Academic Calendar

2026–27

WWW.MHC.AB.CA

MEDICINE HAT COLLEGE

Welcome to Medicine Hat College

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

Whether you are looking to prepare for a specific career or build a solid foundation for further education, deciding to attend MHC is a great first step. With two campuses located in Medicine Hat and Brooks, we offer more than 40 certificate, diploma, degree, trades, and university transfer programs along with flexible delivery options and work integrated learning. From education, science and health, to business, trades and technology, there are so many opportunities waiting for you.

At MHC, you will also find dedicated faculty and staff who are invested in you as a person and as a student, as well as a variety of services and campus amenities to support your success. Our partnerships – on campus and in our communities – connect you to people, resources and experiences that enhance your education. Learn from industry professionals in class presentations, engage in applied research through our Centre for Innovation, and build valuable relationships and skills through practicums and work placements.

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

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

We'll see you soon,
Kevin Shufflebotham
President and CEO

Welcome from your Students' Association

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

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

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

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

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

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IMPORTANT NOTICE AND DISCLAIMER

The material and information in this Calendar is compiled from academic and administrative office submissions and is 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/en/about-mhc/admin-governance/policies-procedures. 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 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.

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

July 2026

July 1	Canada Day (College Closed)
July 2	Credit Courses Begin - Summer
July 6	Course Add Deadline - Summer
July 9	Course Drop Deadline - Summer
	Tuition & Fees Deadline- Summer

August 2026

August 3	Heritage Day (College Closed)
August 4	Residence Fees Due - Fall
	Summer 2026 Applications Close
	Spring 2027 Applications Open
August 18	Course Withdraw Deadline -Summer
August 19	College Day (No Classes & College closed to the public)
August 31	Last Day of Credit Courses - Summer

September 2026

September 1	New Student Orientation - Fall
September 2	Fall 2026 Domestic Applications Close
	Credit Courses Begin - Fall
September 7	Labour Day (College Closed)
September 9	Course Add Deadline - Fall
September 15	Course Drop Deadline - Fall
	Tuition & Fees Deadline - Fall
	Transfer Credit and Prior Learning Assessment & Recognition (PLAR) Deadline - Fall
	Student Health & Dental Plan Modification Deadline - Fall
September 30	National Day for Truth and Reconciliation (No Classes)

October 2026

October 1	Fall 2027 Applications Open
	Winter 2027 International Applications Close
October 12	Thanksgiving Day (College Closed)

November 2026

November 11	Remembrance Day (College Closed)
November 12 & 13	Student Study Break (No Classes)
November 20	Course Withdraw Deadline - Fall

December 2026

December 1	Residence Fees Due - Winter
	Fall 2027 Early Admission Application Deadline for MRU BEd
December 9	Last Day of Credit Courses - Fall
December 10–18	Fall Final Exams
December 22	Winter 2027 Domestic Applications Close
December 24–31	Holiday Break (College Closed)

January 2027

January 1	New Year's Day (College Closed)
January 4	College Open
	New Student Orientation - Winter
January 5	Credit Courses Begin - Winter
	Fall 2027 Early Admission Document Deadline for MRU BEd
January 11	Course Add Deadline - Winter
January 18	Course Drop Deadline - Winter
	Tuition & Fees Deadline – Winter
	Transfer Credit and Prior Learning Assessment & Recognition (PLAR) Deadline - Winter
	Student Health & Dental Plan Modification Deadline - Winter

February 2027

February 1	Spring May & Spring June 2027 International Applications Close
February 15	Alberta Family Day (College Closed)
February 16–19	Student Study Break (No Classes)

March 2027

March 15	Convocation Application Deadline
March 24	Course Withdraw Deadline - Winter
March 26	Good Friday (College Closed)
March 29	Easter Monday (College Closed)

April 2027

April 1	Fall 2027 General Admission Application Deadline for MRU BEd
April 14	Last Day of Credit Courses - Winter
April 16–27	Winter Final Exams

May 2027

May 1	Fall 2027 General Admission Document Deadline for MRU BEd
May 3	Credit Courses begin - Spring May & Spring May/June
	Spring May 2027 Domestic Applications Close
	Fall 2027 Application deadline for UT Education, Social Work diploma, BSc Nursing and BAHSc – Paramedic
	Summer 2027 Applications Open
May 4	Course Add Deadline - Spring May
May 5	Course Drop Deadline - Spring May
	Tuition & Fees Deadline - Spring May & Spring May/June
	2027/2028 Credit Course Registration Opens
May 6	Course Add Deadline - Spring May/June
May 10	Course Drop Deadline - Spring May/June
May 14	Fall 2027 International Applications Close
May 24	Victoria Day (College Closed)
May 25	Course Withdraw Deadline - Spring May
May 31	Last Day of Credit Courses – Spring May

June 2027

June 1	Credit Classes Begin Spring June
	Winter 2028 Applications Open
	Spring June 2027 Domestic Applications Close
June 2	Course Add Deadline -Spring June
June 3	Course Drop Deadline-Spring June
	Tuition & Fees Deadline - Spring June
June 11	Spring Convocation
June 18	Course Withdraw Deadline - Spring May/June
June 24	Course Withdraw Deadline - Spring June
June 30	Last Day of Credit Courses - Spring May/June & Spring June

Some program start and end dates may vary from general College start and end dates. Please refer to program pages on the Medicine Hat College website for specific information for start and end dates for classes and practica.

Legend	Description	Note
Add	To register in a course(s)	
Drop	To unregister from a course(s)	Refund eligible
Withdrawal	Remove from a course(s)	"W" grade received, refund ineligible

Academic Schedule 2027–2028

July 2027

July 1	Canada Day (College Closed)
July 2	Credit Courses Begin - Summer
July 6	Course Add Deadline - Summer
July 9	Course Drop Deadline- Summer
	Tuition & Fees Deadline - Summer

August 2027

August 1	Residence Fees - Fall
August 2	Heritage Day (College Closed)
	Summer 2027 Applications Close
	Spring 2028 Applications Open
August 3	Residence Fees Due - Fall
August 18	Course Withdraw Deadline - Summer
August 25	College Day (No Classes & College Closed to the public)
August 31	Last Day of Courses - Summer

September 2027

September 1	New Student Orientation - Fall
September 2	Fall 2027 Domestic Applications Close
	Credit Courses Begin - Fall
September 6	Labour Day (College Closed)
September 9	Course Add Deadline - Fall
September 15	Course Drop Deadline - Fall
	Transfer Credit and Prior Learning Assessment & Recognition (PLAR) Deadline - Fall
	Tuition & Fees Deadline - Fall
	Student Health & Dental Plan Modification Deadline - Fall
September 30	National Day for Truth and Reconciliation (No Courses)

October 2027

October 1	Fall 2028 Applications Open
	Winter 2028 International Applications Close
October 11	Thanksgiving Day (College Closed)

November 2027

November 10	Student Study Break (No Classes)
November 11	Remembrance Day (College Closed)
November 12	Student Study Break (No Classes)
November 23	Course Withdraw Deadline - Fall

December 2027

December 1	Residence Fees Due - Winter
	Fall 2028 Early Admission Application Deadline for MRU BEd
December 10	Last Day of Credit Courses - Fall
December 13–21	Fall Final Exams
December 21	Winter 2028 Domestic Applications Close
December 24–31	Holiday Break (College Closed)

January 2028

January 1	New Year's Day (College Closed)
January 3	College Closed (in lieu of New Year's Day)
January 4	College Open
	New Student Orientation - Winter
January 5	Credit Courses Begin - Winter
	Fall 2028 Early Admission Document Deadline for MRU BEd
January 11	Course Add Deadline - Winter
January 17	Course Drop Deadline - Winter
	Tuition & Fees Deadline - Winter
	Transfer Credit and Prior Learning Assessment Recognition (PLAR) Deadline - Winter
	Student Health & Dental Plan Modification Deadline (January Registrants Only) - Winter

February 2028

February 1	Spring May & Spring June 2028 International Applications Close
February 21	Alberta Family Day (College Closed)
February 22–25	Student Study Break (No Classes)

March 2028

March 15	Convocation Application Deadline
March 21	Course Withdraw Deadline - Winter

April 2028

April 3	Fall 2028 General Admission Application Deadline for MRU BEd
April 7	Last Day of Credit Courses - Winter
April 10–22	Winter Final Exams
April 14	Good Friday (College Closed)
April 17	Easter Monday (College Closed)

May 2028

May 1	Credit Courses begin - Spring May and Spring May/June
	Spring May 2028 Domestic Applications Close
	Fall 2028 Application Deadline for UT Education, Social Work diploma, BSc Nursing & BAHSc -Paramedic
	Fall 2028 General Admission Document Deadline for MRU BEd
	Summer 2028 Applications Open
May 2	Course Add Deadline - Spring May
May 3	Course Drop Deadline - Spring May
	Tuition & Fees Deadline - Spring May & Spring May/June
	2028/2029 Credit Course Registration Opens
May 4	Course Add Deadline - Spring May/June
May 8	Course Drop Deadline - Spring May/June
May 15	Fall 2028 International Applications Close
May 22	Victoria Day (College Closed)
May 25	Course Withdraw Deadline - Spring May
May 31	Last Day of Credit Courses - Spring May

June 2028

June 1	Credit Courses begin - Spring June
	Winter 2029 Applications Open
	Spring June 2028 Domestic Applications Close
June 2	Course Add Deadline - Spring June
June 5	Course Drop Deadline - Spring June
	Tuition & Fees Deadline - Spring June
June 9	Spring Convocation
June 19	Course Withdraw Deadline - Spring May/June
June 26	Course Withdraw Deadline - Spring June
June 30	Last Day of Credit Courses - Spring May/ June & Spring June

Some program start and end dates may vary from general College start/end dates. Please refer to program pages on the Medicine Hat College website for specific information for start and end dates for classes and practica.

ABOUT MEDICINE HAT COLLEGE

Athletics and Recreation

Campus Recreation & Intramurals • 403.529.3834
Interested in campus recreation & intramurals? We offer a variety of fun and competitive sports for all levels. We encourage students and staff to register for volleyball, ball hockey, dodgeball, basketball, fitness classes, and much more. Have something else in mind? Let us know.

Fitness Centre • 403.529.3840
Our brand new Fitness Centre, with 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, towel services are available, and as well as lockers are available. Please see the Fitness Centre staff for details. Please visit the Fitness Centre for hours of operation of all our facilities. The College Fitness Centre is available free of charge for all full time Medicine Hat College students.

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

Learning Supports

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

Academic Advising • 403.529.3819 • StudentSupport@mhc.ab.ca
Academic Advising is a collaborative process where advisors support students by providing professional information about course selection, college policies, and procedures. Advisors also refer students to appropriate support services when needed. Advising is a shared responsibility between the student and the college. Advisors proactively engage students and encourage them to become active and responsible participants in their educational journey. Through advising, students gain the knowledge to make educated choices about their educational plans. Advising can take place in person, by email, virtually, or by telephone.

Academic Coaching Services • 403.529.3819
Academic coaching is an empowering service offered to all MHC students that aims to have them thrive. Together with an academic strategist, students explore their mindset, student self-concept and a wide range of student success strategies. Students can get clear on their personal and academic goals, habits of working and any difficulties or barriers to success. Exploring your strengths and challenges, with skills such as motivation, study routines, time management, note taking, test taking, communication and more, can help students reach theirfull academic potential. The academic strategist is available for confidential, one-to-one appointments, small group meetings and in-class workshops.

Academic Resources Centre • 403.529.3896 • exams@mhc.ab.ca
The Academic Resources Centre offers help in several areas that are key to success. These include exam supervision for MHC students and external students, tutoring services specializing in math and science, peer tutoring and study skills.

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

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

Indigenous Engagement & Student Supports • 403.504.3503
The Indigenous Engagement & Student Supports team welcomes all students and community to learn and experience Indigenous culture. They provide connection for both Indigenous and non-Indigenous students to a wide range of academic, financial, and personal supports and services. Their welcoming and supportive environment provides a familiar space, and a sense of belonging for First Nations/Metis/Inuit students and serves as a link to the elders and community supports for cultural resources, teachings, and events.

Library Services • 403.529.3867 (MH), 403.362.1690 (Brooks) mhclibrary@mhc.ab.ca
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 students navigate thousands of books, eBooks, journal articles, magazines, videos, curriculum materials and more. We are happy to assist students in person at the service desks, by appointment, telephone, text message, online chat, or email. Whether students need study space, Internet, or access to computers and multimedia equipment, they can find it in the library.

Writing Support Services • 403.529.3819 • writingsupport@mhc.ab.ca
Writing Support Services provides guidance to students who want to improve their academic writing. The team of Writing Specialists provides practical support for written assignments, essays, and research projects, and they can instruct

students in proper formatting, grammar, punctuation, outlining, thesis development, essay structure, self-editing, and citation styles. Appointments can be booked online, and support is offered through a variety of modes: in-person appointments, Blackboard video calls, email reviews, video feedback, phone calls, workshops, and in-class presentations.

Lifestyle

Cafeteria

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

Campus Life

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

Common Grounds

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

Crave Pub • 403.504.3540

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

Clubs • 403.529.3925

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

Services

Bookstore • 403.529.3809 • bookstore@mhc.ab.ca

Along with a wide selection of college textbooks, we carry stationary, electronics, art supplies, and unique giftware. We also offer digital books and services to support your learning. Whether you prefer a physical textbook or the convenience of digital, we've you got covered.

Show your school spirit with our MHC and Rattlers branded clothing! Find us just inside the main doors, across from the Security Desk. We look forward to seeing you!

Store Hours: September–June: 8 a.m.–4 p.m. (Mon–Fri)
July–August: 9 a.m.–3 p.m. (Mon–Fri)

Bus Services

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

Mental Health and Wellness Services • counselling@mhc.ab.ca

Mental Health and Wellness Services offers one-to-one support for system navigation, referrals to community services, Campus Peer Support and counselling. Services are available Monday through Friday. All services are confidential and at no additional cost to current students. Please see our webpage for more detailed information: www.mhc.ab.ca/student-life/counselling-and-care

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

Student Financial Aid supports students in accessing available funding including government student loans and grants, sponsorships, scholarships, and bursaries. We provide guidance on managing and repaying student loans, as well as maintaining funding eligibility. Our office administers the Medicine Hat College scholarship program. We offer financial wellness resources to help students budget effectively, understand and manage credit, and make informed financial decisions. Additional information is available on our website: mhc.ab.ca/student-life/financial-aid

Health and Dental Plan • 403.529.3925

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

International students are covered under "StudyInsured". 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 prorated amount for health coverage (there is no fee pro-ratio 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 an online waiver form before the opt-out deadline. Students can also enroll their spouse and/ or dependents by completing an enrolment process and paying an additional fee, over and above the mandatory fee (deadlines apply). The SAMHC Extended Health and Dental Plan is not available to students who are registered only in the Spring/Summer sessions. For further information such as Plan details, POC details or to opt out online (deadlines apply), please visit www.samhc.ca.

