third year of the Bachelor of Applied Arts in Justice Studies. Students should contact an Academic Advisor or a Lethbridge College Academic Advisor for further information.

Royal Roads University

Graduates are eligible to transfer into the third year of the Bachelor of Arts in Justice Studies program. Students must present a minimum cumulative GPA of 3.0 and meet all other admission criteria. Students should contact an MHC Academic Advisor or a Royal Roads Academic Advisor for further information.

Seneca College of Applied Arts and Technology

Graduates of the Criminal Justice Diploma program are eligible to receive a block transfer of 15 specific courses within the Honours Bachelor of Crime and Intelligence Analysis Degree program. 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 MHC Academic Advisor for further information.

International Transfer Opportunities

Griffith University

Graduates are eligible to receive advanced standing toward the Bachelor of Criminology and Criminal Justice program. Students should contact an MHC Academic Advisor for further information.

Data Analytics for Business Diploma

Academic Advising Office

Phone: 403.529.3819

The Diploma in Data Analytics for Business is designed for students with a variety of interests and backgrounds. It is an innovative and experiential program designed to take a deep dive into the data analytics process used in business decision-making. This includes collection, cleaning, analysis, interpretation, and visualization to create a compelling presentation designed to translate data into meaningful insights for businesses. This program is an intensive 16 months - 4 semester program, including a minimum of 51% of the training occurring on the job. Mentorship, classroom education, and on the job practical application are interspersed throughout the duration of the program. The course portion of the program will be delivered by Medicine Hat College in a flexible learning format.

This program is designed for the student who enjoys facing and solving problems with an entrepreneurial spirit. It will also appeal to those who want to drive innovation in organizations by leveraging data-based decision-making models. Students will get hands-on experience in a variety of data analytic tools and techniques that transform raw data into a critical decision-making tool supporting organizations and decision-makers. Furthermore, they will apply rigorous data analysis techniques learned in the classroom to solve complex real-world business problems, as well as learn how to present complex insights efficiently and effectively. Every semester, students will have access to a paid 6-week workplace field placement as a part of their experiential learning.

The workplace mentorship applied learning field placement will be designed to gain valuable professional experience through a just-in-time experiential learning approach to apply the competencies learned in class as part of the program. This program trains the next generation of leaders that will acquire just-in-time knowledge, skills and competencies needed to succeed in many different industries and can lead to a career that is rewarding, exciting, and challenging. Our proposed program aligns perfectly with labour market needs and sectors outlined in the Alberta Recovery Plan. Our learners will be hired and paid for their field placements by the companies they are placed with.

Admission Requirements

High School Route

High school diploma with:

- 50% in ELA 30-1 or 65% in ELA 30-2
- Math 30-1 or Math 30-2
- Two Grade 12 5-credit subjects with 50% or better

Mature Student Route

- 50% in ELA 30-1 or 65% in ELA 30-2
- Math 30-1 or Math 30-2

Program Requirements

First Year

Fall

DATA 110	Strategic Communication
DATA 120	Statistics for Data Analytics
DATA 130	Information Analysis
DATA 140	Applied Learning Field Placement I

Winter

DATA 160	Analytic Tools and Decision Making
DATA 170	Machine Learning I
DATA 180	Data Visualization & Business Reporting
DATA 190	Applied Learning Field Placement II

Spring/Summer

DATA 210	Artificial Intelligence
DATA 220	Project Management Analytics
DATA 230	Machine Learning II
DATA 240	Applied Learning Field Placement II

Second Year

Fall

DATA 260	Marketing & Social Media Analytics
DATA 270	Supply Chain Analytics
DATA 280	Financial Analytics
DATA 290	Applied Learning Field Placement II

Continuation Requirements

Prerequisite grades must be C- or higher.

Graduation Requirements

Students must complete all required courses with a minimum overall GPA of 2.0, with a minimum grade of C- in each course.

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 you 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:

- 50% in ELA 30-1 or 65% in ELA 30-2

Mature Student Route

- 50% in ELA 30-1 or 65% in ELA 30-2

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 will be required in practicum placements. Should the program coordinator judge, in consultation with faculty, that there is evidence that you are professionally unsuitable or a risk to clients, the coordinator may prohibit you from attending or completing a practicum.

NOTE: Students may take up to two courses "for interest" without meeting admission requirements. At this point, however, you 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 202	Math and Science
ELCC 203	Interpersonal Relations II
ELCC 204	Ecology of the Family
ELCC 205	Practicum III

Winter

ELCC 211	Infant and Toddler Care
ELCC 212	Professional Practice
ELCC 213	Inclusive Care and Education
ELCC 224	Children in Society
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 you 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 you 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

Athabasca University

Graduates are eligible to transfer into the Bachelor of Professional Arts (Human Services) program. Students are required to present an additional 15 university level credits prior to admittance into the Bachelor of Professional Arts program. Student should consult with 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 GPRC's Early Childhood Development diploma program. 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 Keyano's Early Childhood Development diploma program. 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 Lakeland College's Early Learning and Childcare diploma program. 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 Lethbridge College's Early Childhood Education diploma program. 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 the Early Learning and Child Care certificate they are eligible for admission into year two of MacEwan University's Early Learning and Child Care diploma program. 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 Red Deer Polytechnic's Early Childhood Education diploma program. 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 Calgary

Graduates are eligible to apply to the two-year post-diploma Bachelor of Community Rehabilitation (BCR) program. Be sure to contact the University of Calgary with any questions regarding admission and any minimum grade requirements for individual courses as well as pre-requisite requirements.

University of Victoria

Students who have completed a human services professional academic program at an accredited institution with an overall GPA of B or higher may be eligible to receive block credit upon admission to the School of Child and Youth Care (15 units for a one-year certificate and 30 units for a two-year diploma). This does not include vocational or continuing studies certificates or diplomas. The School of Child and Youth Care is a member of the BC Child and Youth Care Education Consortium. Students should contact the University of Victoria for further information.

International Transfer Opportunities

Griffith University, Australia

Graduates are eligible to receive advanced standing toward the Bachelor of Child and Family Studies program. Students should contact an 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 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 institutions convocation ceremony will pay the respective institutions fees.

Career Opportunities

Classroom Teacher K-12
Counsellor

Admission Requirements

Refer to Admissions Chart on page 21

University of Calgary, Faculty of Education

Phone: 403.220.6794 (*Werklund School of Education*)
E-mail: upe@ucalgary.ca
Website: www.werklund.ucalgary.ca

Types of degrees offered:

- 4 year Bachelor of Education (40-course degree) direct entry
- 4 year community based B.Ed.
- 2 year after degree, on campus or community-based (for holders of an approved degree)
- 5 year concurrent degree in which students will receive two undergraduate degrees (BA/BEd, BFA/BEd, BMus/BEd, BSc/BEd, BKin/BEd) (direct entry)

Level of teaching that can be pursued:

- Kindergarten/Elementary Route (Kindergarten to Grade 6)
- Secondary Route (Grades 7 – 12)
- K-12 Route; Specialization in English Language Learners, or Second Languages

Major/minor choices:

- Elementary - major chosen from list of teachable subjects
- Secondary - major and chosen from list of teachable areas

Students are encouraged to consult the University of Calgary Academic calendar regarding admission requirements and course selection. A Medicine Hat College Academic Advisor, or a University of Calgary Academic Advisor can assist students to 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.

University of Lethbridge, Faculty of Education

Phone: 403.329.2254 (*Student Program Services*)
E-mail: edu.sps@uleth.ca
Website: www.uleth.ca/education

Types of degrees offered:

- 5 year combined degrees in which students receive two undergraduate degrees
 - BFA/B.Ed BSc/B.Ed
 - BA/B.Ed BMgmt/B.Ed
 - BMus/B.Ed
- Post-diploma degrees
 - Pre-Post-Diploma B.Mgt./B.Ed.
 - Pre-Post-Diploma B.F.A-Art/B.Ed.
 - Pre-Post-Diploma B.F.A-Dramatic Arts/B.Ed.
 - Pre-Post-Diploma B.Mus./B.Ed.
- 2 year after degree (for holders of an approved degree)

Education (B.Ed.) University Studies

Level of teaching that can be pursued:

- Kindergarten to Grade 12

Major choices:

- Single discipline major
- General major

Minor choices:

- Optional from a list of teachable subjects
- Specialization: Optional from a list of Specializations

Students must consult the University of Lethbridge Academic calendar and program planning guides regarding admission requirements and course selection. A Medicine Hat College Academic Advisor, or a University of Lethbridge Academic Advisor can assist students to 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.

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.

Mount Royal University, Faculty of Education

Phone: 403.440.7729 (Department of Education)

E-mail: education@mtroyal.ca

Website: www.mtroyal.ca/bed/

Types of degrees offered:

- 4 year Direct Entry B.Ed (40 courses offered)

Level of teaching that can be pursued:

- Elementary (Kindergarten to Grade 6)

Major/minor choices:

• Elementary - generalist major; minor is chosen from a list of teachable areas (English, French, General Science, Health & Physical Education, History, Humanities, Indigenous Studies, Linguistics, Mathematics for Elementary Education, Social Studies, Spanish.

Admission to the Faculty of Education:

• Direct entry, competitive admission, from high school: grades are calculated based on the required Grade 12 courses for admission into the Faculty of Education.

The General Education (GNED) is a requirement of all Mount Royal University degree programs. The GNED involves satisfactory completion of GNED courses chosen from four different clusters - Numeracy & Scientific Literacy; Values, Beliefs & Identity; Community & Society; and Communication.

Students are encouraged to consult the Mount Royal University Academic calendar regarding admission requirements and course selection. A Medicine Hat College Academic Advisor, or a Mount Royal University Academic Advisor can assist students to 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.

University of Regina, Faculty of Education

Phone: 306.585.4537 (Student Program Centre)
E-mail: education.counselling@uregina.ca
Website: www.uregina.ca/education/index.html

Types of degrees offered:

- 4 year degree (BEd) Direct Entry, on-campus and community-based
- 2 year after degree (for holders of an approved degree)
- 5 year joint degree BEd/BKin and BEd/BSc with a Math Major

Programs offered:

- Early Elementary (pre-K-5) / Middle Years (6-9)
- Secondary (9-12)
- Baccalauréat in Education Française
- Arts Education
- Music Education

Major/minor choices:

- variety of areas available

Admission to the Faculty of Education:

- typically, a total of one year of pre-Education courses can be completed at MHC before transferring

Students are encouraged to consult the University of Regina Academic calendar regarding admission requirements and course selection. A Medicine Hat College Academic Advisor, or a University of Regina Academic Advisor can assist students to 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.

University of Saskatchewan, College of Education

Phone: 306.966.7654 (College of Education Programs Office)
E-mail: advising.education@usask.ca
Website: www.education.usask.ca

Types of degrees offered:

- Early/Middle Years
- Secondary
- Language Teacher Education Program
- Indigenous Education

Admission to the Faculty of Education:

- Admission GPA calculated on most recent 20 Arts/Science (pre-Education) courses
- Typically, a total of one year of pre-Education courses can be completed at MHC before transferring

Students are encouraged to consult the University of Saskatchewan Academic calendar regarding admission requirements and course selection. A Medicine Hat College Academic Advisor, or a University of Saskatchewan Academic Advisor can assist students to 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.

Electrician Apprenticeship

Academic Advising Office

Phone: 403.529.3819

Medicine Hat College offers seven apprenticeship programs leading to journeyman status and solid careers in the skilled trades. The following trade information is drawn from www.tradesecrets.alberta.ca. For more information about the apprenticeship program see page 73.

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 4 years (four 12-month periods) including a minimum of 1560 hours of on-the-job training, 8 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.

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

www.tradesecrets.alberta.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 your passion for the environment and making the world a better place can be combined with excellent job and earning potential. Would you like 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 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.

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 orientated 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

A partial listing of 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 or ELA 30-2 (minimum 60%)

A minimum of 55% in:

- Biology 20
- Chemistry 30 or Science 30
- Math 30-1 or Math 30-2

Mature Student Route

- ELA 30-1 or ELA 30-2 (minimum 60%)

A minimum of 55% in:

- Biology 20
- Chemistry 30 or Science 30
- Math 30-1 or Math 30-2

Computer competency requirement

Many of the courses in this program require a level of familiarity and competency with Microsoft Office suite of computer software. You 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 and Reclamation Technology Diploma

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.

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

Lakeland College

Graduates are eligible for admission into the third year of the Bachelor of Applied Science: Environmental Management (BAppSc) program. 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.

University of Lethbridge

Graduates may apply to the post-diploma Bachelor of Science (Environmental Science) program. 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 with a major in Environmental Science or Soil Science, or the Bachelor of Science in Renewable Resource Management with a major in Resource Science and receive up to 57 credits. Students should contact an MHC Academic Advisor for further information.

International Transfer Opportunities

Griffith University

Griffith University Graduates are eligible to receive advanced standing toward the Bachelor of Environmental Science degree. Students should contact an MHC Academic Advisor for further information.

Environmental Science (B.Sc.) University Studies

If you are interested in how the world works and what makes up the earth, a degree in environmental science might be the right path for you. Our program will prepare you to transfer to another institution after you complete a maximum of two years at Medicine Hat College.

Career Opportunities

Agricultural Companies
Environmental Consultant
Production/Manufacturing

Agrologist
Industrial Laboratories
Soil Scientist

Analyst
Land Reclamation Specialist
Research & Development

Admission Requirements

Refer to Admissions Chart on page 22

The University Studies 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. University Studies 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 Studies 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 of Alberta, Faculty of Agriculture, Life and Environmental Sciences

Phone: 780.492.4933 (Faculty of Agriculture, Life & Environmental Sciences, Student Services)

Email: questions.ales@ualberta.ca

Website: www.ualberta.ca/agriculture-life-environment-sciences/

Bachelor of Science degree offered in the area of Environmental and Conservation Sciences.

University Studies

Students are encouraged to consult the University of Alberta academic calendar regarding admission requirements and course selection. A Medicine Hat College Academic Advisor or a University of Alberta 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.

University of Alberta, Faculty of Science

Phone: 780.492.4758 (Faculty of Science, Student Services)

E-mail: advisor.science@ualberta.ca

Website: www.ualberta.ca/science

The Faculty of Science offers 3 types of science degrees - honours, specialization, and general. Bachelor of Science degree offered in area of Environmental Earth Sciences.

University Studies

Students are encouraged to consult the University of Alberta academic calendar regarding admission requirements and course selection. A Medicine Hat College Academic Advisor or a University of Alberta 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.

Environmental Science (B.Sc.) University Studies

University of Calgary, Faculty of Science

Phone: 403.220.8600 (Undergraduate Science Centre)

E-mail: science.advising@ucalgary

Website: www.science.ucalgary.ca

Bachelor of Science degree offered in the area of Environmental Science.

University Studies

Students are encouraged to consult the University of Calgary academic calendar regarding admission requirements and course selection. A Medicine Hat College Academic Advisor or a University of Calgary 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.

University of Lethbridge, Faculty of Arts & Science

Phone: 403.329.5106 (Academic Advising)

E-mail: artsci.advising@uleth.ca

Website: www.uleth.ca/artsci

Bachelor of Science degree offered in the area of Environmental Science.

Medicine Hat College students can transfer directly into the third year of University of Lethbridge's Bachelor of Science in Environmental Science after completing the Environmental Reclamation Technician Diploma program. Students interested in this pathway should apply directly to Medicine Hat College's Environmental Reclamation Technician Diploma program. Students should meet with a Medicine Hat College Academic Advisor to ensure they understand all admission and transfer requirements.