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 enroll 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 • 403.878.0803

chaplain@mhc.ab.ca

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 students and their spiritual needs. The Chaplain is available by email and by phone or text 403.878.0803.

Medical Services • www.mhcollegeclinic.com

College Clinic offers their service at Medicine Hat College to provide appointment 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

The following changes are aimed at enhancing accessibility and convenience for our college and community:

Free Open Parking: All open parking lots on the Medicine Hat campus offer free parking for stalls without a plug-in. Parking at the Brooks campus remains free.

Plug-In Parking: Fees for plug-in parking stalls remain in place. Users can continue to purchase monthly passes through the HotSpot parking app at a rate of $50 per month.

Student Residence Parking: Parking permits for Student Residence can be purchased each semester through the Residence Office. Student Residence parking permits are not valid in parking lots on campus.

All other parking regulations remain in effect, including loadingzones and accessibility and campus service designated stalls. Accessible 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.

Additional information can be found at: www.mhc.ab.ca/en/campus-services/college-amenities/parking-services.

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 take place in September. All students are welcome to attend the meetings of the Council, which take place monthly. The SAMHC advocates, sponsors activities. 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 semesters the office is open weekdays until 4 p.m. Visit www.samhc.ca for more information.

Service Dogs on Campus

Medicine Hat College is a teaching facility for MHC's Service Dog & Canine Management Studies Program. Please give student handlers space to work and do not approach or interact with the dogs without permission from the handler.

Students' Association Wellness Hub • 403.502.8993

Looking for support or direction? The Wellness Hub, part of the Students' Association of Medicine Hat College, is here to help you navigate student life, providing you with information, resources, and guidance on a wide range of topics, including mental health, sexual health, substance use, nutrition, and more! Our Health and Wellness Coordinator can connect students with on-campus services or make referrals to local resources for additional support. For students in urgent need, we provide access to emergency food supplies and can assist with referrals for semester-long food security resources. We also host free, engaging activities throughout the year, giving students a chance to step away from studies, explore important wellness topics, and focus on their well-being.

Residence • 403.529.3820

Medicine Hat College Student Residence features 72 shared townhouse units with four private bedrooms, two shared bathrooms and a common kitchen and living area.

Each townhouse equipped with Wi-Fi and is furnished with a stove, fridge, freezer, living room furniture, and kitchen table and chairs. Each bedroom has an extra long single bed, desk, chair, garbage bin and closet.

Living in residence, you'll find a variety of programming options to ensure you have opportunities to connect with other students and achieve a balance between your academic commitments and social life. There truly is something for everyone from paint nights to movie watch parties and ping pong tournaments! Your RAs will ensure you feel included and supported, including creating events with your unique interests in mind!

Student Career Services

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

International Opportunities • 403.504.3615

International Education offers several opportunities for students interested in gaining international or intercultural experience.

Faculty-led Study Abroad

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

International Degree Completion

Medicine Hat College is proud to facilitate relationships with international universities and colleges that offer Medicine Hat College diploma graduates the opportunity to study at 7 international partner institutions for credit towards a four-year bachelor degree.

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.

Student Exchange

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

Summer Study Abroad

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

Other Opportunities

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

ADMISSIONS

General Admission Requirements

Medicine Hat College is committed to transparent and equitable admission practices. We welcome applications from all individuals who meet the academic subject requirements for entry into a Medicine Hat College program or a collaborative program for which we manage admissions.

Admission to programs listed in the Academic Calendar is governed by Medicine Hat College's academic and institutional policies. Additional learning opportunities, including flexible educational pathways, are available through the College's Continuing Studies Division.

Applicants who do not currently meet admission requirements are encouraged to contact the College directly for guidance and support in achieving their educational goals.

Admission to some programs require the completion of a high school credential in addition to the appropriate subject-level qualifications.

If students wish to challenge an admission assessment, please email your request to admissions@mhc.ab.ca. These challenges may be escalated to the Coordinator, Admissions and Recruitment for further review.

Applications

Applications for admission should be submitted online via the College website. An application fee is required for any Medicine Hat College credit programs.

Transcripts

Applicants are required to submit **official transcripts** to be considered for admission:

- Alberta high school and post-secondary transcripts will be requested by Medicine Hat College on behalf of the applicant, based on the information provided in the submitted application.
- Out-of-province and international high school students must contact the appropriate transcript authority in their region to arrange for official transcripts to be sent directly to Medicine Hat College.
- Post-secondary transcripts must be sent directly from each institution attended. Transcripts that include transfer credit do not replace the requirement to submit original transcripts from all institutions.

Important Notes:

- Photocopies or faxed transcripts are not considered official. However, they may be accepted for conditional admission where appropriate.
- All official transcripts must be received by the Admission Office prior to the start of classes.
- Failure to submit required transcripts may result in deregistration or withdrawal of admission.

English Language Proficiency Requirements

Medicine Hat College conducts academic learning in English. If a student possesses less than three years of full-time education in English at the secondary level, or two years of full-time education at the postsecondary level, they must demonstrate proficiency in the English language before being admitted. For all programs other than Health Care Aide and Pharmacy Technician, certain countries have been designated as exempt from English Language Proficiency (ELP) requirements; please visit the ELP information page at www.mhc.ab.ca for further information. Please note, enrolment in English as a Second Language or English as an Additional Language (ESL or EAL) courses or programs are not included in the calculation of two or three years of full-time study.

Students who are identified during their studies as requiring additional English language support, may be required to complete additional English language courses or training.

General English Language Proficiency

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

Intermediate English Language Proficiency

Intermediate English Language Proficiency is required for students completing the following program:

- Addictions Counselling Diploma
- Child and Youth Care Counsellor Diploma
- Humanities & Social Sciences Diploma
- Kinesiology Diploma
- Occupational Therapist Assistant/Physical Therapist Assistant Diploma
- Post diploma certificate in Marketing & Design
- Social Work Diploma
- Speech-Language Pathologist Assistant Diploma
- University Transfer: Arts
- University Transfer: Commerce
- University Transfer: Education
- University Transfer: Kinesiology
- University Transfer: Science
- University Transfer: Social Work

Advanced English Language Proficiency Requirements

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

- Aviation Management Certificate
- Nursing[1]
- Bachelor of Applied Health Sciences (Paramedic)
- Practical Nurse Diploma

1 Students applying to the Bachelor of Science in Nursing program should be aware that Medicine Hat College follows the requirements of the University of Calgary Bachelor of Science in Nursing degree program for English Language Proficiency. Please contact Admissions at admissions@mhc.ab.ca for more details.

Health Care Aide English Language Proficiency

For admission to Health Care Aide, all students for whom English is a second language must meet the English Language Proficiency requirements by completing one of the following:

1. Obtain a Canadian High School Equivalency Diploma through successful completion of all 5 GED or Canadian Adult Education Credential (CAEC) tests.
2. Attend high school in Canada. Studies must be in English with at least 3 consecutive years of full-time academic study.
3. Attend 2 consecutive years of full-time equivalent post-secondary study in English in a subject other than a Health Care Aide program at a Canadian institution
4. Submit an approved ELP test with the required Canadian Language Benchmark score of 7 in each of the four language skills (Speaking, Listening, Reading, Writing), not an average of 7.

Please see below for approved ELP tests and accepted scores:

1. International English Language Testing System (IELTS) Academic – 6 (no band 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 Tests, 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

ELP test results must have been obtained within two years of the start date of the program. IELTS (Academic) and TOEFL results are valid for two years from the day of testing. Results that expire prior to the start date of the program will not be accepted.

Pharmacy Technician English Language Proficiency

All applicants for the Pharmacy Technician program must meet the National Association of Pharmacy Regulatory Authorities (NAPRA) language proficiency requirements prior to admission. Language proficiency test results must be no more than two years old and not expired at the start of the program. Proof of English language proficiency may be met in one of two ways:

1. Graduation from a high school, CEGEP (general and professional teaching college in Quebec), community college, private career college, or university program in Canada if the program was of at least 3 years' duration and was provided in English with successful completion of three consecutive English language courses. Second-language or additional language courses are not acceptable as evidence.
2. Submission of an approved ELP test.

Please see below for approved ELP tests and accepted scores:

1. IELTS Academic with the following minimum scores:

7.0	7.0	7.0	6.5
Reading	**Listening**	**Speaking**	**Writing**

2. Occupational English Test (OET) with the following minimum scores

B	B	B	C+
Reading	**Listening**	**Speaking**	**Writing**

General, Intermediate, and Advanced English language proficiency may be demonstrated in one of the following ways:

Name of Assessment	General ELP	Intermediate ELP	Advanced ELP
Completion of an Alberta Education English Language Arts courses (or Canadian equivalent) that meets the requirements of the applicant's intended program of study	Accepted	Accepted	Accepted
Advanced Placement Coursework	AP English with a 4 or better	AP English with a 4 or better	AP English with a 4 or better
CAE (Cambridge English Language Assessment)/CPE (Cambridge English Proficiency)/Cambridge English Scale	180	180, with no less than 170 in each skill	185
CAEL (Canadian Academic English Language Computer or Paper-Based)	60 with no score below 50	70	Not accepted
CLB (Canadian Language Benchmark Assessment)	Score of 7 in each band	Score of 8 in each band	Score of 8 when completed with a LINC program[2]
Duolingo	105	120	130
GCE Advanced Level (A or AS level), GCSE, IGCSE	B grade or better	B grade or better	B grade or better
IELTS (International English Language Testing System)	6.0 with no band below 6.0	6.5 with no band below 6.0	7.0 with no band below 7.0
MELAB (Michigan English Language Assessment Battery)	80	85	Score of 90 with a minimum score of "3 plus" on the speaking test
ILAC (International Language Academy of Canada)	Successful completion of Pathway Program level 3.2	Successful completion of Pathway Program level 3.3	Not accepted
The Language Gallery Canada EAP	Level 5	Level 6	Not accepted
PTE (Pearson Test of English)	54	60	64 but students must also complete another exam with a spoken language requirement
TOEFL PBT (Test of English as a Foreign Language – paper-based)	550	566	Not accepted
TOEFL iBT (Test of English as a Foreign Language – Internet based) Prior to January 21, 2026	79	86	92 with a minimum of 23 in each sub-score
TOEFL iBT (Test of English as a Foreign Language – Internet-based) On or after January 21, 2026	4.0 no band less than 4.0	4.5 no band less than 4.5	5.0 no band less than 4.5

2 CLB is NOT accepted for Paramedic, Aviation, Practical Nurse, or the collaborative Bachelor of Science in Nursing program.

Name of Assessment	General ELP	Intermediate ELP	Advanced ELP
Canadian English Language Proficiency Index Program (CELPIP) General	Not accepted	Not accepted	Not accepted
Canadian English Language Benchmark Assessment for Nurses (CELBAN)	Not accepted	Not accepted	Not accepted
Canadian High School Equivalency Diploma (GED or CAEC)	Not accepted	Not accepted	Not accepted
IB (International Baccalaureate Coursework)	English A1, A2, A Literature or A Language & Literature with a 5 or better or IB English B with a 6 or better	English A1, A2, A Literature or A Language & Literature with a 5 or better or IB English B with a 6 or better	English A1, A2, A Literature or A Language & Literature with a 5 or better or IB English B with a 6" or better
Full-time secondary education in English within an ELP exempt country	3 years of full-time secondary education	3 years of full-time secondary education	3 years of full-time secondary education
Full-time post-secondary education in English within an ELP exempt country	Successful completion of 2 years of full-time post-secondary education	Successful completion of 2 years of full-time post-secondary education	Successful completion of 2 years of full-time post-secondary education
Completion of accredited diploma or degree from a Canadian post-secondary institution where English is primary language of instruction	Accepted	Accepted	Not accepted

Additional Notes

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

Only the most recent validated ELP test result will be considered for admission. ELP tests older than 2 years from the test date are not normally accepted. Medicine Hat College requires academic versions of English language examinations.

University transfer 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.

An English as a Second Language or English for Academic Purposes program from a public post-secondary institution may be accepted if deemed equivalent to Medicine Hat College's General, Intermediate, or Advanced English Language Proficiency requirements. Please contact admissions at admissions@mhc.ab.ca for more details.

Applicants who submit an English Test score, even if not required for admission consideration, may have their test score considered as part of their application for admission.

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 admissions@mhc.ab.ca 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. Students will be required to provide documentation of their disability to receive accommodations. Contact the Accessibility Services Coordinator at twatkins@mhc.ab.ca for more information.

Home Schooled or Home Educated Students
Medicine Hat College respects the variety of pathways a student may take towards postsecondary education. If applicants have completed a Home Schooled or Home Education program, they may qualify for admission by providing the relevant provincial diploma examinations, via previous work they have completed at an accredited postsecondary institution or through alternate admission pathways such as the Next-Generation ACCUPLACER test if applicable.

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 email frequently to ensure they have provided all the correct documents and data required for a decision. Students requiring a permit to study in Canada may wish to connect directly with the Government of Canada website for informationon 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.

When to Apply
Opening and closing dates for domestic and international applications are outlined in the Academic Schedule on page 4 of the Medicine Hat College calendar and online at www.mhc.ab.ca/programs-and-admissions/admissions. Some programs have limited enrolment, so applying early is recommended.

Admissions Schedule for Winter and Spring Intakes
Programs available for winter or spring admission:

WINTER
Business Administration
General Studies
Health Care Aide
Humanities and Social Sciences
Occupational Therapist Assistant/ Physical Therapsit Assistant Diploma - Online
Practical Nurse - Medicine Hat
Bachelor of Applied Health Sciences - Paramedic (Post-ACP)
Speech Language Pathologist Assistant Diploma - Online
University Transfer: Arts
University Transfer: Commerce
University Transfer: Kinesiology
University Transfer: Science
University Transfer: Social Work
Upgrading

SPRING
General Studies
Humanities and Social Sciences
University Transfer: Arts
University Transfer: Commerce
University Transfer: Kinesiology
University Transfer Science
University Transfer: Social Work
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.

NOTE: If an applicant is missing the required subjects, they may qualify for other programs at Medicine Hat College. Please contact Academic Advising at 403.529.3819 and/or Admissions at admissions@mhc.ab.ca.

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

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

Transfer Student Route

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

For information on gaining credit towards program requirements, consult the Prior Learning Assessment and Recognition (PLAR) section on page 37.

Alternative Admission Pathways

General Studies

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

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

Senior Citizen

Applicants in this category are 65 years and older and have the appropriate English Language Proficiency (ELP). Senior students may enroll in one 3-or-4 credit course per semester, as 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 canceled. 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 as a Special Student must submit an application and pay the application fee for each semester they wish to attend.

Students should be aware that lacking the required prerequisites 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, as students 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 enrolment or prerequisite 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 Medicine Hat College students
- 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 two of which will be foundational courses: ENGL 125 and COMM 140 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.

Tuition Deposit

Students accepted into 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 outlined in 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 program or practicum placement. This may be required prior to admission or at registration. Students should carefully read the requirements of each program in this Calendar.

Examples of requirements may be (but is not limited to) a criminal record check, a statement of interest, health documentation (e.g. immunizations), etc.

It is the student's responsibility to ensure they are able and willing to meet the health and fitness requirements of the program to which they are admitted. In many cases, these requirements

are necessary to complete the program. Students who require additional accessibility support to meet the pre-professional requirements of the program should connect with accessibility services.

Change of Program

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

Re-Admission to Medicine Hat College

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

Admission 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.

Admission Requirements - University Transfer Programs

Students accepted to a University Transfer program should be aware that admission requirements differ from between universities. Students are responsible for making sure they 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 15.

View the Provincial High School Equivalencies on our website at www.mhc.ab.ca/programs-and-admissions/admissions.

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

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 prerequisites.*
Arts (including Social Work)	• ELA 30-1 • Math 30-1 or Math 30-2 or a 30-level second language • Two 30-level academic subjects • One 30-level, 5-credit subject (excluding Special Projects)	• ELA 30-1 • One 30-level academic subject *NOTE: Some majors at some universities require Math 30-1 or equivalent (i.e. U of C Social Science)*
Commerce / Management	• ELA 30-1 • Math 30-1 • Two 30-level academic subjects • One 30-level, 5-credit subject (excluding Special Projects)	• ELA 30-1 • Math 30-1
Education	• ELA 30-1 (min. 60%) • Three 30-level academic subjects • One 30-level 5-credit, or two 3-credit subjects (excluding Special Projects) *NOTE: Although not required for admission, it is strongly suggested that students entering Education possess MATH 30-1 or MATH 30-2.*	• ELA 30-1 (min. 60%) • Pre-requisite courses required, e.g. Chem 30 required for university level Chemistry *NOTE: Although not required for admission, it is strongly suggested that students entering Education possess MATH 30-1 or MATH 30-2.*
Kinesiology	• ELA 30-1 • Biology 30 • Chemistry 30 • Math 30-1 • One 30-level, 5-credit subject (excluding Special Projects). Physics 30 recommended *NOTE: Students should be aware that some universities require Physics 30*	• ELA 30-1 • Biology 30 • Chemistry 30 • Math 30-1 *NOTE: Students should be aware that some universities require Physics 30*
Science (including Pre-Professional streams)	• ELA 30-1 • Math 30-1 • Any two of Biology 30, Chemistry 30 or Physics 30 *NOTE: Students should be aware that different majors will require different combinations of science courses*	• ELA 30-1 • Math 30-1 • Any two of Biology 30, Chemistry 30 or Physics 30
Combined High School/ Unviversity Transfer	• ELA 30-1	• ELA 30-1

Admission Requirements - Diploma/Certificate Programs

For an explanation of Admission Routes, see page 15.

View the Provincial High School Equivalencies on our website at www.mhc.ab.ca/programs-and-admissions/admissions.

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

Program	High School Route *(Alberta High School Courses or Equivalents)*	Mature Student Route *(Age 21 and older)*	Transfer Route *(Post-Secondary Credentials)*
Addictions Counselling	• ELA 30-1 (min 50%) or ELA 30-2 (min 65%)		
Administrative Office Management	• ELA 30-1 or ELA 30-2 • Math 10C	• ELA 30-1 or ELA 30-2 • Math 10C	Completion of a one-year Administrative Office Professional Certificate
Administrative Office Professional	• ELA 30-1 or ELA 30-2 • Math 10C	• ELA 30-1 or ELA 30-2 • Math 10C	
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 • Enrolment in the Super T Aviation Integrated Airline License Program	• ELA 30-1 or ELA 30-2 • Math 30-1 or Math 30-2 • Science 30 or Physics 20 • Enrolment in the Super T Aviation Integrated Airline License Program	
Business Administration	• ELA 30-1 or ELA 30-2 • Math 30-1 or Math 30-2 • Two 30 level 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	• ELA 30-1 (min. 60%) or ELA 30-2 (min. 70%) • One 30-level academic subject (min. 60%) • Three 30-level, 5-credit subjects (min. 60%, maximum of 5-credits of CTS courses)	• ELA 30-1 (min. 60%) or ELA 30-2 (min. 60%) • 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	• ELA 30-1 (min. 60%) or ELA 30-2 (min. 65%)	• ELA 30-1 (min. 60%) or ELA 30-2 (min. 65%)	
Early Childhood Education	High school diploma with: • ELA 30-1 (min. 50%) or ELA 30-2 (min. 65%)	• ELA 30-1 (min 50%) or ELA 30-2 (min 65%)	• Successful completion of an Early Childhood Education or Early Learning and Child Care certificate from an accredited Alberta college, with a GPA of no less than 2.3, and with no final course grade of less than C

Admission Requirements - Diploma/Certificate Programs

Program	High School Route *(Alberta High School Courses or Equivalents)*	Mature Student Route *(Age 21 and older)*	Transfer Route *(Post-Secondary Credentials)*
Engineering Design and Architectural Technology/ 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	
Environmental Biology and Reclamation Technology	High school diploma with: • ELA 30-1 (min. 50%) or ELA 30-2 (min. 60%) • Math 30-1 (min. 55%) or Math 30-2 (min. 55%) • Chemistry 30 (min. 55%) or Science 30 (min. 55%) • Biology 20 (min. 55%)	• ELA 30-1 (min. 50%) or ELA 30-2 (min. 60%) • Math 30-1 (min. 55%) or Math 30-2 (min. 55%) • Chemistry 30 (min. 55%) or Science 30 (min. 55%) • Biology 20 (min. 55%)	
General Studies	• ELA 30-1 or ELA 30-2	• ELA 30-1 or ELA 30-2	
Health Care Aide	One of the following (only Canadian jurisdictions accepted): • ELA 20-1 or ELA 20-2 (min. 60%) or Canadian jurisdiction equivalent • ELA 30-1 or ELA 30-2 (min. 55%) or Canadian jurisdiction equivalent • Canadian High School Equivalency Diploma (GED/ CAEC) • Score of 237 or higher on each of the Reading and Writing portions of the Next-Generation ACCUPLACER test		
Humanities and Social Sciences	• ELA 30-1 • Math 30-1 or Math 30-2 or a 30-level second language • Two 30-level academic subjects • One 30-level, 5-credit subject (excluding special projects)	• ELA 30-1 • One 30-level academic subject	
Information Technology	• ELA 30-1 (min. 50%) or ELA 30-2 (min. 60%) • Math 30-1 (min. 50%) or Math 30-2 (min. 65%), or Math 20-1 (min. 65%)		

Program	High School Route *(Alberta High School Courses or Equivalents)*	Mature Student Route *(Age 21 and older)*	Transfer Route *(Post-Secondary Credentials)*
Kinesiology	Overall average of at least 60% and a minimum mark of 50% in: • ELA 30-1 • Biology 30 • Math 30-1 or Math 30-2 • One 30-level academic subject • One 30 level Grade 12 5-credit subject (excluding special projects)	• ELA 30-1 • Biology 30 • Math 30-1 or Math 30-2	
Occupational Therapist Assistant/Physical Therapist Assistant	High school diploma with: • ELA 30-1 or ELA 30-2 (min. 60%) • Biology 30 (min. 60%) • Two 30-level subjects (min. 60%), one of which must be a 30-level science or Math 30-1 or Math 30-2	• ELA 30-1 or ELA 30-2 (min. 60%) • Biology 30 (min. 60%)	• ELA 30-1 or a post-secondary level equivalent or ELA 30-2 • Biology 30, a post-secondary level equivalent or a university level lab science course post-secondary level equivalent or a university level lab science course (min. 60%, or C)
Pharmacy Technician	• High school diploma, general education diploma (GED), or equivalent • English Language Arts 30-1 (min. 60%) or English Language Arts 30-2 (min. 70%) • Mathematics 30-1 (min. 60%) or Mathematics 30-2 (min. 60%) • Biology 30 (min. 60%) • Chemistry 30 (min. 60%)		
Power Engineering	A minimum of 60% in each of the following: • ELA 20-1 or ELA 20-2 • Math 30-1 or Math 30-2 • Physics 20	A minimum of 60% in each of the following: • ELA 20-1 or ELA 20-2 • Math 30-1 or Math 30-2 • Physics 20	
Practical Nurse	• ELA 30-1 (min. 60%) or ELA 30-2 (min. 70%) • Math 20-1 (min. 60%) or Math 20-2 (min.70%) • Biology 30 (min. 60%) or Bow Valley College ANAT 1101 (min. 60%)	• ELA 30-1 (min. 60%) or ELA 30-2 (min. 70%) • Math 20-1 (min. 60%) or Math 20-2 (min.70%) • Biology 30 (min. 60%) or Bow Valley College ANAT 1101 (min. 60%)	

Admission Requirements - Diploma/Certificate Programs

Program	High School Route *(Alberta High School Courses or Equivalents)*	Mature Student Route *(Age 21 and older)*	Transfer Route *(Post-Secondary Credentials)*
Service Dog and Canine Studies Management	• ELA 30-1 or ELA 30-2 • Science 30 or Biology 20 • One 30-level, 5-credit subject	• ELA 30-1 or ELA 30-2 • Any 30 level Science is recommended	
Social Work	A minimum of 60% in each of the following: • ELA 30-1 • Two 30-level academic subjects • One 30-level, 5-credit subject	A minimum of 60% in each of the following: • ELA 30-1 or transferable Equivalent (min. 60%) • Two 30-level academic subjects or postsecondary transfer courses (min. 60%)	
Speech Language Pathologist Assistant	High school diploma with: • ELA 30-1 or ELA 30-2 (min. 60%) • Biology 30 (min. 60%) • Two 30-level subjects, one of which must be a 30-level science, Math 30-1 or Math 30-2 (min. 60%)	• ELA 30-1 (min. 60%) • Biology 30 (min. 60%)	• ELA 30-1 or a post-secondary level equivalent or ELA 30-2 • Biology 30, a post-secondary level equivalent or a university level lab science course post-secondary level equivalent or a university level lab science course (min. 60%, or C)
Sport and Event Marketing and Management	• ELA 30-1 or ELA 30-2 • Two 30-level, 5-credit subjects	• ELA 30-1 or 30-2	
Sustainable Energy Systems Professional	• ELA 30-1 or ELA 30-2	• ELA 30-1, or ELA 30-2, or 10+ years of industry experience, or Journeyman or Red Seal Certification	
Sustainable Innovation	• ELA 30-1 or ELA 30-2 • Two 30-level, 5-credit subjects	• ELA 30-1 or 30-2	

Admission Requirements - Applied Degree and Degree Programs

For an explanation of Admission Routes, see page 15.

View the Provincial High School Equivalencies on our website at www.mhc.ab.ca/programs-and-admissions/admissions.

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

Program	High School Route *(Alberta High School Courses or Equivalents)*	Mature Student Route *(Age 21 and older)*	Transfer Route *(Post-Secondary Credentials)*
Bachelor of Applied Arts - Art and Design	• ELA 30-1 or ELA 30-2	• ELA 30-1 or ELA 30-2, or Post-Secondary (diploma or University transfer) English (min. 60%)	
Bachelor of Applied Health Sciences - 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 • One 30-level 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	*Students with previous post-secondary education should meet with the MHC Paramedic Advisor for information on how their coursework will be considered in the admissions process.*
Bachelor of Science in Nursing (BScN)	Overall average of 65% and no grade lower than 50% in: • ELA 30-1 • Biology 30 • Chemistry 30 or Science 30 • Math 30-1 or Math 30-2 • One additional 30-level subject (if under 21) or CTS courses totaling at least 5 credits from the approved list on UCalgary website or Work Experience 35	Overall average of 65% and no grade lower than 50% in: • ELA 30-1 • Biology 30 • Chemistry 30 or Science 30 • Math 30-1 or Math 30-2	*Students with previous post-secondary education should meet with the MHC Nursing Advisor for information on how their coursework will be considered in the admissions process.*

Admission Requirements - Degree Completion Programs

For an explanation of Admission Routes, see page 15.

View the Provincial High School Equivalencies on our website at www.mhc.ab.ca/programs-and-admissions/admissions.

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

Program	Transfer Route *(Post-Secondary Credentials)*
Bachelor of Education - Mount Royal University	Successful completion of 60 credits of approved university transfer course work. Achieve a minimum grade of “B” in EDTS 232 and EDTS 234 and A minimum grade of C- in ENGL 202 or 203 and ENGL 252” I think the chart should have the same information, especially since it changed for Fall 2027 admission.

For an explanation of Admission Routes, see page 15.

View the Provincial High School Equivalencies on our website at www.mhc.ab.ca/programs-and-admissions/admissions.