All University of Lethbridge degree programs have a Liberal Education Requirement. Liberal Education involves satisfactory completion of 12 Arts and Science courses, chosen from three distinct lists (List 1 – Fine Arts & Humanities; List 2 – Social Sciences; List 3 – Science).

This program offers a dual admission. This program has a Dual Admissions agreement with the University of Lethbridge that provides students with early access and security in their UofL transfer pathway. Please connect with your Academic Advisor for specific details and requirements to become a dual admitted student.

University Studies

Students are encouraged to consult the University of Lethbridge academic calendar regarding admission requirements and course selection. A Medicine Hat College Academic Advisor or a University of Lethbridge 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.

Fine Arts (B.F.A.) University Studies

Over four years, the Bachelor of Fine Arts (Visual Arts) degree develops creativity and competency in a variety of media. Students focus on contemporary studio practices in painting, drawing, printmaking, photography, and mixed media. Studio courses are supported by academic studies in traditional and contemporary art history. Students who begin the university studies pathway may either transfer to a BFA program at a university or transfer to the Art and Design program at Medicine Hat College.

Career Opportunities

Artist-in-residence	Conservator	Freeland artist	Painter
Art therapist	Corporate art consultant	Gallery manager	Photographer
Cartoonist	Curator	Graphic designer	Printmaker
Community arts centre director	Exhibition designer	Illustrator	Sculptor
Community arts worker	Fine artist	Mural artist	Web Designer

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/

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 21

The University Studies 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 Studies 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 Studies 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.

While students can continue their studies at a university, they can also transfer into our Art and Design program here at MHC.

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 Provincial Health Care Aide curriculum. This 8-month program offers students instruction in the classroom, laboratory, and clinical placements in 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.

Application Deadline

Applications are accepted for September (both campuses) and January start dates (Distributed Learning).

Career Opportunities

Upon graduation, students may find employment in home care and institutional settings where personal care is delivered. This career is very satisfying if you enjoy working with people. The work demands a high level of physical and emotional well-being.

Admission Requirements

- ELA 20-2 or 20-1 with a minimum mark of 60%; with a minimum score of 60% achieved or Canadian jurisdiction equivalent; or
- ELA 30-1 or 30-2 with a minimum mark of 55%; Canadian jurisdiction equivalent, such as a Canadian High School Equivalency Diploma (General Education Development-test (GED)); or
- 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.

Note: Students who have not met the ELA requirement (i.e., 20-1, 20-2, 30-1, or 30-2 English level) with the minimum grade are subject to completing the Next-Generation ACCUPLACER assessment test. This can include students out of province, out of country, or mature students that have been out of school for a significant length of time.

* please refer to the ELP section (pg.17) 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
- N95 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 and practicum placements
- Immunization records (deficiencies must be addressed or in the process of being addressed prior to clinical/practicum-placement)

NOTE: 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 MHC program consists of nine courses in two 16-week semesters:

Semester 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

Semester 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 practicum assessments
- meet attendance requirements as stated in the Health Care Aide program handbook
- should you fail to achieve these outcomes you will be required to withdraw from the program

NOTE: Students who do not achieve a passing grade in a course will be required to repeat it, and must meet with the Department Chair, or designate, or Academic Advisor to determine a progression plan.

All HCA students must successfully complete all course work and pass the provincial comprehensive final exam in order to graduate from the program and receive a certificate. Students will be required to pass the comprehensive final exam in order to receive their program certificate.

Notes

Students are expected to observe program policies regarding punctuality, attendance, dress, response to supervision and feedback, and to provide safe, competent nursing care. If your performance is questionable in relation to the delivery of safe patient care and/or to the maintenance of the program standards you 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. Students may be required to travel to neighboring communities for clinical and/or practicum placements. For international students: A coop work permit is required for practicum as well as your student visa, please contact our International Education Office for information (phone 403-504-3615 or www.mhc.ab.ca/InternationalStudents).

Heavy Equipment Technician Apprenticeship

Academic Advising

Phone: 403.529.3819

Medicine Hat College offers seven apprenticeship programs leading to journeyman status and solid careers in the skilled trades. The following trade information is drawn from www.tradesecrets.alberta.ca. For more information about the apprenticeship program see page 73.

The term of apprenticeship for a heavy equipment technician is 4 years (4 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 manufactures' 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 regarding 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](http://www.tradesecrets.alberta.ca) website. For complete information on Heavy Equipment Technician check out the website at www.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

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 we think and what we do creates the social and political environment in which we 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 Grade 12 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
FREN Any 200 level
GNED 220
LING 201

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
PSYC 200
STAT Any 200 level
MATH Any 200 level
PHIL 275, 279
PHYS Any 200 level

Critical Inquiry and Aesthetic Analysis

Two of

ARHI Any 200 level
BIOL 255
ECON Any 200 level
ENGL Any 200 level
GNED 220, 221
PHIL Any 200 level
POLI Any 200 level
RELI Any 200 level
SOCI 225

Historical and Political Analysis

Two of

ANTH Any 200 level
HIST Any 200 level
POLI Any 200 level
SOCI Any 200 level

Cultural, Social, and Behavioural Analysis

Two of

ANTH Any 200 level
ARKY Any 200 level
ECON Any 200 level
GEOG 203
GNED 230, 234
KNES Any 200 level
LING 203
POLI Any 200 level
PSYC 201
SOCI Any 200 level

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
SOCI Any 300 level

Humanities

Three of

DRAM Any 300 or 400 level
ENGL Any 300 level
HIST Any 300 level
PHIL Any 300 level

Humanities & Social Sciences Diploma

Electives

Four of

Any of the other 300 or 400 level University Studies courses listed above

Work Placement (Optional)

HSSW 300 Work Placement

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 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 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 the 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 you may have the opportunity to change your major based on your 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 your 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 your diploma testifies to your accomplishments and helps you gain solid work opportunities.

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

You are eligible to receive a certificate if you 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

- 50% or higher in ELA 30-1 or 60% or higher in ELA 30-2
- 50% or higher in Math 30-1 or 65% in one of Math 20-1 or Math 30-2

Prior Learning Assessment and Transfer Credit

Prior Learning Assessment may be granted for extensive work experience. This must be completed well in advance of the beginning of the program. (See the calendar section on Prior Learning Assessment for more details.) Transfer Credit for previous post-secondary training may be possible. Application for Transfer Credit must be made through the Office of the Registrar for the courses for which exemption is sought, preferably before the term in which such courses are offered.

Co-op Program Admission

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

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

Information Technology Diploma

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

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	Cisco 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 10, 100-level approved courses
- obtain no more than one D (D or D+) grade in 100-level courses

- complete a minimum of 10, 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

Athabasca University

Graduates of the Information Technology Diploma (both majors) are eligible to receive block transfer of 30 credits toward the post-diploma Bachelor of Science in Computing and Information Systems (BSc (PD)) program. Students may receive up to 30 additional credits on a course-by-course basis, provided courses in the diploma fulfill requirements of AU's BSc (PD) 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. 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 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 into the Bachelor of Information Systems Technology Information Systems major. Students should contact an MHC or NAIT Academic Advisor for further information.

Graduates of the Information Technology Diploma Network and System Administration major with a cumulative 2.3 GPA are eligible to enter into the Bachelor of Information Systems Program Network Management major. Students should contact an MHC or NAIT Academic Advisor for further information.

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

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

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 Aboriginal 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.

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 Placement

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 Studies

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, you 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 you to meet the admission requirements for a graduate program or another professional degree such as physical therapy or medicine.

Our program will prepare you to transfer to another institution after you 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 21

The University Studies 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 Studies 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 Studies 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 of Alberta, Faculty of Kinesiology, Sport and Recreation

Phone: 780.492.5604 (*Faculty of Kinesiology, Sport, and Recreation Undergraduate Studies Office*)
E-mail: ksr.info@ualberta.ca
Website: www.ualberta.ca/kinesiology-sport-recreation/

Bachelor of Kinesiology (B.Kin) degrees offered in the areas of:
Adaptive Physical Activity Sport Performance
Physical Activity and Health Individualized Major

The University of Alberta also offers a Bachelor of Science (B.Sc.) in Kinesiology and a combined five-year Bachelor of Kinesiology/Bachelor of Education.

University Studies

Students are encouraged to consult the University of Alberta academic calendar regarding admission requirements and course selection. A Medicine Hat College Academic Advisor or a University of Alberta 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.

Kinesiology (B.A., B.Kin., B.P.E., B.Sc.) University Studies

University of Calgary, Faculty of Kinesiology

Phone: 403.220.7018 or 403.220.3407 (*Faculty of Kinesiology Undergraduate Academic Advising*)
E-mail: knesinfo@ucalgary.ca
Website: www.ucalgary.ca/knes

Bachelor of Kinesiology (B.Kin) or Bachelor of Science (B.Sc.) in Kinesiology degrees offered in the areas of:

Biomechanics (BSc)	Leadership and Coaching (BKin)
Exercise & Health Physiology (BSc)	Mind Sciences in Kinesiology (BKin or BSc)
General (BKin or BSc)	

University Studies

Students are encouraged to consult the University of Calgary academic calendar regarding admission requirements and course selection. A Medicine Hat College Academic Advisor or a University of Calgary 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.

University of Lethbridge, Faculty of Arts and Science

Phone: 403.329.5106 (*Academic Advising*) or 403.329.2680 (*Kinesiology & Physical Education Department*)
E-mail: artsci.advising@uleth.ca or kinesiology@uleth.ca
Website: www.uleth.ca/artsci/kinesiology

The University of Lethbridge offers a Bachelor of Arts (BA) in Kinesiology and a Bachelor of Science (BSc) in Kinesiology. The University of Lethbridge also offers combined degrees with Education and Management in the areas of:

Bachelor of Arts/Bachelor of Education in Kinesiology (BA/BE Kin)
Bachelor of Science/Bachelor of Education in Kinesiology (BSc/BE Kin)
Bachelor of Arts/Bachelor of Management in Kinesiology (BA/BMgt Kin)
Bachelor of Science/Bachelor of Management in Kinesiology (BSc/BMgt Kin)

The Liberal Education Requirement applies to all University of Lethbridge degree programs. The Liberal Education Requirement involves satisfactory completion of Arts and Science courses from three distinct lists: List 1 – Fine Arts & Humanities; List 2 – Social Sciences; List 3 – Science.

This program offers a dual admission. This program has a Dual Admissions agreement with the University of Lethbridge that provides students with early access and security in their UofL transfer pathway. Please connect with your Academic Advisor for specific details and requirements to become a dual admitted student.

University Studies

Students are encouraged to consult the University of Lethbridge academic calendar regarding admission requirements and course selection. A Medicine Hat College Academic Advisor or a University of Lethbridge 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.

Kinesiology (B.A., B. Kin., B.P.E., B.Sc.) University Studies

Mount Royal University, Faculty of Health, Community & Education

Phone: 403.440.6500 (Department of Health and Physical Education Academic Advisors)
E-mail: physedinfo@mtroyal.ca
Website: www.mru.ca/bhpe

Bachelor of Health and Physical Education degrees offered in the areas of:

Athletic Therapy
Ecotourism and Outdoor Leadership
Physical Literacy
Sport and Recreation Management

The General Education (GNED) is a requirement of all Mount Royal University degree programs. The GNED involves satisfactory completion of GNED courses chosen from four different clusters – Numeracy & Scientific Literacy; Values, Beliefs & Identity; Community & Society; and Communication.

University Studies

Students are encouraged to consult the Mount Royal University academic calendar regarding admission requirements and course selection. A Medicine Hat College Academic Advisor or a Mount Royal 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.

University of Saskatchewan, College of Kinesiology

Phone: 306.966.1060 (College of Kinesiology, Academic Inquiries)
E-mail: kin_advisor@usask.ca
Website: www.kinesiology.usask.ca

Bachelor of Science in Kinesiology degrees offered in the areas of:
Exercise and Sport Studies (BSc)
Combined Bachelor of Science in Kinesiology/Bachelor of Education (BSc/BEEd)

University Studies

Students are encouraged to consult the University of Saskatchewan academic calendar regarding admission requirements and course selection. A Medicine Hat College Academic Advisor or a University of Saskatchewan 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.

University of Regina, Faculty of Kinesiology and Health Studies

Phone: 306.585.4360 (Faculty of Kinesiology)
E-mail: kinesiology@uregina.ca
Website: www.uregina.ca/kinesiology/

Bachelor of Kinesiology degrees offered in the areas of:
Human Kinetics
Health Promotion
Gerontology

University Studies

Students are encouraged to consult the University of Regina academic calendar regarding admission requirements and course selection. A Medicine Hat College Academic Advisor or a University of Regina 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.

Nursing

University of Calgary Bachelor of Nursing at Medicine Hat College

Academic Advising
Phone: 403.529.3819

Introduction

The University of Calgary (UofC) Bachelor of Nursing program at the Medicine Hat College site is an 8 semester program offered entirely on the Medicine Hat College (MHC) campus. This innovative Bachelor of Nursing degree program and integrated curriculum prepares students for the opportunities and challenges of a nursing career in a changing health care system. Throughout the program, students are provided with an extensive theoretical foundation and supervised practice experience in a variety of nursing settings. One BN entrance route is available: a full time four-year route with an annual September intake.

Undergraduates of the U of C nursing program strive for excellence in meeting entry-level competencies as outlined by the College of Registered Nurses of Alberta (CRNA) (2019) in nine domains: Clinician, Professional, Communicator, Collaborator, Coordinator, Leader, Advocate, Educator, and Scholar. They demonstrate professional and ethical decision-making behaviours as outlined by the Canadian Nurses Association Code of Ethics for Registered Nurses (2017). Students in the nursing program participate in the generation of disciplinary knowledge and are prepared to interpret, integrate and apply relevant knowledge from other fields to their practice on a continuum of active learning. Graduates are prepared to provide a strong voice in inter-professional, collaborative undertakings; use evidence-informed approaches and diverse ways of knowing to provide compassionate care. Graduates take on leadership roles to promote health for individuals, families, public groups, communities and/or populations who are experiencing health transitions and, as such, work in a variety of practice settings across health/illness trajectories.

The University of Calgary (UofC) Bachelor of Nursing program at the Medicine Hat College site is an approved program by CARNA Nursing Program Approval Education Board.

Career Opportunities

Employment opportunities for registered nurses are many and varied. Nursing positions are found in acute care (hospital) settings, extended care, home care, community, and rural settings. Nurses are also employed in occupational health nursing, and various government services such as outpost nursing, penitentiaries, international nursing or with the Canadian Armed Forces. Additionally, baccalaureate prepared nurses can also pursue graduate studies so they can have more advanced roles in practice and in nursing research.

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 University of Calgary policies and regulations. Although nursing students in 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): cna-aic.ca/html/en/Code-of-Ethics-2017-Edition/files/assets/basic-html/page-1.html
- CARNA Practice Standards for Regulated Members (2013): www.nurses.ab.ca/content/dam/carna/pdfs/DocumentList/Standards/PracticeStandards_Jan2013.pdf
- CARNA Requisite Skills and Abilities for Becoming a Registered Nurse in Alberta (2011): www.nurses.ab.ca/content/dam/carna/pdfs/DocumentList/Guidelines/RN_RequisiteSkills_May2011.pdf

Students are expected to ensure they are both familiar with, and comply with these standards.

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.