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

Program	Transfer Route *(Post-Secondary Credentials)*
Advanced Accounting (Post-Diploma Certificate)	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 113, 213, 215 • MGMT 243, 263, 284 & 285 • MKTG 171 • FINA 255
Intermediate Accounting (Post-Diploma Certificate)	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
Marketing and Design (Post-Diploma Certificate)	• Graduate from a diploma at an accredited post-secondary institution
Post-Advanced Care Paramedic Entry - Bachelor of Applied Health Sciences	• ELA 30-1 • Advanced Care Paramedic Credential from an accredited and recognized Canadian post-secondary institution or Advanced Care Paramedic license in the student's province of residence

REGISTRATION AND RECORDS

It is important to understand the terms and timelines associated with student registration. MHC Registration Services is here to support students on their academic journey with, services such as course registration, payments, and more.

Registration Status

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

New Students

A new student is one who has never attended Medicine Hat College. New students must pay a non-refundable registration deposit to secure their seat in the program and enable them to register. This deposit must be paid which is stated in the Letter of Offer, and will be credited toward their tuition.

Returning Students

A returning student is one who is returning to Medicine Hat College after an absence of one semester or more. As with new students, returning students will need to pay a non-refundable registration deposit to secure their seat in the program and to enable them to register. This deposit must be paid in accordance with the deadline listed on the student's Letter of Offer and will be credited towards their tuition and fees.

Continuing Students

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

Full-Time Student

To be considered full-time, a student must be registered in a minimum of nine credits per study period. The standard study period at Medicine Hat College consists of the Fall (September to December) and Winter (January to April) semesters. Only three credits are required per month for the Spring (May and June) and Summer (July and August) semesters to be considered full-time. Credit loads are assigned to the semester in which the course starts.

Part-Time Student

Students registered in fewer than nine credits in Winter or Fall semesters are considered part-time students.

Selecting Courses

Students are responsible for ensuring the accuracy and completeness of their own registration. Students are advised to register early to ensure they have the courses they need and want. Students should be aware that course availability can be affected by student enrolment, lab space, studio space, lecture sizes, and classroom sizes. Students must also be aware of course prerequisites and the grades required for these prerequi-sites. Students are responsible for all fees for associated with courses in which they are registered. Registration is incom-plete 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.

Students must also be aware of course prerequisites and the minimum grade requirements for those prerequisites. Additionally, students are responsible for all fees associated with the courses in which they are registered. Registration is not considered complete until all fees have been paid in full.

All registrations are subject to cancellation if fees are not paid by the final deadline for each semester

For help selecting courses, contact an Academic Advisor:

- Main Campus: : 403.529.3819 or info@mhc.ab.ca
- Brooks Campus: 403.362.1682 or brooksinfo@mhc.ab.ca
- Or book an appointment online at www.mhc.ab.ca

Audit

Auditing a college course allows students to regularly attend a class, without seeking a course grade or earning credit. A student permitted to audit a course does so with the understanding that their participation in the course is at the discretion of the faculty.

Please NOTE:

- Not all courses are available for audit; examples include but are not limited to practicum or lab-based courses, Nursing, and Power Engineering courses
- Approval from the program coordinator may be required for registration
- Where space or equipment is limited, enrolment priority will be given to students taking the course for credit
- Audited courses follow the same add, drop and withdrawal deadlines as the credit class
- Audited courses are billed at half the MHC tuition & fees as the credit class. Any applicable industry fees charged will not be discounted
- A student transcript will reflect an "AU" mark for each successfully audited course

Registering For Courses

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

How to Register

Instructions on how for register courses will be sent to the student's mymhc.ca email account. Registrations are not accepted after the last day to add courses.

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

Course Loads

The standard course load for a full-time student during the Fall and Winter semesters is five courses per semester. While some programs may require more, students are generally discouraged from enrolling in six or more courses unless one of the following conditions is met:

- A high school average of 80% or higher in five Grade 12 matriculation subjects
- A grade point average (GPA) of 3.0 or higher at Medicine Hat College
- Written approval from the appropriate Dean or Program Coordinator

Please note that heavy course loads are a common factor in poor academic performance.

During the Spring (May–June) and Summer (July–August) sessions, students may register for a maximum of two courses per semester. These condensed courses are intensive and require a significant time commitment

Changes in Registration

Students considering changes in registration (adding, dropping or withdrawing from a course), should ask specific questions about how these changes will affect progress in the program or transferability to other institutions (especially in university transfer program). It is important to note that, if dropping or withdrawing from courses results in a semester load of less than 60%, 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 a completed Registration form to Registration Services on or before the add deadline, as indicated in the Academic Schedule. The form can be found on the college website - www.mhc.ab.ca.

Dropping a Course

Students can drop a course online through the student dashboard or by submitting a completed registration form to Registration Services on or before the drop deadline, as indicated in the Academic Schedule. Course(s) dropped before the deadline will be eligible for a refund minus the registration deposit. Dropped courses will not appear on the student transcript. The form can be found on the college website - www.mhc.ab.ca.

Please Note: Non-attendance of courses is not accepted as notice of dropping or withdrawing from a course. Failure to complete the appropriate process will affect the student's transcript and academic standing.

Withdrawing from a Course

Students may withdraw from course by submitting a completed Registration form to Registration Services on or before the withdrawal deadline, as indicated in the Academic Schedule. The course will be issued a "W" grade which will appear on the transcript. The "W" grade is not calculated into the students grade point average. This form can be found on the college website: www.mhc.ab.ca

Withdrawal from the College

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

Please NOTE: If students initiate the withdrawal process after the drop deadline for the semester, a "W" will be recorded on the transcript for all registered courses.

Late Withdrawal

Withdrawal requests submitted after the course withdrawal deadline are classified as late. These requests can be made for medical or compassionate reasons and are considered on a case-by-case basis.

Late withdrawal requests must be initiated by the student and supported with appropriate documentation. The request must be submitted to RegistrarsOffice@mhc.ab.ca prior to final grading of the course. For medical-based withdrawal requests, the documentation should include:

- the date and time of the illness,
- a general description of the illness, and
- an explanation of how the illness has impacted academic performance.

If approved, the student will receive a grade of "W" on their transcript. Please note that inability to achieve a high or passing grade does not qualify as grounds for a late withdrawal.

Required Withdrawal

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

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 their initial application through to graduation. Records staff process information on student academic records, such as final grades, academic standing, applying to graduate and name/address changes. Records also handles the creation of parchments, grade statements and official transcripts.

Student Records Management

A student's 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, student data is not released to third parties. Personal information may only be released with written permission from the student or in the case of emergency. Relevant information may be released to appropriate government agencies upon request.

Students can find more information on the Medicine Hat College POPA 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.

Transcripts

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

Current students can also receive an unofficial transcript by logging onto the student portal and clicking on the unofficial transcript section. For official transcripts, current students can access and complete the transcript request form through the Student Dashboard

Former students can request an official transcript, by completing the Transcript Request From available on the Forms page of the Medicine Hat College website (www.mhc.ab.ca). Please submit the completed and signed form by email to transcripts@mhc.ab.ca.

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

Records Withheld

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

TRANSFER CREDIT AND PRIOR LEARNING ASSESSMENT AND RECOGNITION

Transfer Credit and Prior Learning Assessment and Recognition

Recognition for previous learning completed outside of Medicine Hat College 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 current credential granting 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. **A student must be admitted to the College in a credential granting program to be considered for transfer credit or PLAR.**

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 eligible for transfer credit. A minimum grade of C- or higher in the courses for which transfer credit is sought is required; some courses or programs may require a higher grade (refer to the course and program descriptions sections of the calendar for further information).

Transfer Services automatically assesses courses for transfer credit when a student is admitted to the College and upon receipt of official transcripts from prior postsecondary institutions. Alternatively, 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 be on file.

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. Transfer Alberta is the basis for assessment for courses completed in Alberta. 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 semester in which the course was completed. Any transfer credits awarded are recorded on the student's Medicine Hat College transcript.

Transfer Credit Exceptions

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

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

Transfer Alberta

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

Transferring to Other Institutions

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

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

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

Admission as a Transfer Student to Other Institutions

Medicine Hat College students 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 may not be sufficient for 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.

Obtaining a Letter of Permission

If a student intends to complete a course through another post-secondary institution while enrolled at Medicine Hat College, and they want to use the course for credit towards their program, the student will need to obtain prior approval. A Letter of Permission form is available from the Registrar's Office and on the website. After the student has completed the course, it is their responsibility to ensure their transcripts are sent to Medicine Hat College and they initiate the process for obtaining transfer credit by sending an email to transfer@mhc.ab.ca.

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.

- **Evidence Files:** Written summary of learning gained from informal and/or non-formal learning experiences.
- **Challenge Exams:** Tests 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 express purpose of assessing an individual's ability to meet learning outcome skills of a Medicine Hat College course.
- **Structured Oral Test or Interview:** Candidates respond to predetermined questions 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 knowledge to earn post-secondary credit.

PLAR is on a per course basis, is a modified version of the course, and the student will be charged half tuition for the course.

The Prior Learning Assessment and Recognition (PLAR) Process

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

If it is determined that PLAR may be a possibility for the student, Transfer Services will contact the relevant Program Coordinator to identify the appropriate PLAR Assessor. Transfer Services will discuss the PLAR with the Assessor to ensure adequate rationale to support and inform the PLAR was collected. This may include an initial screening form provided to the student to complete and submit to the College.

Transfer Services will arrange a meeting 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. Both the student and the Assessor will complete the PLAR application and submit it to Transfer Services at this time.

Transfer Services ensures the appropriate signatures are obtained, the registration process is completed, and the appropriate fees are assessed. Both the PLAR Assessor and the student are notified once this is complete; 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.

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.

2026/2027

Canadian, Permanent Resident and Refugee Status Students					
Credits	Tuition	Athletic & Recreation Fee	Student Supports Fee	Student Association Fee	Total Fees
1.0	$160.46	$9.30	$10.70	$8.60	$189.06
3.0	$481.38	$27.90	$32.10	$25.80	$567.18
Visa Students					
Credits	Tuition	Athletic & Recreation Fee	Student Supports Fee	Student Association Fee	Total Fees
1.0	$513.48	$9.30	$10.70	$8.60	$542.08
3.0	$1,540.44	$27.90	$32.10	$25.80	$1,626.24

Pharmacy Technician Tuition and Fees 2026/2027

Canadian, Permanent Resident and Refugee Status Students					
Credits	Tuition	Athletic & Recreation Fee	Student Supports Fee	Student Association Fee	Total Fees
1.0	$204.00	$9.30	$10.70	$8.60	$232.60
3.0	$612.00	$27.90	$32.10	$25.80	$697.80
Visa Students					
Credits	Tuition	Athletic & Recreation Fee	Student Supports Fee	Student Association Fee	Total Fees
1.0	$652.80	$9.30	$10.70	$8.60	$681.40
3.0	$1,958.40	$27.90	$32.10	$25.80	$2,044.20

Projected Fees

Projected Student Fees - Canadian, Permanent Resident & Refugee Status Students (Excluding Student Association Fees)			
Fees per 3-credit course	**2027/2028**	**2028/2029**	**2029/2030**
Tuition	$491.02	$500.84	$510.86
Athletic & Recreation Fee	$28.46	$29.03	$29.61
Student Support Fee	$32.74	$33.39	$34.06
Total	$552.22	$563.26	$574.53

Projected Student Fees - International Students (Excluding Student Association Fees)			
Fees per 3-credit course	**2027/2028**	**2028/2029**	**2029/2030**
Tuition	$1,571.25	$1,602.68	$1,634.73
Athletic & Recreation Fee	$28.46	$29.03	$29.61
Student Support Fee	$32.74	$33.39	$34.06
Total	$1,632.45	$1,665.10	$1,698.40

Mount Royal University Degree Partnership
Tuition and Fees for Years Three & Four
2026/2027

Canadian, Permanent Resident & Refugee Status Students					
Credits	**Tuition**	**Athletic & Recreation Fee**	**Student Supports Fee**	**Student Association Fee**	**Total Fees**
1.0	$ 234.66	$ 9.30	$ 10.70	$ 8.60	$263.26
3.0	$ 703.98	$ 27.90	$ 32.10	$25.80	$789.78

Visa Students					
Credits	**Tuition**	**Athletic & Recreation Fee**	**Student Supports Fee**	**Student Association Fee**	**Total Fees**
1.0	$ 809.00	$9.30	$10.70	$ 8.60	$837.60
3.0	$2,427.00	$27.90	$32.10	$25.80	$2,512.80

Mandatory Student Fees

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

Application

An application fee is required when students apply to Medicine Hat College. Please refer to www.mhc.ab.ca for details.

Apprenticeship

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

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

Athletics & Recreation

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

Ancillary Course

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

Health and Dental Plan

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

Students who begin their studies in September will be charged the full amount for 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 pro-ration for dental coverage fees.

Students who already have an equivalent extended health and dental plan may opt out of the SAMHC Health and/or Dental plan by providing Proof of Coverage (POC) information and by completing a waiver form before the opt out deadline. Students can also enroll their spouse and/or dependents by completing an enrolment process and paying an additional fee over and above the mandatory fee (deadlines apply). The SAMHC Extended Health and Dental plan is not available to students who are registered only in the Spring/Summer sessions. For further information such as Plan details, POC details, or to opt out online (deadlines apply) please visit www.samhc.ca.

International Health and Dental Plan

International Education administers international health insurance coverage for international students enrolled at MHC, and for MHC students traveling 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.

Students' Association

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

Student Support

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

Tuition

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.

Tuition Deposit

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

Other Student Fees

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

Books

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

Breakage

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

Formal Grade Appeal

If an informal grade appeal is unsuccessful, a student may request a formal grade appeal to reappraise a mark. The fee

for this appeal is required in advance and will be refunded to the student if the appeal is successful. For further details regarding this process refer to the Grade Appeal Process section of the academic calendar.

Laptop Rental
Students may rent a laptop (per semester) from Information Technology Services inside the Library. Students can contact Registration Services to arrange payment. Proof of payment is taken to ITS where the student will sign a release form and pick up the equipment. For further information on this program, please contact Technology Support at itsupport@mhc.ab.ca.

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

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

Prior Learning Assessment and Recognition (PLAR)
A student will be assessed 50% of the course tuition and fees when being assessed for PLAR. Details regarding this process can be found in the Transfer Credit and Prior Learning Assessment and Recognition section of the academic calendar.

Residence
A non-refundable application fee is required with every application for Student Residence. Once a student is admitted to Student Residence, a security deposit is required to hold their space, payable immediately and refundable at the end of the rental agreement, pending the condition of the unit and any outstanding charges. Residence fees are due on August 1 for the Fall semester, December 1 for the Winter semester, April 1 for the Spring semester and June 1 for the Summer semester.