Nursing is a practice-based profession. Nursing practice at Medicine Hat College begins in Term 3. Clinical placements take place in a variety of institutional and community settings including rural and urban centres, with a variety of client populations. Students are expected to travel, at their own expense, to any nursing practice agency within commuting distance to Medicine Hat. Examples of facilities and agencies utilized by the Faculty of Nursing include: Medicine Hat Hospital, Bow Island Hospital, Brooks Hospital, and various community agencies such as but not limited to Medicine Hat Home Care, Medicine Hat Public Health Unit, and long term care facilities within Medicine Hat. Term 7 has three areas of focus: Rural health, consisting of out-of-region placements for the rural foci, Older Adult, consisting of community and hospital settings and Perinatal, in the hospital setting. Term 8 preceptorship, with placement opportunities within the province. Canada wide and international placements are available and arranged on an individual basis.

Program Structure

Semesters 1 & 2: Combination of required, option courses or program prerequisites needed to proceed to year two.

Semesters 3, 4, 5, and 6 have identical course designs and consist of four courses per semester: The Profession & Discipline, The Science of Health, Supporting Health, and Nursing Practice.

Each Term has the following focus:

Semester 3: Community and Population Health

Semester 4: Transitions Across the Lifespan

Semester 5: Acute Health Challenges

Semester 6: Chronic Health Challenges

Semester 7: Complex Health Challenges in Focused Populations

Semester 8: Preceptored Practicum

University of Calgary at Medicine Hat College Admission Requirement

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 UofC entrance

Nursing (B.N.)

University of Calgary Bachelor of Nursing at Medicine Hat College

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.

Enrolment in the BN program is limited. Applicants will be accepted on the basis of academic standing in high school and/or previous post-secondary education completed. Applications will be accepted until all seats are filled.

Program documentation is due June 30.

International Student Admission

International applicants should be aware of the following “English Language Proficiency” requirements. For entry to the Bachelor of Nursing 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

Immunization 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.

Police Information Check (PIC)

All applicants to the Nursing 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. Subsequent to admission and at any time during the program, a student may be required to produce a current PIC, 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 BN 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

N95 mask fitting is a pre-program requirement that will be scheduled and completed on campus site before the first day of class for year one nursing students. Documented proof of the test must be

provided to the Faculty of Nursing department prior to commencement of the program. Fit testing is valid for two years; therefore, students will be scheduled for their second fit testing on campus prior to expiration.

Intervention Record Check (IRC)

All applicants to the Nursing 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. Students are encouraged to review the document “Requisite Skills and Abilities for Becoming a Registered Nurse in Alberta (March 2021)” to identify their fit with the requirements of becoming a registered nurse and/or identify their potential need for accommodation in becoming a member of the nursing profession. Examples following each requisite skill and ability are included in the document to provide the nature and kind of activities involved in typical entry-level registered nurse practice. 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 those with disabilities (Alberta Human Rights Commission).

Program Requirements

The education provided is based on the entry-to-practice competencies as specified by the Nursing Educational Approval Board in Alberta. Students must meet these competencies to successfully complete the nursing program.

First Year

Semesters 1 and 2

BIOL 275	Basic Human Anatomy and Physiology I
BIOL 277	Basic Human Anatomy and Physiology II
ENGL 2XX	Any 200 level English
Statistics	(STAT 333 recommended)
Junior Arts Option	(PSYC 201 or SOCI 201 recommended)
Junior Philosophy Option	
Junior Open Option	(CMMB 250 or Science option recommended)
Junior Open Option	(IDST 100 recommended)
Junior Open Option	
Junior Open Option	

Note: Junior options may be any course that transfers to the University of Calgary. For more information or confirmation of appropriate courses, consult the Alberta Transfer Guide or contact your Academic Advisor.

Second Year

Semester 3 -

	Issues and Experiences of Population Health Challenges
NURS 285	The Discipline and Profession of Nursing I: Foundational Professional Concepts
NURS 287	The Science of Health I: Communities and

Nursing

University of Calgary Bachelor of Nursing at Medicine Hat College

NURS 289 Integrating Nursing Roles and Practices I: Learning, Praxis and Scholarship in the Practicum Setting

Semester 4 - Issues and Experiences of Family Health Transitions and Challenges

NURS 385 The Discipline and Profession of Nursing II: Inter-Professional Practice and Professional Accountability

NURS 387 The Science of Health II: Families in Transition

NURS 388 Supporting Health II: Families in Transition

NURS 389 Integrating Nursing Roles and Practices II: Learning, Praxis and Scholarship in the Practicum Setting

Third Year (Register with U of C)

Nursing (NURS) courses listed below (Years 3 and 4) are University of Calgary courses. Refer to the University of Calgary Calendar for course descriptions: www.ucalgary.ca/pubs/calendar/current/nursing.

Semester 5 - Issues and Experiences of Life Threatening Health Challenges

NURS 485 The Discipline and Profession of Nursing III: Further Inquiry and Scholarship in Nursing

NURS 487 The Science of Health III: People Experience Life Threatening Health Challenges

NURS 488 Supporting Health III: People with Life Threatening Health Challenges

NURS 489 Integrating Nursing Roles and Practices III: Learning, Praxis and Scholarship in the Practicum Setting

Semester 6 - Issues and Experiences of Chronic Health Challenges

NURS 495 The Discipline and Profession of Nursing IV: Understanding the Challenges of Leadership and Systems of Care

NURS 497 The Science of Health IV: People Experience Chronic Health Challenges

NURS 498 Supporting Health IV: People With Chronic Health Challenges

NURS 499 Integrating Nursing Roles and Practices III: Learning, Praxis and Scholarship in the Practicum Setting

Fourth Year (Register with U of C)

Semester 7 - Focused Exploration of Complex Health Challenges

NURS 585 The Discipline and Profession of Nursing V: Challenges of Leadership and Systems of Care: Nursing and Health Care Systems, Policy, Ethics and Politics

NURS 589 Integrating Nursing Roles and Practices V: Learning, Praxis and Scholarship in the Practicum Setting

Senior Nursing Option I

Senior Nursing Option II

Semester 8 - Transition to Practice: Senior Clinical Practicum

NURS 599 Integrating Nursing Roles and Practices VI: Transition to Nursing Practice

Continuation Requirements

Students must demonstrate successful completion and satisfactory standing of all courses in Semesters 1 and 2 before advancing to subsequent semesters.

Satisfactory Standing

To maintain satisfactory standing students must meet all of the following conditions:

- All non-nursing courses (Semester 1 and Semester 2) require a minimum grade of C-.
- Students must attain a minimum grade of C+ in all nursing theory courses. Students who do not achieve a minimum grade of C+ in a nursing theory course will be required to repeat it, along with all co-requisite nursing theory and practice courses and must meet with the Department Chair or designate to determine a progression plan.
- Obtain a grade of CREDIT (CR) in the nursing practice courses to be successful/pass. If students do not receive a passing grade, students will receive one of the following grades: NO CREDIT (NC), WITHDRAWAL (W), or a FAIL (F) for that course. A NC, W, or a F must be cleared (i.e. must successfully repeat the course) to advance to the next clinical course and/or term. Students are permitted to repeat any required course only once while in the nursing program.
- Students who receive a grade of "F" in a nursing practice course will be required to repeat it and the corequisite nursing theory courses in that same term. Students will be required to withdraw from the corequisite theory courses at the time of failure of the nursing practice course and meet with the Department Chair or designate to determine a progression plan.
- Maintain a GPA of 2.0 as a MHC student in each semester in years 1 and 2 and an annual GPA of 2.0. If a student's GPA is below 1.7, a letter of academic probation from the College will be given in addition to a letter of warning from the nursing program. A student may only be on academic probation once during the nursing program [while as a MHC student or as a University of Calgary student].
- All nursing practice experiences are mandatory. Students that miss two or more labs/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. Students will be required to meet with the Department Chair or designate to determine a progression plan.
- Promotion from year to year is by recommendation of the Faculty of Nursing. Terms 1 and 2 are taken in Year 1; Terms 3 and 4 are taken in Year 2; Terms 5 and 6 are taken in Year 3 and Terms 7 and 8 in Year 4.
- Students must maintain an annual GPA of 2.5 as a U of C student.

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Students that do not meet one or any of the satisfactory standing requirements [as mentioned above] will be given an academic warning within the Nursing Program. If students do not meet the requirements a second time, students will be required to withdraw (RTW) from the nursing program and not be able to reapply to the Nursing Program. (An “academic warning” within the nursing program is different than being put on “academic probation” by the College or by the University. Consult the Medicine Hat College calendar and the University of Calgary calendar for circumstances indicating academic probation).

Students required to withdraw from the nursing program are not necessarily required to withdraw from the college and could possibly continue in other college programs.

Students that are dismissed from the nursing program once, can return to the nursing program but must wait until the next offering of the term from which the student was dismissed. Students must complete the nursing program in their second admission within seven years of initial registration in the program. Students can re-apply to the program only once.

While the College and Program will endeavour to inform students of their academic status in a timely manner, students are responsible for monitoring their own academic program and informing the Department Chair if they have been unsuccessful in a course.

Program Policies Related to Practice Experiences

Students' clinical experiences may be at sites outside of Medicine Hat and may be scheduled at various hours, including evenings, nights, statutory holidays, and weekends.

Students are expected to make accommodation for commitments outside the program to fit this scheduling. Participation in all activities related to clinical is mandatory. Failure to fully participate in clinical experiences may jeopardize their standing in the program. Should student performance compromise patient safety and/or fall below acceptable professional standards of the program, the student will be asked to leave the clinical site and will receive Fail (F) for that course immediately.

Other Relevant Information

- Information related to the students academic conduct and clinical performance at MHC may be shared with the Faculty of Nursing at the University of Calgary.
- Students may be required to produce a medical clearance to continue after an injury, illness, or surgery.
- Students are only allowed to be on academic probation one time during the Nursing Program in years 1, 2, 3, & 4
- Students will need to purchase the following items throughout the program: uniforms, lab jacket, duty shoes, lab supplies (nursing and non-nursing courses), a watch with a sweep hand, a stethoscope, textbooks and related supplies as outlined in course outlines, and any updates for required program certifications.
- Access to a personal vehicle is required for experiences in the community and possibly for other clinical experiences.
- The Nursing Program at MHC follows the University of Calgary academic calendar start and end dates for each semester. This is only applicable for the years 2, 3 & 4.

- All students in years 3 and 4 of the MHC nursing program follow the University of Calgary Faculty of Nursing program policies and protocols.

Duration of Program

Except with special permission of the Associate Dean (Undergraduate Programs) at the University of Calgary, the BN degree must be completed within seven calendar years from the date of

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 seniors with a variety of health conditions, students learn how to use a variety of interventions to help clients. The activities may include games or crafts; 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.

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 training with potential employers in hospitals, private clinics, home care settings, schools, and community programs.

The diploma is offered both On site (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

Education Accreditation Canada (PEAC) and the Canadian Association of Occupational Therapists (CAOT). The status of Accreditation was granted to the program on April 30, 2015 for the period until April 30, 2021. Occupational Therapist Assistant and Physiotherapist Assistant Education Accreditation Program, Suite 26, 509 Commissioners Road W, London, Ontario N6J 1Y5. Phone: 226.636.0632 Website: www.otapta.ca

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 or pre-arranged sites for one weekend lab in each of OPTA 212, OCTA 215, OCTA 216, PHTA 215, and PHTA 216. For further information, please contact the program coordinator.
- 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 by 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.

OTA or PTA Graduates

Individuals who have obtained an OTA or PTA certificate or diploma from Medicine Hat College or another Canadian public college may apply to complete the OTA/PTA program at Medicine Hat College. Specific information about this opportunity include the following:

- Applicants will be assessed as transfer students for entrance requirements.
- Once accepted, educational transcripts are evaluated for transfer credit and/or substitution credit into the MHC OTA/PTA program.
- Students currently working as an OTA or PTA may be eligible for PLAR for some courses.
- Students will be required to take all courses in the MHC OTA/PTA program where transfer or substitution credit has not been granted.
- Students will be required to take all the discipline specific courses, including fieldwork, in the focus area that the original certificate/diploma was not received (i.e. if it is a PTA diploma, all OTA courses must be completed and vice versa.) requirements.
- Students may be required to take an additional course (TAPC 209) to bridge between the original certificate/diploma and the MHC program.
- In order to receive the MHC OTA/PTA diploma, students meet the residency requirements of Medicine Hat College.

Occupational Therapist Assistant/ Physical Therapist Assistant Diploma

This opportunity is available to a limited number of students per intake and is primarily delivered through online. Please contact the program coordinator of the online cohort for further information.

Part-Time Program

Students wishing to take an extended or part-time program must receive approval from the program coordinator(s).

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 a minimum mark of 60% in each of:

- ELA 30-1
- Biology 30
- Two 30-level subjects, one of which must be a 30-level Science, Math 30-1 or Math 30-2

Mature Student Route

A minimum mark of 60% in:

- ELA 30-1
- Biology 30

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

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 have received the program orientation package, students must:

- complete a standardized health form, program of immunization (and chest x-ray as required)
- provide a current resume if requested
- provide proof of current CPR/AED Certification from one of the following:
 - o Heart & Stroke Foundation: Basic Life Support (BLS)
 - o Canadian Red Cross: Level Health Care Provider (HCP)
 - o St. John Ambulance: Health Care Providers (HCP)
- a positive Police Information Check (PIC) may prevent fieldwork placements and, as a result, completion of the program.

- provide a current Police Information Check with Vulnerable Sector Check. (Students are obligated to inform the Program Coordinator immediately of any change in the status of their criminal record)
- provide proof of current 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 (ENGL 252 recommended)*	
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	(SOC1 203 recommended)
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:

* ENGL 125 is offered by online learning at MHC. Other English courses are not offered by online learning at MHC but are available in a online learning format through other post-secondary institutions. Contact Academic Advising for more information.

+ 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.

Occupational Therapist Assistant/ Physical Therapist Assistant Diploma

- 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 by students. 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 in order 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 usually full-time placements unless otherwise approved by the coordinator and fieldwork sites.

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 OCTA 215, OCTA 216, OPTA 212, 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 the students 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.

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 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

Individual courses transfer to post-secondary institutions as outlined on Transfer Alberta at www.transferalberta.ca.

Athabasca University

Athabasca University

Graduates are eligible to receive up to 60 credits towards the Bachelor of Professional Arts (Human Services major). Students should consult with 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 an Academic Advisor at TRU for further information.

University of Calgary

Graduates are eligible to apply to the two-year post-diploma

Bachelor of Community Rehabilitation (BCR) program. Students

should be sure to consult Transfer Alberta when choosing option/

elective courses when considering transfer to the U of C, access

to higher level courses may be restricted if proper planning is not

employed. Students should contact an MHC 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 program. 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 Col-

lege 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 agreement is currently under

review; please contact 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 criterion 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 fourth year (Applied Degree section) is available to students following graduation at a time of their choosing via online learning and not face-to-face at Medicine Hat College.

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 however 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.

Prior Learning/Transfer Credit

Previous education and qualifications may be applied to the program. Students that currently hold an EMR certificate or a PCP certificate from an Accreditation Canada or Alberta College of Paramedics approved program may receive credit for experience and education through Medicine Hat College's Prior Learning/Transfer Credit assessments. Prior Learning and/or Transfer Credit for PCP does not permit progression into the advanced paramedic courses. All required non-Para courses need to be completed prior to taking the advanced paramedic courses. Consult with an Academic Advisor or program coordinator for further details.

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
- Grade 12 five-credit subject (CHEM 30 is recommended)

Mature Student Route

Overall average of 60% and no grade lower than 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 you have previous post-secondary education, you should meet with the MHC Paramedic Advisor for information on how your 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).