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

Tuition Payment Plan
Students requesting a tuition payment plan are assessed a non-refundable fee due with the initial payment prior to the semester fee payment deadline.

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

When to Pay
All tuition and fees are due by the end of Registration office-hours on the published tuition and fees deadline date for each registered semester as listed in the Academic Schedule.

How to Pay
Payment options for tuition and fees are listed on the Payment Options page of the Medicine Hat College website. Options may change throughout the year to provide additional choices for students and to increase the ease of payment.

Student Loans
Student Financial Aid & Awards will request any outstanding tuition and fees prior to the start of each semester on behalf of students approved for financial aid from a provincial student aid program. Students are responsible for ensuring they have sufficient funding in place prior to the published semester fee deadline. Students are responsible for understanding the terms of their funding agreement. The Student Financial Aid & Awards office is available to assist students with all aspects of their student funding.

Sponsorships & External Funding
Students seeking sponsorship (e.g. through Indigenous or community funding agencies, WCB, Veteran Affairs, or an employer) must contact their sponsoring agency to confirm application deadlines and ensure approval is received before Medicine Hat College payment deadlines. Once sponsorship is confirmed, students must submit a letter from the funding agency to Financial Aid. This letter should clearly outline the costs the sponsor will cover and must be received by the published semester fee deadline.

Tuition Payment Plans
Students are encouraged to explore all available funding options. Those who are unable to secure appropriate external funding may request a tuition payment plan by submitting an online request through the Medicine Hat College Student Financial Aid website. Tuition payment plans are not offered for Spring or Summer semesters

Note: Tuition payment plan requests are not a replacement for pursuing external funding. First year international students are not eligible for tuition payment plans.

Nonpayment of Tuition and Fees
Failure to pay or to make suitable arrangements for payment by published semester deadlines will result in the student being deregistered from classes and removed from the official class roster.. If students are not on the official class roster, they will not be permitted to attend classes or to write examinations and the Registrar's Office will not accept their final grades. Students wishing to return are required to re-apply and pay the application fee for the next intake for that program. No refunds will be issued for partial payments.

Refunds

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

Courses dropped after the course drop deadline will be considered a withdrawal and will not be issued a refund.

Fraudulent Payments

The college reserves the right to deny or revoke admission to any applicant or student who is found to have submitted a fraudulent payment in connection with their application, tuition, fees or any other institutional transaction.

ACADEMIC REGULATIONS AND POLICIES

Academic Regulations and Policies

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

Course Outline

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

Exams

Students are responsible for being available for all scheduled exams, including exams scheduled on the final day of the final exam period. Students requiring exam accommodation are responsible for making the necessary arrangements before the exam date.

Students who have an exam conflict (three exams in one day or two exams scheduled at the same time) must notify their instructor(s) as soon as possible so alternate arrangements can be considered.

Exam Regulations

Students must arrive on time, follow the instructions of the instructor or invigilator, and comply with all exam requirements. Students may not enter an exam room more than 30 minutes after the scheduled start time or leave during the first 30 minutes of an exam.

Unless authorized by the instructor, students may not bring unauthorized materials or devices into the exam room. Electronic devices and personal belongings must be stored as directed.

Talking during exams is prohibited. Breaks, including washroom breaks, require instructor approval.

Failure to comply with exam regulations may be addressed under the College's student conduct and academic integrity processes.

Exam Deferrals

A deferral is approved permission to write a scheduled exam at a later date when serious or unforeseen circumstances prevent attendance at the original sitting. Students who are unable to write an exam for valid reasons may request a deferral. Valid reasons include:

- Bereavement
- Personal illness or injury
- Religious observance
- Domestic affliction
- Circumstances requiring accommodation under the Alberta Human Rights Act

Non-Final Exams

Requests for deferral of a non-final exam must be submitted to the instructor and supported by appropriate documentation before the exam date. When unforeseen circumstances prevent attendance, students must notify the instructor within 24 hours of the missed exam and may be required to provide supporting documentation.

Final Exams

Requests for deferral of a final exam must be submitted to both the instructor and the dean with supporting documentation. Approval of final exam deferrals rests with the dean.

Students unable to attend a final exam due to unforeseen circumstances must notify both their instructor and dean within 24 hours and may be required to provide supporting documentation.

Where possible, deferral requests should be submitted at least two weeks before the exam date. Requests related to bereavement, illness, or injury should be submitted as soon as reasonably possible.

Exam Retakes

Exam retakes are not permitted except where required through an approved grade appeal process. Any exam authorized through a grade appeal process will be administered in a manner that maintains the integrity and academic standards of the original exam.

Additional Information

For complete information regarding exam expectations, academic integrity, student rights and responsibilities, and related processes, please consult the Student Rights and Responsibilities Policy (SD 1.0), Academic Misconduct Procedure (SD 1.1) and the Exam Integrity Procedure (SD 1.3), available on the College website - https://www.mhc.ab.ca/about-mhc/admin-governance/policies-procedures

Academic Grading System

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

Other Grade Symbols

AC	Advanced Credit
CR	Credit Awarded (Pass)
IC	Incomplete
NC	No Credit Awarded (Failure) No grade point value assigned
PL	Prior Learning Credit
RW	Required Withdrawal
TR	Transfer Credit
W	Withdrawal

Withdrawal Grade

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

Incomplete Grades

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

Required Withdrawal Grade (RW)

The RW grade is assigned when the institution requires a student to be withdrawn from a course before completing required outcomes. Reasons may include:

- Academic or non academic misconduct
- Health or safety concerns in practicum, field placement, or lab settings
- Professional conduct concerns
- Breaches of program specific attendance or conduct requirements

Please Note: RW grades cannot be replaced by a student-initiated "W", are not eligible for refunds, and are included in grade point average calculations.

Special Grading Conditions

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

Release of Final Grades

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

Students are allowed up to three attempts to achieve a passing grade in any Medicine Hat College course. A fourth attempt requires permission from the Dean or their designate. A period of one academic year must pass before permission is granted for a fourth attempt. It's important to note that all graded course attempts, including those with a W grade, are included in the repetition count.

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

Reassessment of Grades

Key Points to Consider:

- Faculty Rights and Responsibilities: Faculty members are obligated to furnish course outlines, conduct thorough assessments, and assign grades promptly. It is assumed that the initially assigned grades are accurate. If you decide to challenge a grade, the burden of proof lies with the student to demonstrate any inaccuracies.
- Finality of Grades: Unless there are compelling reasons like instructor or clerical errors, bias, or arbitrary grading,

the grade given by the instructor is considered final. Recognizing the subjective nature of many courses, where diverse perspectives exist, it is crucial to understand that differing opinions among students, faculty, authors, and experts are normal.
- Respect and Dignity: Both faculty and students must maintain a respectful environment. Any conflicts should be addressed following the Respectful Work and Learning Environment Policy.
- Grade Changes: Only the instructor who assigned the grade or the Dean, based on a formal grade appeal, has the authority to change a grade.

Grade Appeals

Students may appeal a final grade in accordance with the Student Rights and Responsibilities Policy (SD 1.0) and the Grade Appeals Procedure (SD 1.4). An administrative fee may be required as part of the formal appeal process. Information about grounds for appeal, timelines, documentation requirements, and the appeal process is available on the Medicine Hat College website - https://www.mhc.ab.ca/about-mhc/admin-governance/policies-procedures

Academic Standing

Academic Standing refers to a student's position or status in their academic program, determined by their academic performance and achievement. It is awarded based on the student's grade point average (GPA), calculated to two decimal points. Please NOTE: The GPA will not be rounded up.

Honours with Excellence

Honours with Excellence standing is awarded when a student has earned a semester GPA of 3.9 or above. A full-time credit load is required for the assessed semester with no incomplete (IC) grades assigned.

Honours

Honours standing is awarded when a student has earned a semester GPA of 3.5 or above. An incomplete (IC) grade for the assessed semester is not allowed.

Good

Good standing is awarded when a student has earned a semester GPA of 1.7 - 3.49.

Academic Warning

Academic Warning occurs when a student with 6 or more credits has a semester GPA below the institutional minimum of 1.7.
- students on Academic Warning will be sent a letter from the Registrar outlining the possibility of academic dismissal at the end of the next semester.
- Academic Warning can lead to academic dismissal.
- students are strongly recommended to contact an Academic Advisor and other student supports for improvement strategies
- a student may be subject to program specific academic warning or dismissal policies that supersede the institutional standard. Please refer to the appropriate program section within the calendar.

Academic Dismissal

Academic dismissal occurs when the student's GPA remains below 1.7 for two consecutive semesters with 6 or more credits.

Students on academic dismissal will be sent a letter from the Registrar and dismissed for one academic year if:
- students are on academic warning from the most current semester in which they completed 6 or more credits; and
- student GPA remains less than 1.7 at the end of the next semester of 6 or more credits.

This results in:
- the addition of the "Academic Dismissal" designation to the students academic record
- the student being removed from all future classes
- the student being withdrawn from the program
- the student not being eligible for re-admission for a minimum of one academic year.

Note: A student may be subject to program specific dismissal policies that supersede the institutional standard. Please refer to the appropriate program section within the calendar.

Request for Reinstatement

A student may submit a written reinstatement request to their Associate Dean via email within five business days of the date on the academic dismissal letter. The reinstatement request must:
- explain the circumstances that led to a GPA below 1.7
- demonstrate steps that will be taken to address those issues and improve academic standing
- describe the student's future academic goals and provide a detailed plan to achieve them.

The Associate Dean will review the submission and book a meeting with the student. This meeting is mandatory. **Failure to attend this meeting will result in automatic denial of reinstatement.**
- the Associate Dean may consult faculty and/or staff to gather further information relevant to the request
- the Associate Dean will present a recommendation to the Registrar
- the Registrar will determine reinstatement
- the student will be notified of the decision in writing
- the Registrar's decision is final and will be indicated on the student transcript.

If reinstatement is approved:
- the student will be responsible for re-registering in classes. Specific class availability is not guaranteed
- accessing student support services is strongly encouraged.

If reinstatement is denied:
- the student will remain dismissed and cannot attend Medicine Hat College credit programming for one academic year

- reapplication to Medicine Hat College can occur at any time, but attendance can only occur after the dismissal period
- Medicine Hat College reserves the right to refuse readmission

Student Rights and Responsibilities

Medicine Hat College is committed to providing a respectful, safe, inclusive, and supportive learning environment. Students enrolled at the College have rights and responsibilities that are established through college policies, procedures, academic regulations, and other applicable requirements.

Students are responsible for familiarizing themselves with and adhering to the policies and procedures that apply to their studies and conduct. These include requirements related to academic matters, student conduct, privacy and access to student records, course expectations and assessment, program progression and completion, and reviews and appeals.

Students are encouraged to review the current College policies and procedures available through the Medicine Hat College website. Where a student believes that a college policy, procedure, or their rights as a student have not been appropriately applied, concerns may be addressed through the applicable College review, appeal, complaint, or resolution process.

College policies and procedures, as amended from time to time, govern in the event of a difference between the general information contained in this Calendar and an applicable College policy or procedure.

Student Academic Misconduct

Medicine Hat College is committed to maintaining a learning environment founded on honesty, responsibility, and academic integrity. Students are expected to conduct their academic work ethically and to avoid behaviours that compromise academic integrity, including plagiarism, cheating, inappropriate collaboration, fabrication or falsification of information, and other forms of academic misconduct.

Students are responsible for understanding and meeting the College's expectations for academic integrity. For definitions, student and instructor responsibilities, processes, consequences, and appeal provisions, refer to the Student Rights and Responsibilities Policy (SD 1.0) and Academic Misconduct Procedure (SD 1.1) on the Medicine Hat College website - https://www.mhc.ab.ca/about-mhc/admin-governance/policies-procedures

Student Non-Academic Misconduct

Medicine Hat College's Non-Academic Misconduct Procedure (SD 1.5) under the Student Rights & Responsibilities Policy (SD 1.0) outlines the rights, responsibilities, and standards of conduct expected of students. Students are expected to contribute to a safe, respectful, and inclusive learning environment and to comply with College policies and procedures. Conduct that does not meet these expectations may result in sanctions, up to and including dismissal or expulsion from the College. Conduct that may constitute a criminal offence will be referred to the appropriate authorities.

The full policy and procedure can be found on Medicine Hat College's website at https://www.mhc.ab.ca/en/about-mhc/admin-governance/policies-procedures

CONVOCATION

It is time to celebrate academic success and confer academic credentials to graduating students!

What Is The Difference Between Graduation And Convocation?

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

Graduation

General Graduation Requirements

Parchments

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

Residency Requirements

To receive a Medicine Hat College credential, students, including those who transfer from other institutions must complete a minimum of 50 percent of the course content at Medicine Hat College.

Application to Graduate

Near the end of their program, students must complete an Application to Graduate form to start the graduation process and receive their parchment, whether they are attending the convocation ceremony or not. This form can be found online through the Student Dashboard.

Confirmation of Graduation Letter

This letter serves as official confrimation that a student has met all graduation requirements. It is issued only after:

- All final grades have been posted, and
- The Application to Graduate has been completed (available through the Student Dashboard)

The Confirmation of Graduation Letter is **not** a substitute for an official transcript of parchment. It is primarily used to support post-graduation work permit applications for international students.

Medicine Hat College uses the MyCreds platform to securely issue, exchange, and verify official digital documents, including Confirmation of Graduation letters. A fee is required to access this document via MyCreds.

Convocation

Convocation Eligibility

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

Attending the Convocation Ceremony

Medicine Hat College offers Convocation ceremonies annually in June. Students who plan to attend the convocation ceremony must complete the Application to Attend Convocation form available on the Student Dashboard. There is a fee payable at the time of submission. Students will not be added to the official Convocation list, and a gown will not be reserved unless this application is completed and paid.