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

NOTE: Failure to submit the 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

Fall

BIOL 231	Introduction to Biology I
BIOL 275	Basic Human Anatomy and Physiology I
IDST 100	Introductory Communications for Helping Professionals.
KNES 247	Introduction to Wellness, Fitness and Nutrition
PARA 100	Foundations of Paramedic Practice I

Winter

BIOL 277	Basic Human Anatomy and Physiology II
PARA 115	Professional Communications for Paramedics
PARA 120	Foundations of Paramedic Practice II
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 Prehospital 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
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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**
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Fourth Year (Applied Degree Completion via online learning)

MGMT 243	Human Resources Management
PHIL 313	Bioethics**
STAT 333	Statistics for the Life Sciences
PARA 452	EMS and the Canadian Health System
PARA 453	Community Focused Theory
PARA 454	Leadership in Health Care
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 100, PARA 115, PARA 120, 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

Paramedic - Bachelor of Applied Health Sciences Diploma and Applied Degree

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, you 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 course 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 course work deemed necessary by the assigned instructor to returning to the program.
- Depending on the results of the assessment or course work 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.
- Fourth year degree courses must be completed within five (5) years of starting the degree component (fourth year).

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

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.

Professional Driving Improvement Course Requirements

Students will be required to successfully complete the Professional Driving Improvement Course (PDIC). This course is offered through Continuing Studies at Medicine Hat College. Students will be responsible for paying the cost associated with this course.

The course must be successfully completed by the end of the first year of the program. For employment purposes, students will be required to successfully attain a Class 4 drivers license and therefore it is recommended that students remove any Graduated Driver's License early and preferred in advance of acceptance into 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).

As a student in the paramedic program you are expected to exercise responsible conduct that reflects favorably on you, 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

Plumber Apprenticeship

Academic Advising Office

Phone: 403.529.3819

Medicine Hat College offers seven apprenticeship programs leading to journeyman status and solid careers in the skilled trades. The following trade information is drawn from www.tradesecrets.alberta.ca. For more information about the apprenticeship program see page 73.

The term of apprenticeship for a plumber is 4 years (four 12-month periods) including a minimum of 1500 hours of on-the-job training and 8 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.

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

www.tradesecrets.alberta.ca

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 4th 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 3rd class certificate is awarded. 2nd class ABSA exams can be written after being awarded a 3rd class certificate.

Upon successful completion of the entire program, you 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 our 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

High school diploma and a minimum 60% standing in:

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

Mature Student Route

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

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

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) (BSc (PD)) programs. Students may receive up to 30 additional credits on a course-by-course basis, provided courses in the diploma fulfill requirements of AU's BSc (PD) programs.

Graduates are eligible to receive block transfer of 60 credits towards the post-diploma Bachelor of Science (General Science). Students should contact an AU Academic Advisor for further information.

Practical Nurse Diploma

Academic Advising Office

Phone: 403.362.1682 (Brooks Campus)
or 403.529.3819 (Medicine Hat Campus)

This program is at Brooks Campus

The Practical Nurse program is a two-year (5 semester) diploma program that prepares you 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 the 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.

Admission Requirements

High School Route

- 60% in ELA 30 -1 or 70% in ELA 30-2
- 60% in Math 20-1 or 70% in or Math 20-2
- 60% in Biology 30 or Bow Valley College ANAT 1101

Mature Student Route

- 60% in ELA 30 -1 or 70% in ELA 30-2
- 60% in Math 20-1 or 70% in or Math 20-2
- 60% in Biology 30 or Bow Valley College ANAT 1101

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 the original documents for future employment purposes.

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 a 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. If students do not have this documentation it may result in students being removed from practice courses until adequate proof has been provided.

International Students

A coop work permit is required for practicum as well as your student visa, please contact our International Education and Diversity Office for information (phone 403.504.3615 or mhc.ab.ca/InternationalStudents).

Program Requirements

First Year

Fall

BIOL 152	Anatomy and Physiology for Practical Nurses
COMM 154	Interpersonal Communications 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 your performance is questionable in relation to the delivery of safe patient care and/or to the maintenance of the program standards you 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 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 you 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.

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

Thompson Rivers University

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

Practical Nurse Refresher Certificate

Academic Advising Office
403.529.3819 (Medicine Hat Campus)

The Practical Nurse Refresher program is a one-year (3 semester) certificate program that prepares you to renew your professional certification as a Licensed Practical Nurse (LPN). Students will gain the knowledge, skills and practical competencies required by the College of Licensed Practical Nurses of Alberta (CLPNA) to practice as an LPN. The PN Refresher graduate will use previously learned skills as well as a wide range of new knowledge and 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 with a wider range of knowledge and skills.

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 on 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.

The program consists of online theory courses, in-person labs at the Medicine Hat Campus, and clinical practicum at a site within Alberta and geographically relevant for the student.

Graduates of this program are eligible for re-licensure through the College of Licensed Practical Nurses of Alberta upon successful completion of the program.

Admission Requirements

- Applicants must be a graduate of a Practice Nurse program in Canada
- Letter of eligibility from the College of Licensed Practical Nurses of Alberta (CLPNA) or Verification of Registration for out of province applicants required

Pre-Program Requirements

Pre-Program Requirements include immunization requirements in accordance with AHS “Standards of Immunization of Post-Secondary Health Care Students and Students in Other High-Risk Occupational Programs”, N-95 mask Fit Testing, Police Information Check and Intervention Check, and CPR-BLS. Documented proof of completion must be provided to the School of Health and Community Services prior to commencement of the program. If any of these requirements become outdated during the program, the student is required to provide proof of updates.

Program Requirements

Fall

PNRE 100	Fundamentals I
PNRE 101	Interpersonal Communication
PNRE 102	Fundamentals II
PNRE 103	Pharmacology
PNRE 104	Adult Health Assessment
PNRE 105	Lab I

Winter

PNRE 120	Fundamentals III
PNRE 121	Pediatrics
PNRE 122	Maternal and Newborn
PNRE 123	Mental Health and Addiction
PNRE 124	Community Health
PNRE 125	Lab II

Spring

PNRE 150	Final Practicum
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Continuation Requirements

To successfully complete this program, students must:

- maintain a C+ in all PNRE courses
- attain a CR (Pass) in both lab courses and the final practicum

Graduation Requirements

Students 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). Graduates of the PN Refresher Program are eligible to apply for reinstatement of their LPN license.

Pre-Employment Apprenticeship

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.

Science (B.Sc.) University Studies

If you are 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. Our program will prepare you to transfer to another institution after you complete a maximum of two years at Medicine Hat College. Your 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 Studies Science program. Students can take pre-professional program requirements within our 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
Animal Biology (Zoology)
Chiropractor
Consulting
Dentist or Dental Hygienist

Doctor
Environmental Science
Government
Industrial Laboratories
Lab Technician
Optometrist

Pharmaceutical
Production/Manufacturing
Registered Dietitian
Research & Development
Veterinarian

Admission Requirements

Refer to Admissions Chart on page 22

The University Studies 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 Studies 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 Studies 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 of Alberta, Faculty of Science

Phone: 780.492.4758 (Faculty of Science, Student Services)
E-mail: advisor.science@ualberta.ca
Website: www.ualberta.ca/science

The Faculty of Science offers 3 types of science degrees: honours, specialization and general - in the following areas:

Applied Mathematics	Immunology & Infection	Physical Sciences
Astrophysics	Integrated Physiology	Physics
Biochemistry	Mathematical Physics	Physiology
Biological Sciences	Mathematics	Psychology
Cell Biology	Molecular, Cellular & Developmental	Statistics
Chemistry	Paleontology	Neuroscience
Ecology, Evolution & Environmental Biology	Pharmacology	

Professional programs offered at the University of Alberta include Dental Hygiene, Dentistry, Medical Laboratory Science, Medicine, Pharmacy, and Radiation Therapy.

Science (B.Sc.) University Studies

University Studies

Students are encouraged to consult the University of Alberta academic calendar regarding admission requirements and course selection. A Medicine Hat College Academic Advisor or a University of Alberta 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.

University of Calgary, Faculty of Science

Phone: 403.220.8600 (Undergraduate Science Centre)

E-mail: science.advising@ucalgary.ca

Website: www.science.ucalgary.ca/

The Faculty of Science offers degrees in the following areas:

Astrophysics	Computer Science	Plant Biology
Biochemistry	Ecology	Zoology
Biological Science	Cellular, Molecular & Microbial Biology	
Chemistry	Physics	

Professional Programs offered at the University of Calgary include Medicine and Veterinary Medicine.

University Studies

Students are encouraged to consult the University of Calgary academic calendar regarding admission requirements and course selection. A Medicine Hat College Academic Advisor or a University of Calgary 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.

University of Lethbridge, Faculty of Arts and Science

Phone: 403.329.5106 (Academic Advising)

E-mail: artsci.advising@uleth.ca

Website: www.uleth.ca/artsci

The Faculty of Arts & Science offers degrees in the following areas:

Agricultural Biotechnology	Biological Sciences	Mathematics
Agricultural Studies	Chemistry	Neuroscience
Applied Statistics	Environmental Science	Physics
Archaeology & Geography	General Major in Science	Psychology
Biochemistry	Geography	

All University of Lethbridge degree programs have a Liberal Education Requirement. Liberal Education involves satisfactory completion of 12 Arts and Science courses, chosen from three distinct lists (List 1 – Fine Arts & Humanities; List 2 – Social Sciences; List 3 – Science).

University Studies

Students are encouraged to consult the University of Lethbridge academic calendar regarding admission requirements and course selection. A Medicine Hat College Academic Advisor or a University of Lethbridge 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.

Science (B.Sc.) University Studies

MacEwan University, Faculty of Arts & Science

Phone: 780.497.4505 (Faculty of Arts & Science Program Services)
E-mail: artsandscience@macewan.ca
Website: www.macewan.ca/science

The Faculty of Arts & Sciences offers degrees in the following areas:

Biological Sciences
Mathematics

Chemistry
Physical Sciences

Mathematical Sciences
Psychology

In mathematical sciences students focus on two of the following areas of concentration: mathematics, statistics, or computer science.

University Studies

Students are encouraged to consult the MacEwan University academic calendar regarding admission requirements and course selection. A Medicine Hat College Academic Advisor or a MacEwan 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.

Mount Royal University, Faculty of Science & Technology

Phone: 403.440.7220 (Bachelor of Science Academic Advisors)
E-mail: scitechadvising@mtroyal.ca
Website: www.mtroyal.ca/science

The Faculty of Science & Technology offers degrees in the following areas:

Biology

Chemistry

General Science

The General Education (GNED) is a requirement of all Mount Royal University degree programs. The GNED involves satisfactory completion of GNED courses chosen from four different clusters – Numeracy & Scientific Literacy; Values, Beliefs & Identity; Community & Society; and Communication.

University Studies

Students are encouraged to consult the Mount Royal University academic calendar regarding admission requirements and course selection. A Medicine Hat College Academic Advisor or a Mount Royal 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.

St. Mary's University

Phone: 403.531.9130 (Main Number)
E-mail: advising@stmu.ca or admissions@stmu.ca
Website: www.stmu.ca/biology/

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.

University Studies

Students are encouraged to consult the St. Mary's University academic calendar regarding admission requirements and course selection. A Medicine Hat College Academic Advisor or a St. Mary's 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.

Service Dog & Canine Studies Management Diploma

Academic Advising Office

Phone: 403.529.3819

The Service Dog and Canine Studies Management Diploma is a new and exciting opportunity to work directly with Service Dogs in training. It is an 18-month five semester program including work integrated learning. This hands-on program prepares students for a career in a wide range of related fields including service dog trainer apprentice, independent dog trainer, therapy dog trainer, kennel manager, animal shelter staff, and a variety of canine related entrepreneurial opportunities. This program explores canine physiology, care, and training. In addition, the program includes business courses to prepare you for management and entrepreneurial opportunities. The program even includes a work integrated learning opportunity with service dog organizations, shelters or kennels, or other canine related organizations that gives students valuable professional experience. The 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
- Independent Dog Trainer
- Therapy Dog Trainer
- Kennel Manager
- Entrepreneurial opportunities as dog walkers, dog sitter and doggy daycares

Admission Requirements

High School Route

- ELA 30-1 or ELA 30-2
- Science 30 or Biology 20
- One grade 12-5 credit subject with 50% or better

Mature Route (21 years of age or older)

- ELA 30-1 or ELA 30-2
- any 30-level science is recommended

Program Requirements

First Year

Fall

CNST 110	Canine Physiology & Care
CNST 111	Pup Care & Training
CNST 112	Introductory Canine Psychology and the Human/Dog Connection
COMM 140	Communication in the Workplace
MGMT 161	Management Theory

Winter

CNST 113	Kennel Technologies & Animal Shelters
CNST 114	Obedience Training for Public Classes
CNST 115	Intro to Canine Career Pathways
COMM 252	Advanced Business Communications
MKTG 171	Marketing

Spring

ACCT 200	Introduction to Accounting
CNST 216	Service Dogs Roles & Training
CNST 217	Client Processing & Dog Matching
CNST 218	Human Growth, Development & Disabilities for Service Dog Providers
MGMT 263	Organizational Behaviour

Second Year

Fall

CNST 219	Common Behaviour Problems, Creating Training Plans & Peer Training
CNST 220	Intro to Dog Selection, Breeding & Whelping
CNST 221	Roles of Therapy & Facility Dogs, and Introduction to Assistance Dog Laws
MGMT 270	The Entrepreneurial Experience
MKTG 315	Science of Persuasion

Winter

CNST 222	Service Dog Client Placement, Processing & Follow Up
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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 CNST 222

Transfer & Pathways

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 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
- Once grade 12, 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 Aboriginal 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 (<i>optional</i>)

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).

*** 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 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.

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

- SLWK courses can only be repeated once
- 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 [as mentioned above] 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 submitting an application to the program of choice and meeting the entrance and competitive requirements.
 - Students that are dismissed from the social work program once, can return to the social work program but must wait until the next offering of the term from which the student was dismissed and will have to re-apply to the program. Students can re-apply to the program only once.
 - 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. SLKW, 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

Athabasca University

Graduates are eligible to transfer 60 credits toward the Bachelor of Professional Arts (Human Services) program.

MacEwan University

Graduates with a minimum cumulative GPA of 2.5 may be eligible for entry into the Bachelor of Social Work program. Students should contact a MacEwan University 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 an 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 post-diploma 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 Studies

If you are interested helping people gain capacity, identify societal challenges and make a difference in the lives of others then a Social Work degree might be the right path for you. 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/

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.

University of Calgary, Faculty of Social Work

Website: www.calgary.ca/future-students/undergraduate/explore-programs/social-work

MacEwan University, Faculty Health & Community Studies

Website: www.macewan.ca/bsw

Mount Royal University, Faculty of Health, Community & Education

Website: www.mtroyal.ca/ProgramsCourses/FacultiesSchoolsCentres/HealthCommunityEducation/Programs/BachelorSocialWork/index

University of Regina, Faculty of Social Work

Website: www.uregina.ca/socialwork/

Admission Requirements

Refer to Admissions Chart on page 21

The University Studies 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 Studies 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 Studies 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 to improve their ability to communicate and interact with others.

For students that 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, to understand what is spoken, to use vocabulary and grammar skills, to speak without stuttering, or to 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.

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 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 the 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 training with potential employers in hospitals, private clinics, homecare settings, schools and community programs.

This diploma is offered both On-site (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 in online must develop a program plan of study with the Academic Advisor prior to taking any courses.
- Students enrolled in online, are expected to participate in experiential learning opportunities that are group or individually based. Students must travel to Medicine Hat College or pre-arranged sites for one weekend lab in each of SLPA 212, SLPA 215, SLPA 216, and AUDA 212. For further information, please contact the program coordinator.
- 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 by 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(s).

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:

- Health regions
- Schools and School Boards
- Private Agencies

Admission Requirements

High School Route

High School diploma with a minimum mark of 60% in each of:

- Biology 30
- ELA 30-1
- Two 30-level subjects, one of which must be a 30-level science, Math 30-1 or Math 30-2

Mature Student Route

A minimum mark of 60% in:

- Biology 30
- English 30-1

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

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.

Speech Language Pathologist Assistant Diploma

Pre-Program Requirements

Once successful in gaining admission and have received the program package, students must:

- Complete a standardized health form, program of immunization
- Provide a current resume if requested
- Provide proof of current CPR Certification from one of the following:
 - o Heart & Stroke Foundation: Basic Life Support (BLS)
 - o Canadian Red Cross: Basic Life Support (BLS)
 - o St. John Ambulance: Health Care Provider (HCP)
- Provide proof of current N-95 Mask Fit test
- Provide a current Police Information Check 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 Police Information Check (PIC) may prevent fieldwork placements and, as a result, completion of the program.

Program Requirements

First Year

Fall OS or Group 1 Online

ENGL 1XX or ENGL 2XX* (ENGL 252 recommended)

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	(SOCI 203 recommended)
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

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
AUDA 212	Introduction to Audiology

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:

- * ENGL 125 is offered online at MHC. Other English courses are not offered by online at MHC but are available in a online format through other post-secondary institutions. Contact Academic Advising for more information.
- + 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 by students. 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 in order 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, 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.

Speech Language Pathologist 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 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.

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 an Academic Advisor at TRU for further information.

University of Calgary

Graduates are eligible to apply to the two-year post-diploma Bachelor of Community Rehabilitation (BCR) program. Students should contact an Academic Advisor for further information.

Graduation Requirements

Students must successfully complete 19 specific courses and meet attendance, fieldwork and grade requirements as set out in the program policies.

Transfer & Pathways

Individual courses transfer to other post-secondary institutions as outlined in the Alberta Transfer Guide.

Athabasca University

Graduates are eligible to receive up to 60 credits into the Bachelor of Professional Arts (Human Services). Students should consult with 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.

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 Grade 12 5-credit subjects with 50% or better

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 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 <https://transferalberta.alberta.ca/transfer-alberta-search> to determine Medicine Hat College course equivalents.

International Transfer Opportunities

Griffith University, Australia

Graduates of the Sport and Event Marketing and Management Diploma are eligible to receive advanced standing toward the Bachelor of Business degree program. Students should contact an MHC Academic Advisor for further information.

Steamfitter/Pipefitter Apprenticeship

Academic Advising Office

Phone: 403.529.3819

Medicine Hat College offers seven apprenticeship programs leading to journeyman status and solid careers in the skilled trades. The following trade information is drawn from www.tradesecrets.alberta.ca. For information about the apprenticeship program see page 73.

The term of apprenticeship for a steamfitter/pipefitter is 4 years (four 12-month periods) including a minimum of 1560 hours of on-the-job training and 8 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 journeyman 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.

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

www.tradesecrets.alberta.ca

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 you up-skill, 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 design and construction of our 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
- Science 30 or Physics
- Math 30-1

Mature Route (21 years of age or older)

- Journeyman certificate or Red Seal Certification
or
- Letter of recommendation from employer

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

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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

The Sustainable Innovation Diploma examines the key area of sustainability and the role innovation plays in the journey to achieving economic, social, and environmental sustainability. With two majors, Business and Science, this groundbreaking program provides students with the ability to explore, create, and test innovative sustainability strategies. Learn to recognize key drivers of innovation, how to leverage organizational systems, and create impactful ideas and projects that propel communities and society forward. Students acquire critical analytical skills and apply them to complex systems in our modern world. If you are interested in peeking behind the curtain, undertaking thoughtful analysis, and making a difference, this program warrants serious consideration by you. Be part of the next generation of change makers that will shape the future of our world.

Career Opportunities

Graduates can obtain positions with a variety of organizations and industries. Prospective positions include:

Science Majors:

- Service Representative
- Sustainable Construction Manager
- Maintenance Supervisor
- Quality Control Inspector
- Project Coordinator/Lead
- Strategic Operations Analyst
- Process Supervisor
- Implementation Consultant
- Special Projects Lead
- Facilities Specialist
- Research/Evaluation Coordinator
- Data Analyst and Modeler

Business Majors:

- Research and Development Coordinator
- Marketing and Innovation Project Coordinator
- Product and Market Innovation Manager
- Innovation Coordinator
- Sustainable Project Coordinator
- Special Innovation Sustainable Project Leader
- Innovation Project Lead
- Sustainable Development Coordinator
- Supply Chain Coordinator
- Sustainability Consultant
- Innovation Consultant

Admission Requirements

High School Route

- ELA 30-1 or ELA 30-2
- Two Grade 12 5-credit subjects with 50% or better

Mature Route (21 years of age or older)

- ELA 30-1 or ELA 30-2

Program Requirements

First Year

Fall

SUST 201	Creativity and Changing Perspectives
SUST 211	Introduction to Social Innovation
SUST 221	Regenerative Design
SUST 231	Sustainability & Systems Thinking
TCOM 110	Technical Communications

Winter

SUST 251	Sustainability & Modelling
SUST 261	Building and Sustaining Innovative Organizations
SUST 271	Building Community
SUST 281	Sustainability and Corporate Social Responsibility
SUST 291	Sustainability by Design

Sustainable Business Innovation Major

Second Year

Fall

FINA 261	Principles of Sustainable Finance
MKTG 241	Sustainable Marketing
SUST 301	Design Thinking
SUST 311	Strategic Management and Innovation
SUST 321	Managing Innovation Project

Winter

MGMT 371	Sustainable Innovation and Entrepreneurship
MGMT 381	Sustainable Operations
MGMT 391	Global Sustainable Business
SUST 351	Innovation and Strategic Implementation
SUST 391	Sustainable Innovation Project

Spring

SUST 399	Sustainable Innovation Work Integrated Learning
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Science and Innovation for Sustainable Development Major

Second Year

Fall

CPSC 251	Data Modelling
GEOG 211	Principles of Geoscience
SUST 301	Design Thinking
SUST 311	Strategic Management and Innovation
SUST 321	Managing Innovation Project

Winter

BIOL 223	Humans
GLGY 291	Ecosystems and Environmental Change
PHYS 201	How Things Work
SUST 351	Innovation and Strategic Implementation
SUST 391	Sustainable Innovation Project

Spring

SUST 399	Sustainable Innovation Work Integrated Learning
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Sustainable Innovation Diploma

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 399

Transfer & Pathways

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 to determine Medicine Hat College course equivalents.

Welder Apprenticeship

Academic Advising Office

Phone: 403.529.3819

Medicine Hat College offers seven apprenticeship programs leading to journeyman status and solid careers in the skilled trades. The following trade information is drawn from www.tradesecrets.alberta.ca. For more information about the apprenticeship program see page 73.

The term of apprenticeship for a welder is 3 years (three 12-month periods) including a minimum of 1560 hours of on-the-job training and 8 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)
- eye-hand coordination
- the ability to concentrate on detailed work
- patience

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

**Alberta Apprenticeship &
Training Regional Office
3021 Dunmore Rd SE
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Phone: 403.525.3100**

www.tradesecrets.alberta.ca

COURSE DESCRIPTIONS



Classification of Instruction

Lecture

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.

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.

Web Based (WB)

A lecture delivered in an online format

Flexible Learning (FL)

A scheduled period of instruction where students may choose to attend in person or 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 your investigative 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; you may receive individual or group instruction.

Problem-Solving Laboratory

A scheduled period of instruction in which you 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.

Recreational Activity Courses (RA)

Course consists primarily of activity. You develop basic skills and development activities. Theory may also be combined with the activity giving you an information base.

Clinical (CL)

A scheduled period of learning within 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 your 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 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.

Open Learning (OL)

Uses a combination of instructor led small-group sessions, tutorial support, and self-study.

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

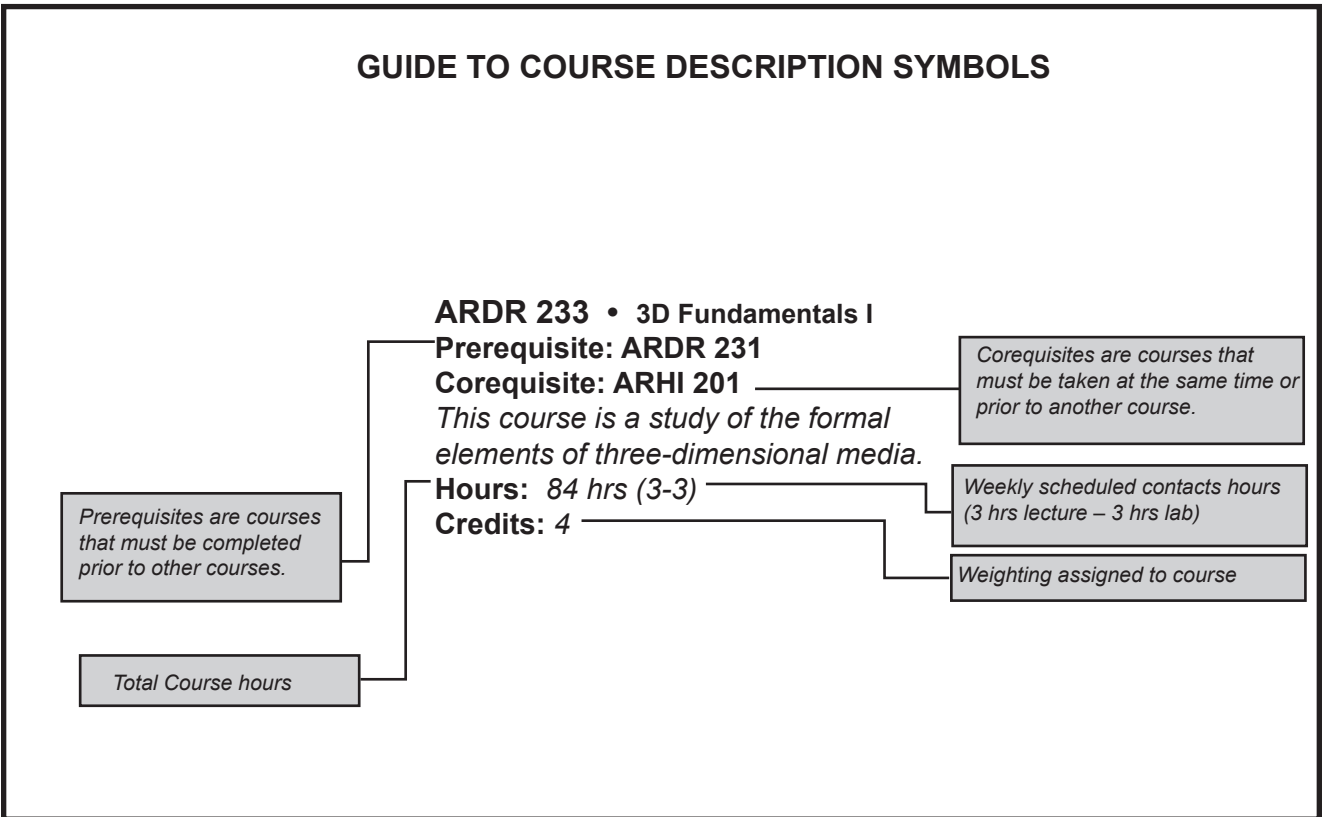
Courses are listed alphabetically in the course description section of the calendar. To determine which courses are required for your program, consult the program sections of the calendar.

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 you 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 (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 Placement

Prerequisite: Enrollment in the Intermediate Accounting Certificate

The work experience co-op plays a significant role in the development of professionals in the Intermediate Accounting Certificate program. Students will be placed in employment situations at competitive wages with local employers. Progress will be evaluated by employers, who will supervise the course. The work experience normally takes place during the spring and summer following the completion of the Accounting certificate. However, this schedule will be flexible to meet the needs of employers and students. Total tuition for this course is \$393.36.

Hours: 240 hrs (0-40) 6 wks

Credits: 6

ACCT 320 • Financial Accounting Practices

Prerequisite: ACCT 113 or ACCT 321

This course builds on the concepts and skills learned in introductory accounting and prepares the student for the more conceptual approach required for Intermediate Accounting. Accounting students learn to apply the accounting conceptual framework, and further develop skills for recording transactions and events by covering revenue recognition, long-term liabilities, partnership accounting, shareholders' equity and the cash flow statement.

Hours: 56 hrs (4-0)

Credits: 3

ACCT - ADAE

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 Placement

Prerequisite: Enrolment in the Advanced Accounting Certificate

The work experience co-op plays a significant role in the development of professionals in the Accounting Certificate program. Students will be placed in employment situations at competitive wages with local employers. Progress will be evaluated by employers, students and the co-op coordinator, who will supervise the course. The work experience normally takes place during the winter semester following partial completion of the Accounting Certificate. However, this schedule will be flexible to meet the needs of employers and students. Total tuition for this course is \$393.36.

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

AGEC

AGEC (Agroecology)

AGEC 120 • Agroecology I

Corequisite: BIOL 255

Examination of how ecological principles and processes apply to agroecosystems, including abiotic factors, biotic factors, genetic conservation and diversity, succession, and energy flows. The course combines theory with lab and field-based exercises to explore and understand the sustainability of agricultural production.

Hours: 70 hrs (3-2)

Credits: 4

AGEC 130 • Introduction to Geographic Information Science

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, 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. NOTE: Students cannot receive credit for both EVSC 238 and AGECE 130.

Hours: 84 hrs (3-3)

Credits: 4

AGEC 140 • Integrated Vegetation Management

Prerequisite: BIOL 254

Integrated vegetation management uses an understanding of plant ecology to manage vegetation in a variety of effective, economical and environmentally responsible ways to manage weeds in agricultural and horticultural settings. You are introduced to the classification, importance, growth and dispersal of weeds and invasive plant species. Identification of common Western Canadian weeds are emphasized. Strategies and techniques are discussed for the cultural, biological, chemical, and mechanical management of weeds and invasive species.

Hours: 84 hrs (3-3)

Credits: 4

AGEC 200 • Research Methods

Prerequisite: BIOL 254

This course covers sampling methods and procedures for collecting and analyzing environmental parameters, including soil, water, vegetation, and general agroecosystem functions. Basic QA/QC procedures are discussed, and basic statistical analysis (descriptive statistics, t tests, ANOVAs) is introduced. MS Excel and are used in labs.

Hours: 70 hrs (2-3)

Credits: 4

AGEC 210 • Range & Holistic Management

Prerequisite: BIOL 254, BIOL 255, ECON 201

This course is an introduction to the principles and practices of rangeland conservation and ecosystem-based management. This course examines the effects of grazing and browsing on the biophysical components of rangeland ecosystems, including soils, plants, plant communities, and wildlife interactions. Range inventory and range health methods are also covered.

Hours: 84 hrs (3-3)

Credits: 4

AGEC 220 • Advanced GIS and Remote Sensing for Landscape Ecology

Prerequisite: AGECE 130, BIOL 255,

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. NOTE: Students cannot receive credit in both AGECE 220 and EVSC 336.

Hours: 84 hrs (3-3)

Credits: 4

AGEC 230 • Forage and Cropping Systems

Prerequisite: AGECE 130, BIOL 254

This course integrates biological, economic, sociological, and technical aspects of cropping systems around the world. Topics include: designing resource-efficient cropping systems, soil quality and fertility, tillage, water quality concerns, nitrogen use efficiency, legumes and cover crops, and the implications of climate change and elevated carbon dioxide on agroecosystems.