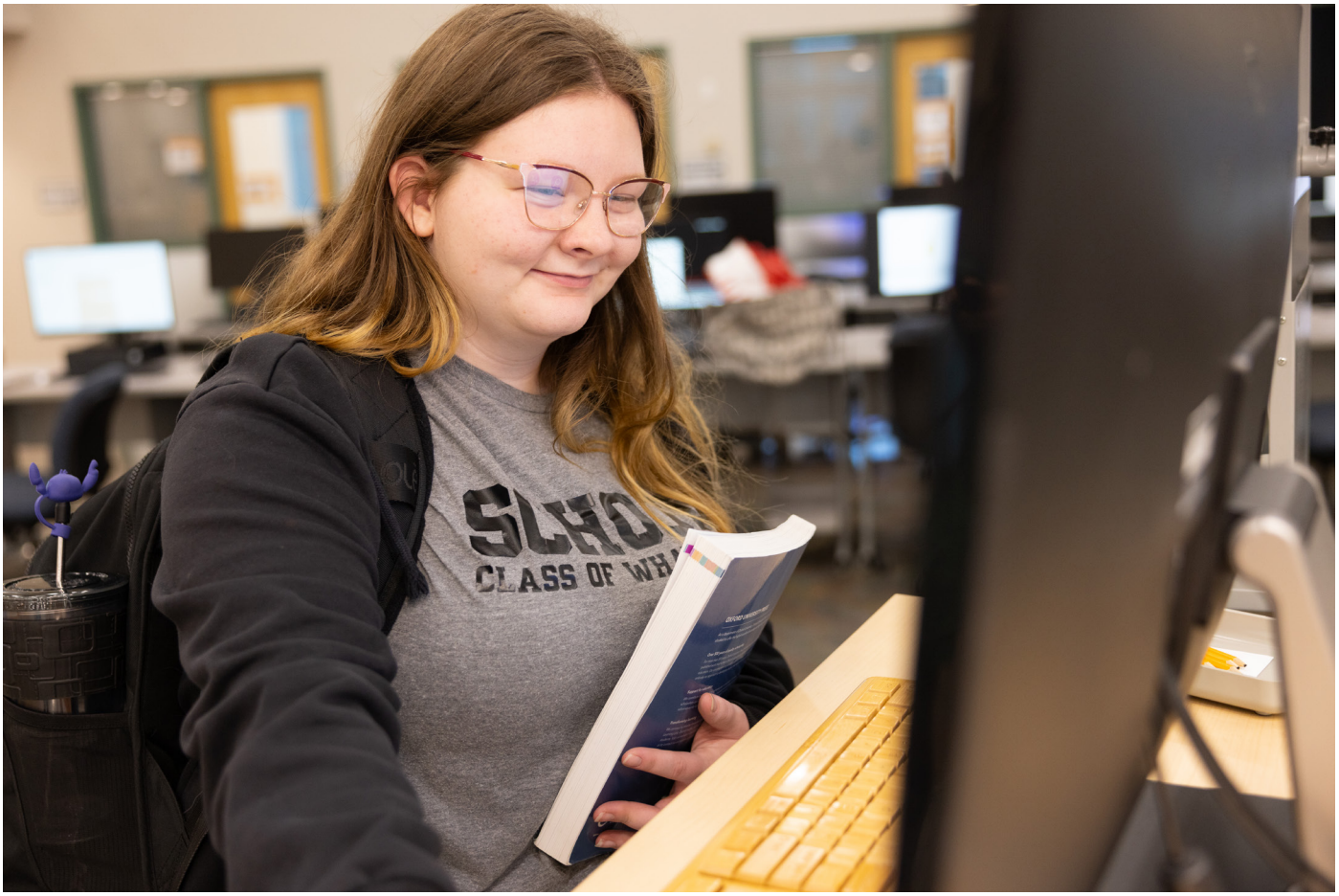
Convocation Dates

For Convocation dates and application deadlines, please see the Academic Schedule. Additional information can be found at www.mhc.ab.ca/student-life/convocation.

Honorary Degrees

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

PROGRAMS



Academic Upgrading

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

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

Coulee Collegiate (CC)

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

More information about CC can be found on their website – couleecollegiate.myprps.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: corry.mortensen@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.

Addictions Counselling Diploma

Program Length: 2 years
Intake: Fall

Program Description

The journey to recovery from addiction requires the support of trained counsellors who understand neurological reward systems, the importance of community supports, and Indigenous ways of healing. The two-year Addictions Counselling Diploma program prepares learners for a career in the addiction field. This program integrates theory and practical skills in assessment, treatment, prevention, and relapse so that learners are equipped to work in counselling settings with individuals, families, groups, and communities.

Medicine Hat College's Addictions Counselling diploma program is recognized by the Canadian Addiction Counsellors Certification Federation (CACCF) as a provider of approved post-secondary education in the field of Addiction Counselling, effective November 7, 2025 to November 7, 2030.

Career Opportunities

- Senior Centres
- Addiction Services
- Schools
- Government Organizations

Industry Credentials

Upon completing the diploma, students can start applying for the Certified Addictions Counselling Certification (CACC) through the Canadian Addiction Counsellors Certification Federation (CACCF).

Admission Requirements

High School Route

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

Mature Route

Same requirements as high school route.

Transfer/Post-Secondary Route

Not applicable.

Additional Selection Criteria

Because of the nature of the program, it is suggested students should be one year free from substance use disorder (in full recovery) to enroll. Additionally, students are expected to maintain full recovery for the duration of the program.

Post-Admission Requirements

Not applicable.

Program Outline

Year One - Semester 1

ADDC	110	Introduction to Addictions	3 CR
ADDC	120	Introduction to Counselling	3 CR
IDST	100	Introductory Communications for Helping Professionals	4 CR
PSYC	200	Introduction to Psychology I - Natural Science	3 CR

One of:

ENGL	125	Introductory Report Writing and Speech	3 CR
ENGL	252	Introductory Composition	3 CR

Year One - Semester 2

ADDC	130	Assessment of Addiction	3 CR
ADDC	140	Counselling Theories and Approaches	3 CR
ANTH	213	Contemporary Indigenous Issues in Canada	3 CR
ENGL	203	Identity and Invention: An Introduction to Literature	3 CR
SOCI	201	Introductory Sociology	3 CR

Year Two - Semester 3

ADDC	150	Prevention and Relapse	3 CR
ADDC	160	Suicide and Mental Health	3 CR
ADDC	170	Pharmacology of Addictions	3 CR
ADDC	180	Indigenous Ways of Healing	3 CR
PHIL	248	Ethics in the Workplace	3 CR

Year Two - Semester 4

IDST	250	Conflict Management and Crisis Intervention in the Helping Professions	3 CR
IDST	260	Personal Health and Wellness	3 CR
IDST	270	Leadership in Helping Professions	3 CR
ADDC	190	Addictions Counselling with Families	3 CR
ADDC	195	Addictions Counselling with Groups	3 CR

Year Two - Semester 5

ADDC	250	Practicum	7.5 CR

Practicum/Fieldwork

To obtain the diploma Addictions Counselling students must successfully complete a 300-hour practicum.

The practicum placement enables students to integrate knowledge gained from courses, life, and professional experiences. Students develop practical skills and confidence working in addiction services agencies. The challenges that clients experience and the issues that tend to impact Indigenous clients are emphasized. Self-care and stress management are examined.

Practicum agencies may require a Police Information Check and an Alberta Children's Services Intervention Record Check of students placed in their organizations. The inability to present clear checks may prevent a student from completing the program requirements. Contact the Program Coordinator for further information.

The program uses the Canon of Ethics of the Canadian Addiction Counselling Certification Federation (CACCF) as a measure of professional behaviour and suitability.

Program Progression

In order to continue in the program, a minimum cumulative grade point average of 2.0 is required at the end of each semester.

Students that do not meet one or any of the continuation requirements will be given an academic warning within the addictions counselling program. If students do not meet the requirements for a second time, they will receive a program dismissal from the addictions counselling program and will be required to withdraw from the addictions counselling program. Students required to withdraw from the addictions counselling program may still be eligible to attend Medicine Hat College and pursue other programs of interest by applying to the program of choice and meeting the entrance and competitive requirements. Students that are dismissed from the addictions counselling program once are dismissed for one academic year.

While the college and program will endeavor to inform students of their academic status in a timely manner, students are responsible for monitoring their own academic program.

Graduation Requirements

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

Transfer & Pathways

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

Administrative Office Management Diploma

Program Length: 2 years
Intake: Fall

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

Career Opportunities
- Legal offices
- Businesses
- Banking
- Agriculture

Industry Credentials
Not applicable.

Admission Requirements
High School Route
- ELA 30-1 or ELA 30-2
- Math 10C

Mature Route
Same requirements as high school route.

Transfer/Post-Secondary Route
Completion of a one-year Administrative Office Professional certificate program.

Additional Selection Criteria
Not applicable.

Post-Admission Requirements
Not applicable.

Program Outline
Year one of the Administrative Office Management diploma is the same as completion of the Administrative Office Professional certificate.

Year One - Semester 1

APRO	108	Keyboarding & Digital Design Fundamentals I	3 CR
APRO	125	Office Communications I	3 CR
APRO	135	Advanced Word & PowerPoint	4 CR
APRO	140	Bookkeeping I	3 CR
APRO	167	Office Relations	3 CR

Year One - Semester 2

APRO	109	Keyboarding & Digital Design Fundamentals II	3 CR
APRO	137	Advanced Excel	4 CR
APRO	145	Bookkeeping II	4 CR
APRO	155	Office Communications II	3 CR
APRO	190	Work Experience	4 CR
APRO	210	Payroll Compliance Legislation	3 CR

Year Two - Semester 3

APRO	200	Payroll Fundamentals I	3 CR
MGMT	161	Management Theory	3 CR
MGMT	220	Project Management	3 CR
MGMT	243	Human Resources	3 CR
MKTG	171	Marketing	3 CR

Year Two - Semester 4

APRO	220	Payroll Fundamentals II	3 CR
MGMT	263	Organizational Behaviour	3 CR
MGMT	267	Leadership Development	3 CR
MKTG	251	Digital Design for Marketing	3 CR
BUSI	XXX	Business Elective	3 CR

Approved Business Electives
COMM 250, MGMT 395, MKTG 345

Year Two - Semester 5

OMGT	235	Work Experience	6 CR

Practicum/Fieldwork
Students complete a supervised work placement in a professional office environment, applying the administrative and management skills developed throughout the Administrative Office Management Diploma. This practicum provides the opportunity to integrate classroom learning with a professional workplace experience.

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

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

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

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

Athabasca University
Graduates may be eligible to receive up to 60 credits into the Bachelor of Professional Arts, various majors. Contact an Athabasca Univeristy Academic Advisor for further information.

Royal Roads University
Graduates are eligible to enter the third year of the Bachelor of Business Administration in Innovation and Sustainability. Students must present a minimum 3.0 GPA (B grade) and meet all other admission criteria. Contact a Royal Roads University Academic Advisor for further information.

Program Length: 1 year
Intake: Fall

Program Description

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

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

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

Career Opportunities

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

- Real Estate
- Business
- Medical
- Government

Industry Credentials

Not applicable.

Admission Requirements

High School Route

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

Mature Route

Same as high school route.

Transfer/Post-Secondary Route

Not applicable.

Additional Selection Criteria

Not applicable.

Post-Admission Requirements

Not applicable.

Program Outline

Year One - Semester 1

APRO	108	Keyboarding & Digital Design Fundamentals I	3 CR
APRO	125	Office Communications I	3 CR
APRO	135	Advanced Word & PowerPoint	4 CR
APRO	140	Bookkeeping I	3 CR
APRO	167	Office Relations	3 CR

Year One - Semester 2

APRO	109	Keyboarding & Digital Design Fundamentals II	3 CR
APRO	137	Advanced Excel	4 CR
APRO	145	Bookkeeping II	4 CR
APRO	155	Office Communications II	3 CR
APRO	190	Work Experience	4 CR
APRO	210	Payroll Compliance Legislation	3 CR

Practicum/Fieldwork

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

Program Progression

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

Graduation Requirements

To successfully complete this program students must:

- attain a minimum cumulative GPA of 2.0

Transfer & Pathways

Medicine Hat College

After completing the Administrative Office Professional certificate program, students may enter the workforce, or, if they wish to increase their advancement opportunities and work responsibilities, they may consider taking the second year of the Administrative Office Management Diploma.

Advanced Accounting Post-Diploma Certificate

Program Length: 1 year
Intake: Fall

Program Description

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.

Career Opportunities

- Accounting Technician
- Bookkeeper
- CPA Articulating Student
- Accounts Payable or Receivable Clerk

Industry Credentials

Not applicable.

Admission Requirements

High School Route

Not applicable.

Mature Route

Not applicable.

Transfer/Post-Secondary Route

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 113, ACCT 211, ACCT 213, ACCT 215, MGMT 243, MGMT 263, MGMT 284, MGMT 285, FINA 255, MKTG 171

Additional Selection Criteria

Not applicable.

Post-Admission Requirements

Not applicable.

Program Outline

Year One - Semester 1

ACCT	328	Management Accounting II	3 CR
ACCT	428	Introduction to Personal & Corporate Income Tax	3 CR
ACCT	431	Advanced Financial Accounting	3 CR
MGMT	326	Management Information Systems	3 CR
MGMT	440	Operations Management	3 CR

Year One - Semester 2

ACCT	422	Principles of Auditing	3 CR
ACCT	432	Advanced Managerial Accounting	3 CR
MGMT	433	Strategic Management	3 CR
ACCT	390	Work Integrated Learning	6 CR

Year One - Semester 3

MGMT	336	Data Analytics and Information systems	3 CR

Practicum/Fieldwork

This certificate includes a work integrated learning course that provides students with a hands-on learning opportunity where theory and practice are integrated.

Program Progression

Must have a minimum of a “C-” grade in all courses.

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.

Transfer & Pathways

College of the Rockies

Graduates are eligible to receive block transfer of 60 credits into third year of the Bachelor of Business Administration in Sustainable Business Practices. Graduates must have completed specific courses and have a 2.3 GPA (C+) with a minimum C grade in transferred courses. Contact a College of the Rockies Academic Advisor for further information.

Apprenticeship is post-secondary education that blends hands-on work experience with classroom learning. The Government of Alberta manages Apprenticeship Education Programs through Apprenticeship and Industry Training (AIT). Successful completion of the apprenticeship program will earn a post-secondary credential, in addition to becoming a journeyperson. Contact Information:

Alberta Apprenticeship and Industry Training
3021 Dunmore Rd SE
MEDICINE HAT, AB T1B 2H2
Phone: 1.800.248.4823
tradesecrets.alberta.ca

The following information is drawn from the AIT website https://tradesecrets.alberta.ca/

*Please note, the 1st year of classroom instruction 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, students must meet the Apprenticeship Eligibility Policy set by Apprenticeship and Industry Training.