Hours: 42 hrs (3-0)

Credits: 3

AGEC 240 • Climate and Ecosystems

Prerequisite: AGECE 130, BIOL 255

An introduction to the physical and biological processes that form long-term meteorological patterns. Topics include energy and radiation, wind, temperature, precipitation, evapotranspiration, climate classification, soil-plant-water interactions, and climate change.

Hours: 70 hrs (3-2)

Credits: 4

AGEC 250 • Soil Ecology

Prerequisite: SOSC 213

The course describes the role of soil organisms and the decomposition of organic matter for plant nutrition. Topics include soil energy flows, structure and diversity of soil fauna, composting, vermiculture, myciculture, and biogeochemical cycling.

Hours: 70 hrs (3-2)

Credits: 4

AGEC 260 • Horticulture Methods

Prerequisite: AGECE 140, BIOL 254

Horticulture theory and methods including: identification of economically important horticulture crops in Alberta and Medicine Hat/Redcliff, propagation methods, cultivation media (soil, soilless), horticultural cropping systems, and appropriate integrated pest management techniques.

Hours: 84 hrs (3-3)

Credits: 4

AGEC 270 • Wetland Ecology & Management

Prerequisite: AGECE 220, BIOL 254, EREC 230

Wetlands are ecologically and agriculturally important ecosystems within Alberta. They are subject to protection, conservation, and compensation policies, which require in-depth knowledge of their structure, function, and classification. Topics include wetland classification and remote sensing, biogeochemical processes, ecological succession, and the Alberta wetland policy. Human constructed wetlands and their design will also be discussed.

Hours: 56 hrs (2-2)

Credits: 3

AGEC 280 • Agroecology II

Prerequisite: AGEC 120

Under the direction of the instructor, students work in teams to design an agroecological production system. Using the skills and knowledge developed throughout the program, student teams will integrate project management, business management, ecological principles, economic principles, geospatial data, and systems-thinking to research a topic, define the problems, and develop solutions in an integrated plant-animal production system

Hours: 84 hrs (0-6)

Credits: 4

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

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 Aboriginal Issues in Canada

An exploration of the history of Aboriginal/state relations, the development of Indian policy, and current efforts of Aboriginal peoples to address historical matters through the critique of the residential school system and the pursuit of self government, land claims, modern treaties and Aboriginal rights. Includes a critical examination of Canadian historical writing, popular culture, and stereotypes of Indians and will survey contemporary Aboriginal 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 Native North Americans

Prerequisite: ANTH 203

Selected North American Indian 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 - APRO

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

You learn communications skills needed in today's office. There is an emphasis on enhancing your grammar, formatting and proof-reading skills when writing business correspondence.

Hours: 70 hrs (5-0)

Credits: 4

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, PowerPoint 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 120 & APRO 125

You further advance your grammar, punctuation, business writing, and composition skills and deliver an oral presentation using a computerized presentation package. In addition, you will learn how to prepare for job interviews. In conjunction with the APRO 190 instructor, you are required to arrange a work experience contract.

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 180 • Work Experience I

Corequisite: Minimum of C grade in each of APRO 108 & APRO 120 & APRO 125 & APRO 131 & APRO 140

During the 35 hours of work experience at the end of the semester, you apply concepts you have learned from the first semester of the Administrative Office Professional program. In order to do the work experience portion of the course, you require a minimum of

a 90% attendance rate in all the first semester courses. During the work experience, you gain a better understanding of the workplace with job shadowing, observing and assisting office staff. Customer service training is included in this course. Graded on a CR (Pass)/NC (Fail).

Hours: 49 hrs (1-0) 14 wks (0-35P) 1 wk

Credits: 2

APRO 190 • Work Experience II

Prerequisite: APRO 180

Corequisite: A minimum of a C grade in APRO 109 & APRO 133 & APRO 145 & APRO 155 & APRO 167

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: 90 hrs (0-30P) 3 wks

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 - ARDR

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

Prerequisite: 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

Prerequisite: 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 and (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) and (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 \$973.90.

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 495 • Applied Art and Design - Work Term II

Prerequisite: 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 \$973.90.

Hours: 4 mths (0-35P)

Credits: 15

ARDE 496 • Applied Art and Design II

Prerequisite: 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

Prerequisite: ARDE 395 or ARVC 395 and 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

Prerequisite: ARDE 395 or ARVC 395 and 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

Prerequisite: 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

Prerequisite: 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

Prerequisite: 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

Prerequisite: 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 - ARFA

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

Prerequisite: 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

Prerequisite: 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

Prerequisite: 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

Prerequisite: ARFN 231 or ARDR 241

This course is an introduction to a variety of stylistic and conceptu-

al 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 357 • Illustration I

Prerequisite: ARFN 231 & ARDR 241

This course offers an introduction to the concepts and processes of illustration. In this course students will develop their ability to visualize and translate three dimensional forms onto a two dimensional surface using a variety of mediums. Students will explore a variety of illustrative approaches as a means to visually convey an idea.

Hours: 84 hrs (3-3)

Credits: 4

ARFA 372 • Relief Printmaking I

Prerequisite: 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 printmaking. 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 printmaking.

Hours: 84 hrs (3-3)

Credits: 4

ARFA 373 • Lithography I

Prerequisite: 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

Prerequisite: 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 printmaking. 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

Prerequisite: ARFN 231 & ARDR 241

This course offers an introduction to concepts, processes and techniques in intaglio printmaking. 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 printmaking. Classes will consist of lectures, critiques, and studio based work. Students will also acquire an understanding of the history of intaglio printmaking.

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 printmaking 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

Prerequisite: 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

Prerequisite: 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

ARHI - ARKY

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

Prerequisite: 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, economics, and political forces, especially in terms of means of production and consumption.

Hours: 42 hrs (3-0)

Credits: 3

ARHI 317 • Modern Art

Prerequisite: 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 native 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 • Indians of North America

Course features a survey of cultural and linguistic areas of aboriginal 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 culture 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

ARPH 435 • Photography III

Prerequisite: ARPH 337

This is a course in studio photography. Subjects include the still life, and the portrait both formal and staged. Through lecture, web video, and print media, students will be introduced to the work of contemporary Canadian artists who employ a photographic means.

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. Extrasolar 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 - BEET

AUDA (Audiology)

AUDA 212 • Introduction to Audiology

Prerequisite: 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

Prerequisite: 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

Prerequisite: 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

Prerequisite: 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 232 • Mechanical Design III

Prerequisite: 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: 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: Fourth semester, or permission of the program coordinator; and good academic standing

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

Prerequisite: 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 course work. 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: 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 Prerequisite: 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

BIOL 221 • Evolution

Prerequisite: 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

Prerequisite: 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

Prerequisite: 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 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 system 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

Prerequisite: 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

Prerequisite: 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

Prerequisite: 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

Prerequisite: BIOL 231 & BIOL 233

This course discusses the mechanisms underlying micro and macroevolutionary 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

Prerequisite: 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 - CHEM

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 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

Prerequisite: 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

Available On-Site and in a Web-based Format

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 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

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 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 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, Emergency Planning, and Response

This course prepares the student to render assistance to the public regardless of what unforeseen natural or man-made disasters should occur when employed in the law enforcement field. 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 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 micro-organisms 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

Prerequisite: BIOL 231 & CHEM 250

Introductory study of the systematics, ecology, physiology, molecular biology, and role in pathogenesis 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 • Pup Care & Training

This course focuses on caring for young canines. You will learn the techniques and work with a puppy applying basic pup care, socialization, training at the various developmental stages and the application of environment enrichment techniques.

Hours: 56 hrs (2-2)

Credits: 3

CNST 112 • Introductory Canine Psychology and the Human/Dog Connection

Introduction to concepts of training philosophies, canine learning theory, and canine cognition. You will develop an understanding of canine psychology, canine emotions, and explore the pillars of relationship building within the human-animal bond.

Hours: 42 hrs (3-0)

Credits: 3

CNST 113 • Kennel Technologies & Animal Shelters

This course examines the safe containment of animals in a kennel or animal shelter settings. Topics include containment, sanitation, animal health, safety concerns and providing an enriched environment.

Hours: 42 hrs (3-0)

Credits: 3

CNST 114 • Obedience Training for Public Classes

Prerequisite: CNST 111

In this course students will learn basic obedience training with their dogs. You will learn specific training techniques for dogs with a future of service work, and focus greatly on leash skills, public access, and marker timing. All skills will be practiced in the lab in group settings.

Hours: 56 hrs (2-2)

Credits: 3

CNST 115 • Intro to Canine Career Pathways

This course investigates various canine career opportunities within the service dog industry; service dog trainer, service dog instructors, kennel staff, puppy program staff, breeding / whelping staff, fundraising, accounting, client services, program development, vet clinic staff, volunteer coordinator, public event coordinator, etc. Students will also explore the various training certifications and governing bodies within the industry and will have guest speakers from international service dog organizations.

Hours: 42 hrs (3-0)

Credits: 3

CNST 216 • Service Dogs Roles & Training

Prerequisite: CNST 114

Service dogs are utilized to perform specific tasks for their clients. They are not a pet but a medical aid. This course will explore the roles a service dog can perform with training techniques for specific service dog tasks. Students will be given opportunities to work with all the dogs in class.

Hours: 56 hrs (2-2)

Credits: 3

CNST 217 • Client Processing & Dog Matching

Prerequisite: CNST 112

This course looks at the role of the client. Topics include client application, interviews, decision to place, placement and follow-up as they apply to various canine organizations. Specifics of the dog skill level and personality, as they apply to client needs and lifestyle will also be discussed.

Hours: 42 hrs (3-0)

Credits: 3

CNST 218 • Human Growth, Development & Disabilities for Service Dog Providers

This course introduces the study of growth and development across the lifespan with an emphasis on speech and language, physical, motor, cognitive, sensory, and social development with a focus on prevalent forms of disabilities. The focus will be the applicability of this information to service animal providers including clinical signs and progressive stages of diseases and disorders, and a thorough understanding of the spectrum of disabilities that dogs are most commonly trained to assist.

Hours: 42 hrs (3-0)

Credits: 3

CNST 219 • Common Behaviour Problems, Creating Training Plans & Peer Training

Prerequisite: CNST 216

Students will explore common struggles of canine adolescence and learn how to develop a training plan to effectively change behaviour. Early signs to recognize problems, and factors at play when disqualifying a dog in training from service work. This class will also be used to assess teaching techniques to groups and individuals. As part of the course, students will provide group and private training session to 1st year students.

Hours: 56 hrs (2-2)

Credits: 3

CNST 220 • Intro to Dog Selection, Breeding & Whelping

Prerequisite: CNST 110, CNST 217

This course introduces students to the selection of dogs for various roles based on skills, biddability, health, breed characteristics, genetics, and building a breeding program. Additionally, students will learn how to assess puppies for service dog work, if coming from lines that have not been purpose bred for service dog work. The course continues into the dog breeding process and materials & methodology for whelping. Students will visit dog breeders in association as part of this class.

Hours: 42 hrs (3-0)

Credits: 3

CNST 221 • Roles of Therapy & Facility Dogs, and Introduction to Assistance Dog Laws

This course investigates the role of therapy and facility dogs. Students will explore the emerging role of canine roles in institutions, schools, counselling offices, courthouses and other settings. The second portion of this course explores the current assistance dog-related laws provincially, nationally, and internationally. Topics include the completeness, efficacy, enforceability, consequences, and problematic factors of the current acts & regulations.

Hours: 42 hrs (3-0)

Credits: 3

CNST 222 • Service Dog & Canine Studies Management - Work Integrated Learning

This experiential learning placement provides students an opportunity to apply knowledge and skills into practice. During the placement students will be able to learn from 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 placement. With support from the business placement advisor students develop their resumés and job search techniques. Graded on a CR (pass)/NC (fail) basis.

Hours: 240 hrs (0-30) 8 wks

Credits: 6

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 154 • Interpersonal Communications for Practical Nurses

Introduction to the concept of self-awareness and the process of communication. Emphasis is on understanding the communication process and on building personal and professional communication skills. Communication techniques for working with cultural diversity and special populations are also explored.

Hours: 45 hrs (3-0) 15 wks

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 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 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

CPSC - CYCC

CPSC 251 • 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

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 and the fee will be noted in the course outline.

Hours: 56 hrs (3-1)

Credits: 3

CYCC 120 • Practicum I

Prerequisite: 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 intergenerational 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

Prerequisite: 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 one's 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 contextualizes social, emotional and behavioral disorders in relation to the context or culture in which it is 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 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 110 • Strategic Communication

This course defines data analytics and provides the student with the ability to build consensus and communicate insights via a variety of mediums. Developing effective communication skills and related messaging is necessary to build consensus in all organizations. This is even more critical when communicating strategic insights to decision makers unveiled through significant technical evaluation resulting from data analytics.

Hours: 42 hrs (3-0)

Credits: 3

DATA 120 • Statistics for Data Analytics

In this course students will learn to use the standard methods of descriptive statistics to analyze, organize, and visualize the important characteristics of sample datasets through exploratory data analysis.

Hours: 42 hrs (3-0)

Credits: 3

DATA 130 • Information Analysis

In this course students will learn how to use information management in different fields. This course focuses on analysis of core relational databases, big data fundamentals, and information governance principles in Business Technology Management.

Hours: 42 hrs (3-0)

Credits: 3

DATA 140 • Applied Learning Field Placement I

Corequisite: Minimum of a C grade in DATA 110, DATA 120, and DATA 130

This first experiential learning field placement provides learners with the opportunity to put their first semester field of study knowledge and skills into practice. Learners will work with their existing employer or find a placement with support from the business placement advisor who maintains a roster of placement opportunities with our strategic partners.

Hours: 240 hrs (0-40P) 6 wks

Credits: 6

DATA 160 • Analytic Tools and Decision Making

Prerequisite: DATA 130

In this course students will learn how various data analytic tools are used in the data preparation phase to convert raw data into valuable insights. They will gain hands-on experience performing the Extract Transform and Load (ETL) processes using some of the latest tools from the industry.

Hours: 42 hrs (3-0)

Credits: 3

DATA 170 • Machine Learning I

In this course students will learn the process of developing, testing, and applying predictive modelling. They will also learn how to apply, test, and interpret machine learning algorithms as alternative methods for addressing research questions.

Hours: 42 hrs (3-0)

Credits: 3

DATA - DBSS

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 190 • Applied Learning Field Placement II

Prerequisite: DATA 140

Corequisite: Minimum grade of C in each of DATA 160, DATA 170, and DATA 180

This second experiential learning experience field placement provides learners with the opportunity to put their second semester field of study knowledge and skills into practice. Learners will either continue their placement or find a subsequent placement with support from the business placement advisor who maintains a roster of placement opportunities with our strategic partners.

Hours: 240 hrs (0-40P) 6 wks

Credits: 6

DATA 210 • Artificial Intelligence

In this course students will study the application of artificial intelligence (AI) and application programming interfaces (APIs) to business situations. In addition, the use of AI technologies will be investigated to augment and automate business processes.

Hours: 42 hrs (3-0)

Credits: 3

DATA 220 • Project Management Analytics

Prerequisite: DATA 160

In this course students will be introduced to key knowledge areas of project management best practices and approaches. Students will use tools for managing and delivering descriptive and predictive analytics as well as data projects.

Hours: 42 hrs (3-0)

Credits: 3

DATA 230 • Machine Learning II

Prerequisite: DATA 170

This course is a continuation of Machine Learning I. In this course students will continue their training on how to use a set of data to discover potentially predictive relationships. They will learn how to train algorithms using sample data sets to predict outcomes for future datasets. They will also learn about overtraining and techniques to avoid it such as cross-validation. Finally, students will study regularization and why it is useful.

Hours: 42 hrs (3-0)

Credits: 3

DATA 240 • Applied Learning Field Placement III

Prerequisite: DATA 190

Corequisite: Minimum of C grade in each of DATA 210, DATA 220, and DATA 230

This third experiential learning experience field placement provides learners with an opportunity to put their third semester field of study knowledge and skills into practice. Learners will either continue their placement or find a subsequent placement with support from the business placement advisor who maintains a roster of

placement opportunities with our strategic partners.

Hours: 240 hrs (0-40P) 6 wks

Credits: 6

DATA 260 • Marketing & Social Media Analytics

Prerequisite: DATA 160

In this course students will learn how to use and apply descriptive, predictive, and prescriptive analytics techniques used in the field of marketing. Statistical techniques and data analysis tools will be used to analyze marketing problems for different industries, for customer segmentation forecasting or new products or improve customer services and sales and social media analytics.

Hours: 42 hrs (3-0)

Credits: 3

DATA 280 • Financial Analytics

Prerequisite: DATA 160

In this course students will learn how to use and apply descriptive, predictive, and prescriptive analytics techniques used in the financial industry. Specialized data analysis tools will be used to analyze financial analytics inquiries related, but not limited, to Investment Securities forecasting, financial performance forecasting stock price, calculating returns, measurement of a security's risk, and predict future currency exchange rates.

Hours: 42 hrs (3-0)

Credits: 3

DATA 290 • Applied Learning Field Placement IV

Prerequisite: DATA 240

Corequisite: Minimum of C grade in each of DATA 260, DATA 270, and DATA 280

This fourth and final experiential learning experience field placement provides learners with an opportunity to put their field of study knowledge and skills into practice from the entire program. Learners will either continue their placement or find a subsequent placement with support from the business and placement advisor who maintains a roster of placement opportunities with our strategic partners. The focus is on a complete project with a real-world challenge experienced by a placement opportunity provider.

Hours: 240 hrs (0-40P) 6 wks

Credits: 6

DBSS (Deaf and Blind Support Services)

DBSS 161 • American Sign Language I

Prerequisite: SLPA 160

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

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 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 - EDTS

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

ECOM (E-Commerce)

ECOM 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

ECOM 245 • Dynamic Web Application Development

Prerequisite: ECOM 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

ECOM 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, 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

Prerequisite: 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

Prerequisite: 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

Prerequisite: 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 (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.

EDUC

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 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

Corequisite: (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

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

Corequisite: (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: 28 hrs (2.5-0) 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

Prerequisite: 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

Prerequisite: 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

Prerequisite: 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

Prerequisite: 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

Prerequisite: ELCC 105 & ELCC 115

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 211 • Infant and Toddler Care

Prerequisite: 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

Prerequisite: 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

Prerequisite: 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 214 • Children in Society

Prerequisite: ELCC 105 & ELCC 115

Opportunities to study issues within the field of early childhood care and education through involvement in primary research studies. You read, prepare and plan research questions; develop research strategies; and implement experimental or naturalistic studies aimed to increase your knowledge and understanding. The research studies are written as final reports and presented orally in seminars. You work with your fellow students on a relevant community project and provide documentation throughout this process.

Hours: 40 hrs (4-0) 10 wks

Credits: 3

ELCC 215 • Practicum IV

Prerequisite: ELCC 105 & ELCC 115

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 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 199 • English for Engineering Students

This course aims to develop the student's ability to provide effective written and oral information. It will focus on instruction in fundamental writing skills, including building effective sentences and paragraphs, and on learning to communicate clearly across a range of genres and media used in academic and professional contexts, including correspondence and presentations. Students will be introduced to the principles of information gathering, analysis, and citation. (Restricted to Engineering Students)

Hours: 42 hrs (3-0)

Credits: 3

ENGL 202 • Reading and Writing about Literature I

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 • Reading and Writing about Literature II

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. Stu-

dents 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 focuses on academic essay writing and critical thinking at the university level. ENGL 252 is not a remedial course; students should have at least a senior high school level of competency in both grammar and composition. NOTE: Students cannot receive credit for both ENGL 252 and GNED 1401.

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 I

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 II

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

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

Prerequisite: 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

Prerequisite: 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

Prerequisite: 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

Prerequisite: 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 • Introduction to Literature: Studies in Story

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 • Introduction to Literature: Studies in Identity

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

Prerequisite: 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

Prerequisite: 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

Prerequisite: 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

Prerequisite: 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

Prerequisite: 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 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

Prerequisite: 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 I

Prerequisite: 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 II

Prerequisite: 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.

ENGL - ENLA

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
Prerequisite: 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
Prerequisite: 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 Minton. *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
Prerequisite: 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

Prerequisite: 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

Prerequisite: 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: 3

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 (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.

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

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, 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 requires 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

Prerequisite: EREC 210 and EREC 220

Corequisite: 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 ecol-

ogy 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

FINA (Finance)

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

FINA 261 • 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: 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 - GEOG

FREN (French)

FREN 200 • Beginner's French I

Starting with the alphabet, you progress to learning the basic elements and structures of the French language. Using cassette tapes, computer programs, and videos, you will comprehend, speak, read, and write French in everyday situations. Cultural aspects in various French-speaking countries are introduced. Dialogues and group discussions improve conversational skills and general fluency. 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 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

A continuation of FREN 200 and a preparation for FREN 219. Basic vocabulary and grammatical structures are introduced. Instruction is provided in pronunciation, oral expression, reading and writing. Comprehension and communication skills are practiced in dialogues and discussion groups. You are introduced to cultural aspects of interest to those traveling or living in various Francophone countries of the 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 1111.

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 buildup 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 studies, 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 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 291 • Ecosystems and Environmental Change

Prerequisite: SUST 231, SUST 251, and 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, microorganisms 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 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 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 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

GLGY 211 • 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

GNED

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 GNED 221 and GNED 1201.

Hours: 42 hrs (3-0)

Credits: 3

GNED 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 GNED 230 and GNED 1301.

Hours: 42 hrs (3-0)

Credits: 3

GNED 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 GNED 234 and GNED 1304.

Hours: 42 hrs (3-0)

Credits: 3

GNED 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 GNED 1101 and GNED 210.

Hours: 42 hrs (3-0)

Credits: 3

GNED 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 GNED 1201 and GNED 221.

Hours: 42 hrs (3-0)

Credits: 3

GNED 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 GNED 1202 and GNED 220.

Hours: 42 hrs (3-0)

Credits: 3

GNED 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 GNED 1301 and GNED 230.

Hours: 42 hrs (3-0)

Credits: 3

GNED 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 GNED 1304 and GNED 234.

Hours: 42 hrs (3-0)

Credits: 3

GNED 1401 • Critical Writing & Reading

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 GNED 1401 and ENGL 252.

Hours: 42 hrs (3-0)

Credits: 3

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

Corequisite: 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

Corequisite: 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

Corequisite: 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

Prerequisite: 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

Prerequisite: HCAP 140 & HCAP 141 & HCAP 142 & HCAP 143 & HCAP 144

Corequisite: 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

Prerequisite: 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

HCAP - HIST

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)

Prerequisite: 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 relation, 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; multiculturalism 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 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

HLSC (Health Sciences)

HLSC 151 • Personal Health and Wellness

This course offers an overview of the physical, social, mental, environmental and spiritual aspects of personal health and wellness within the context of community and the Canadian health care system.

Hours: 45 hrs (3-0) 15 wks

Credits: 3

HLSC 200 • Introduction to Addictions Studies

Prerequisite: Meets admission criteria into the Addictions Counselling program

This foundational course provides an overview of the study and treatment of addictive behaviours and compulsive disorders.

Hours: 42 hrs (3-0)

Credits: 3

HLSC

HLSC 220 • Introduction to Counselling

Prerequisite: HLSC 200 & PSYC 205 & IDST 100 or permission of the Dean

An introduction to the theory and practice of counselling individuals experiencing addictions.

Hours: 84 hrs (3-3)

Credits: 4

HLSC 230 • Physiology and Processes of Addictions

Prerequisite: HLSC 200 or permission of the Dean

This course examines the physiology and processes of addictions. Methods and agents used for the restoration of physiologic equilibrium are also discussed.

Hours: 42 hrs (3-0)

Credits: 3

HLSC 320 • Counselling II (Individuals and Groups)

Prerequisite: HLSC 220

Theories and techniques of counselling individuals and groups are examined. Lab work includes techniques for working with individuals and groups of addicted persons.

Hours: 98 hrs (3-4)

Credits: 4

HLSC 340 • Assessment of Addictions

Prerequisite: HLSC 220 & HLSC 230

This course provides you with the necessary knowledge and skills to identify and understand clients with needs related to addictions and to plan interventions in partnership with the client.

Hours: 84 hrs (3-3)

Credits: 4

HLSC 350 • Internship in Addictions Counselling

Prerequisite: All first and second year courses

You observe and participate in the practice of addictions counselling within a fieldwork experience. On-line and on-site seminars facilitate the integration of theory, research, and practice. You are required to attend a one week seminar on campus part way through the semester. NOTE: You must have access to the Internet at your placement site or residence in order to participate in the online weekly assignments and discussions. *Additional Requirements: Prior to starting practicum students must receive certification in Applied Suicide Intervention Skills Training (ASIST). Opportunity for this training will be coordinated by the program but students are responsible for the cost.* (Approx \$200)

Hours: 490 hr (3-32P)

Credits: 12

HLSC 365 • Health Education and Promotion

Prerequisite: Admission into the Addictions Counselling program

An overview of the theory essential to health education including health promotion, models of health, health education, and learning; ethical concerns in education and basic teaching methods and tools. NOTE: You cannot receive credit for both HLSC 365 and NURS 365.

Hours: 42 hrs (3-0)

Credits: 3

HPED (Health and Physical Education)

HPED 1010 • Historical and Philosophical Foundations

This course provides an examination of the cultural meanings of sport, leisure, and physical education; and the place of the body in our culture both historically and in the present *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 1010 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

This course is a study of the social and cultural meanings of sport and physical activity in contemporary Canadian society and 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 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 \$393.36

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

Available On-Site and in a Distributed Learning Format

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.

NOTE: Students cannot receive credit for both IDST 485 and PSYC 3320.

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

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 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

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, e-mail 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 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 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 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 \$973.90.

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 200 • Developing Critical Thinking

Critical thinking is designed to improve your ability to analyze and evaluate the kinds of arguments and assertions commonly met within everyday life. This course also helps you improve your own arguments and presentations by showing you how to draw sound conclusions from available evidence, and how to construct well-reasoned cases to support these conclusions.

Hours: 42 hrs (1.5-1.5)

Credits: 3

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 2510.

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

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 1010.

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 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 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/ psycho linguistics; 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 (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.

MATH

dents 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

Prerequisite: 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

MATH 349 • Calculus III

Prerequisite: MATH 204 & MATH 221

This course features parametric curves, polar coordinates, and differentiation and integration of vector-valued functions; infinite sequences and series as well as Taylor polynomials; vector geometry; the functions of several variables; differentiation, implicit functions, extreme values, and double and triple integration; and applications. This course is available as an independent study course. For more information, consult the Dean of Science.

Hours: 56 (4-0)

Credits: 3

MGMT (Management)

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 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 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

Prerequisite: MGMT 161

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

Prerequisite: (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 270 • The Entrepreneurial Experience

This highly experiential course develops an understanding of entrepreneurship and builds awareness of the experiences an entrepreneur will have in the real world. You will be exposed to industry entrepreneurs and participate in entrepreneurial competitions. A framework of entrepreneurial attitudes, behaviors and skills will be examined based on current entrepreneurial research and practices observed in industry. Entrepreneurial experiences are explored in developing and industrial nations, in new and existing companies and in non-profit settings. NOTE: Students cannot receive credit for both MGMT 270 and MGMT 215.

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 under-

MGMT

standing 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 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 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 371 • Sustainable Innovation and Entrepreneurship

Prerequisite: SUST 321 & 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 381 • Sustainable Operations

Prerequisite: SUST 311 & 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 391 • Global Sustainable Business

Prerequisite: 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

Prerequisite: 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

Prerequisite: 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 (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

Available On-Site and in a Distributed Learning Format

MKTG (Marketing)

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 241 • 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 (dependant on destination).

Hours: 70 hrs (17.5 - 0) 4 wks

Credits: 4

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, student then reframe, redesign, rewrite and develop new narrative elements for extraordinary advertising and promotion campaigns.

Hours: 42 hrs (3-0)

Credits: 3

MKTG - NURS

MKTG 358 • Navigating Marketing Trends

Prerequisite: MKTG 325 or MKTG 3258

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 (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 • Cisco Networking

Prerequisite: ITEC 170

This course will provide an introduction to Cisco based networking including Cisco devices and their configuration. You will learn how to configure a router, manage routing tables and configure various routing protocols.

Hours: 84 hrs (2-4)

Credits: 4

NETW 220 • Microsoft Server Technologies

Prerequisite: ITEC 170

This course teaches the implementation, deployment and support of current Microsoft client and server network operating systems. Topics include planning and implementation of Dynamic Host Configuration Protocol (DHCP), Domain Name System (DNS), and Routing in an Active Directory environment. The course will examine in detail, the TCP/IP protocol stack including the use of variable length subnet masks as well as an introduction to IPv6. Various Microsoft implementations of Network Address Translation (NAT) will also be examined.

Hours: 84 hrs (2-4)

Credits: 4

NETW 222 • Advanced Microsoft Server Technologies

Prerequisite: NETW 220

Advanced server management topics will include Windows Server Update Services (WSUS), performance monitoring and auditing, and remote access methods, including Virtual Private Networks (VPNs). You will learn the advanced configuration of network infrastructure services such as DNS, DHCP and group policy.

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

NURS (Nursing)

NURS 285 • The Discipline and Profession of Nursing I: Foundational Professional Concepts

Corequisite: 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, ethic 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. And 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 interprofessional 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

Prerequisite: 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

Prerequisite: 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 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

NURS

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

Corequisite: 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

Corequisite: 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

Corequisite: 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.

Hours: 36 hrs (3-0) 12 wks

NURS 549 • Addictions and Mental Health Care

Prerequisites: NURS 495 & NURS 497 & NURS 498 & NURS 499

Corequisite: 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 well-being. 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

Corequisite: 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

Corequisite: 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 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.*

NURS - OPTA

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 an 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

Prerequisite: 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 III

Prerequisite: A minimum of a C grade 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: 42 hrs (0-3P)

Credits: 1.5

OMGT 237 • Work Experience IV

Prerequisite: A minimum of a C grade in OMGT 235 and acceptance into the Administrative Office Management Diploma program.

In Work Experience IV, you will work in an office setting applying the skills you have acquired from the Administrative Office Management Diploma program. Graded on a CR (Pass)/NC (Fail).

Hours: 42 hrs (0-3P)

Credits: 1.5

OPTA (Occupational/Physical Therapist Assistant)

OPTA 212 • Principles and Techniques of Client Contact

Prerequisite: 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

Prerequisite: 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

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 115 • Professional Communications for Paramedics

Prerequisite: BIOL 275 & IDST 100 & KNES 247 & PARA 100

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: BIOL 275 & IDST 100 & KNES 247 & PARA 100

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

Prerequisite: BIOL 275 & IDST 100 & PARA 100 & KNES 247

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

Prerequisite: BIOL 275 & IDST 100 & PARA 100 & KNES 247

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

Prerequisite: BIOL 277 & IDST 100 & KNES 247 & PARA 115 & PARA 120 & 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

Prerequisite: BIOL 277 & IDST 100 & KNES 247 & PARA 115 & PARA 120 & PARA 125 & PARA 130

Corequisite: PARA 145

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

Prerequisite: 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

Prerequisite: 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

Prerequisite: 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 215 • Pharmacology for the Prehospital Professional

Prerequisite: 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

PARA 220 • Paramedic Management of Trauma and Environmental Conditions

Prerequisite: 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

Prerequisite: 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

Prerequisite: 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 \$973.90.