Students must present a transcript of their school marks to the local apprentice office when they apply for apprenticeship. An entrance examination must be written if a school transcript is not available.

Students must find suitable employment with an employer who is a journeyman or employs a journeyman in the trade of their choice.

Once employed, apprenticeship application forms must be signed by the student and their employer. These forms are available from the AIT regional offices.

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

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

Out of province students must contact a provincial Apprenticeship Office.

PROGRAMS	RECOMMENDED PATH Alberta High School Diploma with:	MINIMUM REQUIREMENTS Successful Completion of:
CATEGORY A • Carpenter • Welder	• English 30-2 • Math 30-3 • Physics 20 OR Chemistry 20 OR Science 20 • Related Career and Technology Studies (CTS) courses	• English 10-2 • Math 10-3 or • A pass mark in all five Canadian (GED) tests or Canadian Adult Education Credential (CAEC) tests or • Entrance Exam
CATEGORY B • Automotive Service Technician • Electrician • Gasfitter (1st year only) • Heavy Equipment Technician • Plumber • Sprinkler Systems Installer (1st year only) • Steamfitter-Pipefitter	• English 30-2 • Math 30-3 • Physics 30 OR Chemistry 30 OR Science 30 • Related Career and Technology Studies (CTS) courses	• English 20-2 • Math 20-3 • Science 10 or • A pass mark in all five Canadian (GED) tests or Canadian Adult Education Credential (CAEC) tests or • Entrance Exam

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%)
- reach their date of expected completion
- submit updated record book to AIT

The employer/sponsor must:

- update the apprentice's record book, recording the on-the-job training provided, hours worked, type of work performed and evaluate the apprentice

Program Progression

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 Grading System (see the 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.

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
8	$1,073.36	$92.24	$90.30	$1,255.90
9	$1,207.53	$92.24	$103.20	$1,402.97
10	$1,341.70	$92.24	$116.10	$1,550.04
12	$1,610.04	$92.24	$129.00	$1,831.28

Please NOTE: Books and supplies are not included and vary by each trade.

Funding

Detailed financial assistance information for apprentices can be found at tradesecrets.alberta.ca

The following information was copied from the Tradesecrets website. For complete information on each of the available programs, please visit the Tradesecrets website.

AUTOMOTIVE SERVICE TECHNICIAN

The term of apprenticeship for an automotive service technician is 4 years (four 12-month periods) including a minimum of 1530 hours of on-the-job training and 9 weeks of technical training each year.

Please see Admission Requirements on page 53.

Career Opportunities

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

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

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

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

Automotive service technicians are employed by automotive repair shops, specialty repair shops, service facilities, car and truck dealerships, and large organizations that own fleets of vehicles.

Experienced automotive service technicians may advance to service manager or shop foreman positions. Some automotive service technicians open their own repair facilities.

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

Automotive Service Technicians need:

- good hearing, eyesight, and manual dexterity
- mechanical aptitude and interest
- a working knowledge of electricity and hydraulics
- customer service skills

They should enjoy performing tasks that require precision, working with their hands and working independently.

CARPENTER

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.

Please see Admission Requirements on page 53.

Career Opportunities

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

ELECTRICIAN

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 and eight weeks of technical training in each of the first two years, and a minimum of 1500 hours of on-the-job training and 10 weeks of technical training in each of the last two years.

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 classroom instruction portion of the Electrician Apprentice Education Program focuses on the theory and codes that electricians need to understand and apply on the job. In-class labs will provide hands-on learning to reinforce and assess learning.

Course content in each period is categorized into 5 core competences:

- Foundational Skills, Job Responsibilities, and Procedures
- Tools, Equipment, and Instruments
- Codes and Standards
- Electrical Theory and Circuit Fundamentals
- Electrical Systems

Please see Admission Requirements on page 53.

Career Opportunities

Electricians are employed by construction and maintenance contractors, manufacturers, resource companies, and other large organizations.

Electricians may specialize in construction, maintenance, controls, and other types of electrical work, or in specific types of installations:

- Residential (housing developments)
- Commercial (office buildings)
- Institutional (hospitals)
- Industrial (plants, factories)

Skills and Abilities

To be successful in their trade, electricians need:

- Communication skills including reading skills
- An aptitude for math
- Mechanical ability
- Physical strength and stamina

- The ability to distinguish colours to work with colour-coded wiring
- The ability to plan and organize
- The ability to work in high places
- The ability to get along well with co-workers
- The ability to coach and mentor
- The ability to do precision work
- Problem solving and compluter skills

Those who install or maintain equipment in homes or businesses should also enjoy keeping a neat appearance and dealing with customers.

HEAVY EQUIPMENT TECHNICIAN

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

Please see Admission Requirements on page 53.

Career Opportunities

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

Maintenance and repair of vehicles and equipment may include:

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

In general, heavy equipment technicians:

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

Working Conditions

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

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

Skills and Abilities

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

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

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

PLUMBER

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

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

Please see Admission Requirements on page 53.

Career Opportunities

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.

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

PRE-EMPLOYMENT

Pre-employment trades programs are designed to help students 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 visit their website at www.mhc.ab.ca/programs-and-admissions

STEAMFITTER/PIPEFITTER

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

Please see Admission Requirements on page 53.

Career Opportunities

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

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

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

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

Working Conditions

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

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

Skills and Abilities

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

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

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

WELDER

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

Please see Admission Requirements on page 53.

Career Opportunities

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 students require:

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

Program Length: 3 years (including 2 Summer work terms)
Intake: Fall

Program Description

Medicine Hat College offers a Bachelor of Applied Arts (Art and Design) - BAA (AD) degree program, which can be completed in three years. If students have already completed a two-year diploma in art, design, or a related field, Medicine Hat College offers a broad range of university transfer art, art education, and design courses. Art and Design students at MHC bring their ideas to life in a state-of-the-art facility within a welcoming community of creators, surrounded by bright and modern studio and work spaces.

Program Philosophy

From studio arts and digital media to advertising design and corporate identity development, art and design professionals create and organize the information we see every day. Blending fine art and design, this program covers the entire creative and technical process, from concept through to production, with skills in print-based design, digital media, virtual space, and interactivity. The One on One Gallery provides students with opportunities to show their work while learning professional practices in the arts. Professional work terms provide enhanced Work Integrated Learning in a variety of workplaces within the art and design fields.

VASS (Visual Arts Student Society)

VASS promotes and supports all Art and Design 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. Beyond providing a strong voice in ensuring the quality of their education, VASS works to provide support, including fund raising support, for everything from student activities (student art shows, for example) to the supply of resources (special lab equipment, for example). All visual arts students are encouraged to become involved.

Career Opportunities

Art and design graduates have had excellent success in securing employment, both freelance self-employment and employment within existing firms and industries. Employment opportunities are available in a variety of workplace locations, including:

- Print Shops
- Design Studios
- Publishing Houses
- Film Studios
- Television Stations
- Theatres
- Museums
- Art Galleries

Industry Credentials

Not applicable.

Admission Requirements

High School Route

- ELA 30-1 or ELA 30-2

Mature Route

Same requirement as high school route.

Transfer/Post-Secondary Route

Not applicable.

Additional Selection Criteria

Not applicable.

Post-Admission Requirements

Not applicable.

Program Outline

Year One - Semester 1

ARDE	211	Digital Fundamentals	4 CR
ARDE	231	2D Fundamentals	4 CR
ARDE	241	Drawing I	4 CR
One of:			
ARHI	201	World Art Before 1300 CE	3 CR
ARHI	204	Introduction to Canadian Art	3 CR
One of:			
ENGL	1XX	Any 100-level English	3 CR
ENGL	2XX	Any 200-level English	3 CR

Year One - Semester 2

ARDE	213	Typography I	4 CR
ARDE	233	3D Fundamentals	4 CR
ARDE	243	Drawing II	4 CR
One of:			
ARHI	203	World Art Since 1300 CE	3 CR
ARHI	317	Modern Art	3 CR
One of:			
ENGL	2XX	Any 200-level English	3 CR
FILM	201	Introduction to Film	3 CR

Year Two - Semester 3

ARDE	327	Print Production	4 CR
ARDE	331	Graphic Design I	4 CR
ARDE	394	Portfolio and Work Term Preparation	1.5 CR
ARHI	309	Design History	3 CR
ARDE	3XX	Art Studio Elective	4 CR
ARDE	3XX	Art Studio Elective	4 CR

Year Two - Semester 4

ARDE	333	Graphic Design II	4 CR
ARHI	300	Methods in Art History	3 CR
ARDE	3XX	Art Studio Elective	4 CR
ARDE	3XX	Art Studio Elective	4 CR
ARDE	3XX	Art Studio Elective	4 CR

Year Two - Semester 5

ARDE	395	Applied Art and Design - Work Term I	15 CR

Year Three - Semester 6

ARDE	396	Applied Art and Design I	4 CR
ARDE	3XX	Art Studio Elective	4 CR
ARDE	3XX	Art Studio Elective	4 CR
ARDE	3XX	Art Studio Elective	4 CR

One of:

MGMT	270	Entrepreneurship	3 CR
MKTG	171	Marketing	3 CR
MKTG	355	Creating Brand Intelligence	3 CR

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

Year Three - Semester 7

ARDE	496	Applied Art and Design II	4 CR
ARDE	498	Special Projects and Exhibition I	4 CR
ARDE	499	Special Projects and Exhibition II	4 CR
ARDE	3XX	Art Studio Elective	4 CR
ARDE	3XX	Art Studio Elective	4 CR

Year Three - Semester 8

ARDE	495	Applied Art and Design – Work Term II	15 CR

ARDE 3XX Studio Elective Course List

ARDE	304	Sculpture I	4 CR
ARDE	305	3D Design I	4 CR
ARDE	315	Typography II	4 CR
ARDE	329	Web Design Fundamentals	4 CR
ARDE	335	Photography I	4 CR
ARDE	337	Photography II	4 CR
ARDE	338	Motion Design I	4 CR
ARDE	341	Figure Drawing	4 CR
ARDE	343	Drawing in Mixed Media	4 CR
ARDE	351	Painting I	4 CR
ARDE	353	Painting II	4 CR
ARDE	357	Illustration I	4 CR
ARDE	365	Video I	4 CR
ARDE	372	Relief Printmaking I	4 CR
ARDE	377	Serigraphy I	4 CR
ARDE	379	Intaglio I	4 CR
ARDE	408	Sculpture II	4 CR
ARDE	429	UI/UX	4 CR
ARDE	438	Motion Design II	4 CR
ARDE	490	Directed Study	4 CR

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

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

Practicum/Fieldwork

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 Semester IV and at least one of the two Work Terms must be completed prior to the last academic semester (Academic Semester 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 terms designed to extend the learning process into the work environment. Medicine Hat College will make every effort to place students; however, work opportunities may fluctuate with a changing labour market. Moreover, students should be aware that work placement opportunities in Medicine Hat are limited and that they may have to relocate to complete work term semesters (work terms can be completed anywhere in Canada or even abroad).

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

Program Progression

Not applicable.

Graduation Requirements

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

- attain a minimum cumulative GPA of 2.0
- 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 Art and Design courses (ARDE 331, ARDE 333, ARDE 396, ARDE 496, ARDE 498 and ARDE 499). Should students receive a D or D+ grade in any such core course, they will only have one opportunity (excluding “W” grade attempts) to repeat that course and raise its grade.
- please note that only one “W” grade is allowed for each of the required core art and design courses (ARDE 331, ARDE 333, ARDE 396, ARDE 496, ARDE 498, and ARDE 499)

Transfer & Pathways

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

University of Lethbridge - Dual Admission

This program has a Dual Admissions agreement with the University of Lethbridge (U of L) that provides students with early access and security in their U of L transfer pathway. Contact an MHC Academic Advisor for specific details and requirements to become a dual admitted student.

University of Lethbridge

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

Program Length: 2 years
Intake: Fall

Program Description

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

Career Opportunities

- Flight Instructor
- Commuter Pilot
- Charter Pilot
- Medevac Pilot

Industry Credentials

Not applicable.

Admission Requirements

High School Route

High school diploma with:

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

Mature Route

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

Transfer/Post-Secondary Route

Not applicable.

Additional Selection Criteria

Not applicable.

Post-Admission Requirements

Not applicable.

Program Outline

Year One - Semester 1

COMM	140	Communication in the Workplace	3 CR
GEOG	201	The Physical Environment	4 CR
MATH	150	Technical Math	4 CR

Year One - Semester 2

KNES	247	Intro to Wellness, Fitness and Nutrition	4 CR
COMP	191	Digital Foundations & Software Applications	3 CR

Year Two - Semester 1

AMET	200	Advanced Meteorology	3 CR
MGMT	161	Management Theory	3 CR

Year Two - Semester 2

ADAE	200	Advanced Aeronautics	3 CR
COMM	252	Advanced Business Communications	3 CR
AMET	201	Aircraft Engineers & Systems	4 CR

Practicum/Fieldwork

Not applicable.

Program Progression

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

Graduation Requirements

To successfully complete this program students must:

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

Transfer & Pathways

Not applicable.

Business Administration Diploma

Program Length: 2 years
Intakes: Fall, Winter

Program Description

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

Industry Credentials

Not applicable.

Admission Requirements

High School Route

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

Mature Route

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

Transfer/Post-Secondary Route

Not applicable.

Additional Selection Criteria

Not applicable.

Post-Admission Requirements

Not applicable.