Hours: 4 mths (0-35P)

Credits: 15

PARA 480 • Paramedic Work Term II

Prerequisite: 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 \$973.90.

Hours: 4 mths (0-35P)

Credits: 15

PEAC (Physical Activity Class)

PEAC 200 • Aquatics

Development of basic swimming strokes and aquatic skills equivalent to Red Cross Senior (white) level, this course is not intended for non-swimmers.

Hours: 42 hrs (0-3A)

Credits: 1.5

PEAC 210 • Strength Training

An introduction to the principles and methods in resistance training. Acquisition of theoretical and practical knowledge using various forms of resistance training. Emphasis will be based upon providing the student with leadership skills on resistance training techniques, lifting mechanics, program design and implementation.

Hours: 42 hrs (1-2)

Credits: 3

PEAC 211 • Basketball

Focus of course is the acquisition of basic skills and fundamentals of team play.

Hours: 42 hrs (0-3A)

Credits: 1.5

PEAC 218 • Soccer

Focus of course is the acquisition of basic skills and fundamentals of team play.

Hours: 42 hrs (0-3A)

Credits: 1.5

PEAC 228 • Cardiovascular Training

Course provides an opportunity to improve your levels of cardiovascular fitness through a variety of training methods. Theory is combined with activity, giving you an information base with which you are able to develop personalized training programs. You are expected to train both during and outside of the normally scheduled class time.

Hours: 42 hrs (1-2)

Credits: 3

PEAC 231 • Badminton

Focus of course is the development of introductory skills, strategies, and techniques.

Hours: 42 hrs (0-3A)

Credits: 1.5

PEAC 235 • Tennis

Focus of course is the development of introductory skills, strategies, and techniques.

Hours: 42 hrs (0-3A)

Credits: 1.5

PEAC 237 • Volleyball

Focus of course is the acquisition of basic skills and the understanding of team play.

Hours: 42 hrs (0-3A)

Credits: 1.5

PEAC 245 • Golf

Focus of course is the acquisition of skills in the basic shots of golf and instruction in the rules, and etiquette of the game. You must provide your own equipment. NOTE: \$45.00 is charged to cover the costs of green and range fees.

Hours: 42 hrs (0-3A)

Credits: 1.5

PEAC 256 • Yoga for Beginners

This course is designed to introduce students to fundamental yoga postures while developing a basic appreciation of yoga theory as it pertains to health and wellness.

Hours: 42 hrs (0-3A)

Credits: 1.5

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

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 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

Prerequisite: 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

Prerequisite: 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 2510 • Sport & Exercise Psychology

Prerequisite: Any 200-level PSYC

This course provides an introduction to the psychosocial concepts underlying an understanding of human behaviour in physical activity, sport and health. This course is divided into two equal components. The first examines the perspective of Exercise and Health Psychology, while the second uses the perspective of Personality and Social Psychology. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering*

PHYL - PLAB

system is based upon their guidelines. Students register through Medicine Hat College. NOTE: Students cannot receive credit for both PHYL 2510 and KNES 206.

Hours: 42 hrs (3-0)

Credits: 3

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

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 201 • 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 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

PHYS 259 • Electricity and Magnetism

Corequisite: AMAT 219

This course focuses on electric charges and electric current; Ohm's Law; Kirchhoff's Laws; application to simple circuits; potential and capacitance; electromagnetic induction, electromotive force, and electrical properties of materials.

Hours: 98 hrs (3-1T-3)

Credits: 4

PHYS 269 • Oscillation, Waves, and Optics

Prerequisite: MATH 31 & PHYS 30 or equivalents

Corequisite: AMAT 217

Advanced calculus methods are applied to oscillatory and wave motion. Topics in wave motion include energy transport, interference, standing waves and resonance. Topics in sound include Doppler shifts, and the decibel scale. Topics in optics include polarization, reflection, image formation, interference and refraction.

Hours: 77 hrs (3-1T-3/2 wks)

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

Prerequisite: 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

Prerequisite: 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

PNRE (Practical Nurse Refresher)

PNRE 100 • Fundamentals 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.

Hours: 20 hrs (2.22-0) 9 wks

Credits: 1.5

PNRE 101 • Interpersonal Communication

Introduction to the concept of self-awareness and the process of communication. Emphasis is on understanding the communication process and on building personal and professional communication skills. Communication techniques for working with cultural diversity and special populations are also explored.

Hours: 16 hrs (1.78-0) 9 wks

Credits: 1.5

PNRE 102 • Fundamentals II

Prerequisite: PNRE 100

This course relates the knowledge of anatomy and physiology to the causes, treatment, and usual causes of illness. It provides a body systems approach to common health care issues, focusing on physiological changes that occur with alterations in biological health. 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.

Hours: 20 hrs (2.22-0) 9 wks

Credits: 1.5

PNRE 103 • Pharmacology

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 emphasized.

Hours: 20 hrs (2.22-0) 9 wks

Credits: 1.5

PNRE - POLI

PNRE 104 • Adult Health Assessment

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: 20 hrs (2.22-0) 9 wks

Credits: 1.5

PNRE 105 • Lab I

Prerequisites: PNRE 101, PNRE 102, PNRE 103, PNRE 104

In the nursing skills lab, utilizing the underlying theoretical principles, students will develop psychomotor skills to provide safe, competent care that includes medication administration to clients with multiple health issues. 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. Diversity, culture, and spiritual needs are incorporated into caring for clients.

Hours: 20 hrs (0-5) 4 wks

Credits: 1.5

PNRE 120 • Fundamentals III

Prerequisite: PNRE 105

Care of clients in acute care settings, preoperative nursing 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 and integrated multisystem 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.

Hours: 20 hrs (2.22-0) 9 wks

Credits: 1.5

PNRE 121 • Pediatrics

A family-centered introduction to the needs and nursing care of childbearing families. Community resources and client teaching are addressed. This course provides you with an introduction to common health issues of children and related nursing care.

Hours: 16 hrs (1.78-0) 9 wks

Credits: 1.5

PNRE 122 • Maternal & Newborn

A family-centered introduction to the needs and nursing care of childbearing families. This course focuses on assessment, monitoring, and patient teaching for the care of the mother and infant during pregnancy, labor and delivery, and the postpartum period.

Hours: 16 hrs (1.78-0) 9 wks

Credits: 1.5

PNRE 123 • Mental Health & Addiction

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: 16 hrs (1.78-0) 9 wks

Credits: 1.5

PNRE 124 • Community Health

The present focus of community health nursing is on community wide approaches to promote health of populations. Community health includes working with individuals, and defining risk factors for 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, 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.

Hours: 16 hrs (1.78-0) 9 wks

Credits: 1.5

PNRE 125 • Lab II

Prerequisites: PNRE 120, PNRE 121, PNRE 122, PNRE 123, PNRE 124

In the nursing skills lab, utilizing the underlying theoretical principles, learners will develop psychomotor nursing skills to provide safe, competent care of clients requiring medical or surgical interventions. In the maternity lab, learners will establish nursing skills to provide safe, competent care for both mother and newborn. In the community lab setting, the learners will establish the skills, knowledge, and ability to administer various immunizations. Experiences will be a combination in the lab setting and also simulation.

Hours: 25 hrs (0-6.25) 4 wks

Credits: 1.5

PNRE 150 • Final Practicum

Prerequisites: PNRE 125

This course will provide an opportunity to apply nursing knowledge and skills. 240 hours will be spent on a medical/surgical nursing unit, giving the student the opportunity to apply nursing knowledge, experience leadership roles, and put skills into practice. 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.

Hours: 240 hrs (0-40P) 6 wks

Credits: 6

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 310 • History of Political Thought I

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 early history of Western political philosophy.

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

POLI 313 • Political Ideologies

An introduction to the study of political ideologies (i.e., nationalism, socialism, liberalism and fascism, populism and conservatism).

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 - PRNU

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 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

Prerequisite: PRNU 151 or HLSC 151 & PRNU 152 or

BIOL 152 & PRNU 153 or PSYC 153 & PRNU 154 or COMM 154 & 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

Prerequisite: 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

Nursing Theory III – care of clients in acute care settings, pre-operative 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

Prerequisite: 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

PROG - PSYC

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 work place 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 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 be 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

Introduction to the Psychology of Abnormal Behaviour
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 - SEMM

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.* NOTE: Students cannot receive credit for both PSYC 3320 and IDST 485.

Hours: 42 hrs (3-0)

Credits: 3

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 205 • The Nature of Religion

This course examines the histories and worldviews 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

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 161 • Introduction to Management

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 of sport and event management. Specific topics include strategic planning, decision making, organizational design, staffing, motivation, and ethics. NOTE: Students cannot receive credit for both MGMT 161 and SEMM 161 toward the completion of the Sport & Event Marketing and Management program.

Hours: 42 hrs (3-0)

Credits: 3

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 200 • Introduction to Accounting

Introduction to using accounting information to effectively manage sport and other events. You learn how to report, plan, budget, read, analyze financial information relating to event operations, sponsor and partner information, and overall financial success. Emphasis is placed on using accounting information for decision making. NOTE: Students cannot receive credit for both ACCT 321 and SEMM 200 toward the completion of the Sport & Event Marketing and Management program.

Hours: 56 hrs (4-0)

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

Prerequisite: SEMM 200 & COMM 140 & SEMM 325

This course focus 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 fundraising and sponsorship will be explored.

Hours: 42 hrs (3-0)

Credits: 3

SEMM 263 • Event Organizations

A behavioral approach to the understanding of people who influence the sport and event management operations and organizations. Topics of study include team dynamics, motivation, communication, leadership, decision-making, and organizational culture. NOTE: Students cannot receive credit for both MGMT 263 and SEMM 263 toward the completion of the Sport & Event Marketing and Management program.

Hours: 42 hrs (3-0)

Credits: 3

SEMM 267 • Leadership

Prerequisite: SEMM 161 or SEMM 263

This course provides an introduction to leadership issues and focuses on developing knowledge and capabilities that contribute to leadership success. The focus is about leadership processes and in developing your self-confidence and the skills necessary to lead. Topics include knowledge of leadership techniques, teamwork, learning styles, values, personal needs, behavioral styles, individual and group conflict, and supportive communications. Students cannot receive credit for both MGMT 267 and SEMM 267 toward the completion of the Sport & Event Marketing and Management program.

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

Prerequisite: SEMM 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, 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,

SEMM - SESP

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

Prerequisite: SEMM 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 relations 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 and hands-on training in the tools and technology of sport event PR is 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 355 • Brand Marketing

Prerequisite: SEMM 171 or SEMM 315

Meaningful sport and event 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, 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

Prerequisite: SEMM 351 & SEMM 371

This experiential learning experience provides students will put their 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 resumes and job search techniques. Graded on CR/NC basis.

Hours: 240 hrs (0-30P) 8 wks

Credits: 6

SEMM 395 • Events and Risk Management

Students will learn about contract law including purchase and rental agreements and related topics. This includes an introduction to business policy, insurance needs, liability terms as well as the use of small claims court. In addition, student will learn about employment law related to hiring employees for limited terms and events. Additional topics include identification and selection of legal counsel, situational management of incidents, and what types of situations require legal support. NOTE: Students cannot receive credit for both MGMT 395 and SEMM 395 toward the completion of the Sport & Event Marketing and Management program

Hours: 42 hrs (3-0)

Credits: 3

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 are requirements 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 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: 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 - SLWK

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 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, receptive and expressive skills to communicate with persons whom are Deaf. Even if you are outside the 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

Prerequisite: SLPA 160 or DBSS 160 & (EDAS 101 or CHPC 124) and a minimum of a C grade in 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

Prerequisite: DBSS 160 or DBSS 160 & (EDAS 101 or CHPC 124) and a minimum of a C grade in 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 caseload 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

Prerequisite: 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 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 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 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

Prerequisite: 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

Prerequisite: 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

Prerequisite: 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. 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

Prerequisite: 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 process to working with families and learn about theories of family, problems and how they manifest in families, to reflect on your personal values of family, and to 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 Illness, Trauma, and Addictions

Prerequisite: 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 interrelated factors that affect various client populations and the roles of social workers in dealing with mental illness, trauma, and addictions. Students will learn the importance of a cross cultural

perspective, and to examine traditional beliefs and assumptions about mental illness 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 illness and addictions.

Hours: 42 hrs (3-0)

Credits: 3

SLWK 212 • Social Work Practicum I

Prerequisite: 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- SOCI

SLWK 220 • International Social Work Practicum

Prerequisite: 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 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

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. 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

Prerequisite: 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 the 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

SPAN- SUST

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 001 • 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 001 and COMM 250.

Hours: 42 hrs (3-0)

Credits: 3

STAT (Statistics)

STAT 213 • Introduction to Statistics I

Prerequisite: 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

Prerequisite: 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

Prerequisite: 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

Prerequisite: 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 201 • 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 211 • 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 from the numerous examples of social innovations happening all over the world and develop the concepts, mindset, skills, and relationships that will enable them to start and evolve as a change maker that challenge the status quo.

Hours: 42 hrs (3-0)

Credits: 3

SUST 221 • 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 231 • 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 251 • 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 261 • Building and Sustaining Innovative Organizations

Prerequisite: 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 271 • 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 281 • Sustainability and Corporate Social Responsibility

Prerequisite: 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 291 • Sustainability by Design

Prerequisite: 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 301 • Design Thinking

Prerequisite: SUST 231 & SUST 291

This course introduces topics that influence engineering design and development such as: Industrial Ecology, Life-Cycle Analysis, the Built Environment, and the challenges and Opportunities for Sustainability in Practice. This course explores how design thinking can lend new perspectives on challenges and problems in society. Students will develop skills as creative problem solvers who combine rigorous research with narrative, visual data and other knowledge forms to generate sustainable strategies.

Hours: 42 hrs (3-0)

Credits: 3

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

SUST 321 • Managing Innovation Initiatives

Prerequisite: SUST 281

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 technologies are involved. Other topics include leadership of new product development teams, planning and evaluation of innovation initiatives, and management of innovation across organizational boundaries.

Hours: 42 hrs (3-0)

Credits: 3

SUST 351 • Innovation & Strategic Implementation

Prerequisite: SUST 321

This course provides a greater understanding and the skills to think more strategically and gain new perspectives regarding how to look for innovative ways to change the status quo and to improve and grow an organization. Students will explore strategies for sustaining innovation in organizations.

Hours: 42 hrs (3-0)

Credits: 3

SUST 391 • Sustainable Innovation Project

Prerequisite: SUST 301, SUST 311, & 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)

Credits: 3

SUST 399 • Sustainable Innovation Work Integrated Learning

Prerequisite: 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

TAPC - ZOOL

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

Available On-Site and in a Distributed Learning Format

TAPC 111 • Rehabilitation Process

Prerequisite: 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 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

Prerequisite: 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 113 • Growth and Development for Rehabilitation Service Providers

Prerequisite: 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

Prerequisite: 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

Prerequisite: (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

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 and ecdysozoan protostomes and the deuterostomes. Laboratories emphasize the functional morphology of major phyla occurring in Canada's streams, lakes and oceans, including insect and parasite representatives. emphasize 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.

phyla occurring in Canada's streams, lakes and oceans, including insect and parasite representatives.

Hours: 84 hrs (3-3)

Credits: 4

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