Program Outline (All Majors)

Year One - Semester 1

ACCT	111	Introductory Accounting I	3 CR
COMM	140	Communication in the Workplace	3 CR
ECON	201	Principles of Microeconomics	3 CR
MGMT	161	Management Theory	3 CR
MGMT	193	Business Problems Software Applications	4 CR

Year One - Semester 2

ACCT	113	Introductory Accounting II	3 CR
COMM	252	Advanced Business Communications	3 CR
ECON	203	Principles of Macroeconomics	3 CR
MGMT	243	Human Resources Management	3 CR
MKTG	171	Marketing	3 CR

Program Outline (Accounting Major)

Year Two - Semester 3

ACCT	211	Intermediate Accounting I	4 CR
ACCT	276	Advanced Computerized Accounting	3 CR
MGMT	263	Organizational Behaviour	3 CR
MGMT	284	Business Statistics I	3 CR
MGMT	395	Business Law	3 CR

Year Two - Semester 4

ACCT	213	Intermediate Accounting II	4 CR
ACCT	215	Managerial Accounting	3 CR
FINA	255	Finance	3 CR
MGMT	268	Business Integration	3 CR
MGMT	285	Business Statistics II	3 CR

Program Outline (Financial Services Major)

Year Two - Semester 3

ACCT	219	Taxation	3 CR
FNSV	210	Personal Investing	3 CR
MGMT	263	Organizational Behaviour	3 CR
MGMT	284	Business Statistics I	3 CR
MGMT	395	Business Law	3 CR

Year Two - Semester 4

FINA	255	Finance	3 CR
FNSV	200	Canadian Investment Funds	3 CR
MGMT	268	Business Integration	3 CR
MGMT	290	Work Integrated Learning	3 CR
MKTG	345	Managing Marketing Relationships	3 CR

Program Outline (Marketing Major)

Year Two - Semester 3

FINA	255	Finance	3 CR
MGMT	284	Business Statistics I	3 CR
MKTG	315	Science of Persuasion	3 CR
MKTG	325	Evidence-Based Marketing	3 CR
MKTG	355	Creating Brand Intelligence	3 CR

Year Two - Semester 4

MGMT	263	Organizational Behaviour	3 CR
MGMT	268	Business Integration	3 CR
MGMT	395	Business Law	3 CR
MKTG	251	Digital Design for Marketing	3 CR
MKTG	345	Managing Marketing Relationships	3 CR

Program Outline (Management Major)

Year Two - Semester 3

FINA	255	Finance	3 CR
MGMT	263	Organizational Behaviour	3 CR
MGMT	270	The Entrepreneurial Experience	3 CR
MGMT	284	Business Statistics I	3 CR
BUSI	XXX	Business Elective	3 CR

Year Two - Semester 4

COMM	253	Human Relations in the Workplace	3 CR
MGMT	267	Leadership Development	3 CR
MGMT	268	Business Integration	3 CR
MGMT	395	Business Law	3 CR
BUSI	XXX	Business Elective	3 CR

Business Electives for Management Majors

MGMT 220, MKTG 251, MKTG 315, MKTG 345, MKTG 355	3 CR

International Experience Elective
The Business Administration program offers INBU 330 as an elective course.

Practicum/Fieldwork
The financial services major diploma includes a work integrated learning course that provides students with a hands-on learning oppotunity where theory and practice are integrated.

Program Progression
Prerequisite grades must be “C-” or higher.

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

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

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

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

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

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

Athabasca University
Graduates may be eligible to receive up to 60 credits into the Bachelor of Commerce, Bachelor of Management, and Bachelor of Human Resources / Labour Relations. Contact an Athabasca University Academic Advisor for further information.

College of the Rockies
Graduates are eligible to receive block transfer of 60 credits into third year of the Bachelor of Business Administration in Sustainable Business Practices. Graduates must have completed specific courses and have a 2.3 GPA (C+) with a minimum C grade in transferred courses. Contact a College of the Rockies Academic Advisor for further information.

SAIT
Under the CampusAB MOU, the MHC Business Administration program will transfer into SAIT’s business program. This will be evaluated as a course-by-course transfer, up to a maximum of 60 credits. Contact a SAIT Academic Advisor for further information.

NAIT
Graduates may be eligible for admission into Bachelor of Business Administration. Contact a NAIT Academic Advisor for further information. This pathway is currently under review; please contact transfer@mhc.ab.ca for confirmation on status.

Okanagan College
Graduates are eligible to apply for admission to the third year of the Bachelor of Business Administration. Students must present a minimum average of 67%. Contact an Okanagan College Academic Advisor for further information. This pathway is currently under review; please contact transfer@mhc.ab.ca for confirmation of status.

Royal Roads University
Graduates are eligible to enter the third year of the Bachelor of Business Administration in Innovation and Sustainability, Bachelor of Commerce in Entrepreneurial Management, or Bachelor of Arts in Interdisciplinary Studies. Students must present a minimum 3.0 GPA (B grade) and meet all other admission criteria. Contact a Royal Roads University Academic Advisor for further information.

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

University of Regina
Graduates are eligible to apply to the Bachelor of Business Administration (BBA). Students may receive up to 60 credits in transfer credit. A minimum grade of C- is required for consideration. Contact an Univeristy of Regina Academic Advisor for further information. This pathway is currently under review; please contact transfer@mhc.ab.ca for confirmation of status.

Child & Youth Care Counsellor Diploma

Program Length: 2 years
Intake: Fall

Program Description

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

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

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

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

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

Career Opportunities

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

- Community Based Youth Centres
- Treatment Centres
- School Based Practice
- Mental Health Capacity Building
- Youth Transitioning to Adult Programs

Industry Credentials

Not applicable.

Admission Requirements

High School Route

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

Mature Route

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

Transfer/Post-Secondary Route

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

Additional Selection Criteria

Not applicable.

Post-Admission Requirements

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

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

Prior involvement with Alberta Children's Services or a criminal record may limit or prevent the practicum options available to students.

Program Outline

Year One - Semester 1

CYCC	111*	The Profession of Child and Youth Care	3 CR
ENGL	2XX	Any 200-level English	3 CR
IDST	100	Introductory Communications for Helping Professionals	4 CR
KNES	281	Introduction to Movement Activities of Children and Youth	3 CR
PSYC	201	Introduction to Psychology II - Social Science	3 CR

Year One - Semester 2

CYCC	120	Practicum I	4.5 CR
CYCC	122	Working with Vulnerable Children, Youth and Families	3 CR
CYCC	125	Fundamental Skills in Counselling	3 CR
ENGL	2XX	Any 200-level English	3 CR
ANTH	213	Contmeporary Indigienous Issues in Canada	3 CR
PSYC	351	Developmental Psychology	3 CR

Year Two - Semester 3

CYCC	230	Practicum II	6 CR
CYCC	233	Legal and Cultural Issues Regarding Children and Youth	3 CR
CYCC	235	Group Facilitation	3 CR
CYCC	237	Youth Care Practice with Families	3 CR
PSYC	357	Human Development	3 CR

Year Two - Semester 4

CYCC	232	Mental Health & Substance Abuse Issues	3 CR
CYCC	240	Practicum III	6 CR
CYCC	245	Assessment and Intervention	3 CR
PSYC	385	Introduction to Abnormal Psychology	3 CR

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

Practicum/Fieldwork

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 them from attending or completing a practicum.

Program Progression

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

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

Graduation Requirements

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

Transfer & Pathways

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

Athabasca University

Graduates may be eligible to receive up to 60 credits towards the Bachelor of Professional Arts - Human Services Major. Contact an Athabasca University Academic Advisor for further information.

Royal Roads University

Graduates diploma are eligible to enter the third year of the Bachelor of Arts in Interdisciplinary Studies. Students must present a minimum 3.0 GPA (B grade) and meet all other admission criteria. Contact a Royal Roads University Academic Advisor for further information.

University of Calgary

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

Computer Aided Drafting and Design (CADD) Certificate

Program Length: 1 year
Intakes: Please see Engineering Design and Architectural Technology on page 74

Program Description

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 Engineering Design & Architectural Technology program at Medicine Hat College.

The CADD certificate program is designed to prepare students for both traditional and technical CADD skills to meet the demand of this dynamic industry. Good opportunities for pay and advancement are available to graduates. As a successful graduate, students will have a basic understanding of CADD technologies; mechanical, civil and architectural technologies; sustainability; and technical drawings. In the second year of the diploma in Engineering Design & Architectural 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 Engineering Design & Architectural Technology.

Career Opportunities

- Land Surveyors
- Government
- Oil & Gas Industry
- Mining

Industry Credentials

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 Route

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

Transfer/Post-Secondary Route

Not applicable.

Additional Selection Criteria

Not applicable.

Post-Admission Requirements

Not applicable.

Program Outline

Year One - Semester 1

EDAT	101	Drafting I	4 CR
EDAT	121	CADD Applications I	4 CR
EDAT	122	CADD Applications II	4 CR
EDAT	176	Foundations of Professional Practice	4 CR
EDAT	177	Applied Engineering Mathematics	4 CR

Year One - Semester 2

EDAT	102	Drafting II	4 CR
EDAT	132	Mechanical Design I - Applied Physics	4 CR
EDAT	151	Technical Communications	3 CR
EDAT	161	Civil Design I - Civil Design Fundamentals	4 CR
EDAT	182	Building Design I – Building Systems	4 CR

Practicum/Fieldwork

Not applicable.

Program Progression

Not applicable.

Graduation Requirements

To successfully complete this program, students must:

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

Time Limits for Program Completion

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

Transfer & Pathways

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

Medicine Hat College

Students may enroll in the Engineering Design & Architectural Technology program after successful completion of year one. See the Engineering Design & Architectural Technology program on page 67 for further program information.

Athabasca University

Graduates may be awarded 30 credits toward the Bachelor of Professional Arts Communications Studies. Contact a Athabasca University Academic Advisor for further information.

Program Length: 2 years
Intake: Fall

Program Description

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

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

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

Aims of the Criminal Justice Program

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

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

Career Opportunities

- Police Offiers
- Security and Loss Prevention
- Correctional Officers
- Crime Analysis

Industry Credentials

Not applicable.

Admission Requirements

High School Route

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

Mature Route

Same requirement as high school route.

Transfer/Post-Secondary Route

Not applicable.

Additional Selection Criteria

Not applicable.

Post-Admission Requirements

Not applicable.

Program Outline

Year One - Semester 1

CJLS	100	Introduction to Criminal Justice	3 CR
CJLS	103	Theories of Crime	3 CR
CJLS	104	Criminal Law and the Judicial Process	3 CR
PSYC	201	Introduction to Psychology II - Social Science	3 CR

One of:

ENGL	125	Introductory Report Writing and Speech	3 CR
ENGL	252	Introductory Composition	3 CR

Year One - Semester 2

CJLS	105	Policing and Law Enforcement	3 CR
CJLS	107	Corrections and Offender Rehabilitation	3 CR
CJLS	108	Young Persons in Conflict with the Law	3 CR
IDST	100	Introductory Communications for Helping Professionals	4 CR
SOCI	201	Introductory Sociology	3 CR

Year Two - Semester 3

CJLS	200	Contemporary Issues in Criminal Justice	3 CR
CJLS	202	Criminal Investigations	3 CR
CJLS	203	Conflict Management and Crisis Intervention	3 CR
CJLS	224	Mental Health	3 CR
OPTN	XXX	General Elective	3 or 4 CR

Year Two - Semester 4

CJLS	204	Professional Ethics in Criminal Justice	3 CR
CJLS	233	Legal Evidence and Trial Presentation	3 CR
CJLS	257	Leadership and Development	3 CR
OPTN	XXX	General Elective	3 or 4 CR

One of

CJLS	206	Security	3 CR
CJLS	240	Personal and Professional Development	3 CR
CJLS	250	Criminal Justice Practicum	3 CR

General Electives

ANTH	213	Contemporary Indigenous Issues in Canada	3 CR
IDST	485	Death and Dying	3 CR
KNES	247	Introduction to Wellness, Fitness & Nutrition	4 CR
NUTR	200	Introduction to Nutrition	3 CR
PSYC	345	Social Psychology	3 CR
SOCI	203	Current Social Issues	3 CR
CJLS	206	Security	3 CR
CJLS	240	Personal and Professional Development	3 CR

Important: A single course cannot satisfy more than one of the above requirements.

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

Practicum/Fieldwork

Not applicable.

Program Progression

Not applicable.

Graduation Requirements

To successfully complete this program students must:

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

Transfer & Pathways

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

Athabasca University

Graduates maybe eligible to receive up to 60 credits into the Bachelor of Professional Arts - Criminal Justice Major, Bachelor of Professional Arts - Governance, Law and Management Major, or the Bachelor of Professional Arts - Human Services Major. Contact an Athabasca University Academic Advisor for further information. This pathway is currently under review; please contact transfer@mhc.ab.ca for confirmation on status.

Justice Institute of British Columbia

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

Lethbridge Polytechnic

Graduates with a minimum cumulative GPA of 2.0 may be eligible for admission and for block transfer into the third year of the Bachelor of Applied Arts - Justice Studies Major. Contact a Lethbridge Polytechnic Academic Advisor for further information. This pathway is currently under review; please contact transfer@mhc.ab.ca for confirmation on status.

Royal Roads University

Graduates are eligible to enter the third year of the Bachelor of Arts in Interdisciplinary Studies. Students must present a minimum 3.0 GPA (B grade) and meet all other admission criteria. Contact a Royal Roads University Academic Advisor for further information.

Seneca Polytechnic

Graduates maybe eligible to receive a block transfer of 15 specific courses within the Honours Bachelor of Crime and Intelligence Analysis. A minimum GPA of 3.0 is required to be considered for admission and preference will be given to applicants with the best qualifications. Contact a Seneca Polytechnic Academic Advisor for further information. This pathway is currently under review; please contact transfer@mhc.ab.ca for confirmation on status.

Program Length: 1 year (certificate), 2 years (diploma)
Intake: Fall

Program Description

The certificate and diploma programs in Early Childhood Education prepare students to work as early childhood educators alongside young children and families. The program combines theory and hands-on experiences in child development, play-based learning, and responsive care with a strong practical base in each semester of the program. Knowledge and skills learned in the program enable students to provide quality education and care to young children in various early learning settings. Students will also enhance their personal development through reflective practice and increased professionalism.

Career Opportunities

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

- Child Care Centres
- Family Day Homes
- Preschools
- Out of School Care programs

Industry Credentials

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 Childhood Education diploma is recognized throughout Alberta and across Canada as the qualification to work with young children.

Admission Requirements

High School Route

High school diploma with:

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

Mature Route

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

Transfer Route

To transfer into the Early Childhood Education Diploma, successful completion of an Early Childhood Education 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 may be accepted.

Additional Selection Criteria

If space is available, students may take up to two ECED courses “for interest” without meeting admission requirements. After this point, however, students must meet all admission requirements to continue. Registration for these courses will be decided on a case-by-case basis, will require approval from the Program Coordinator and may require past experience in the early childhood education field.

Post-Admission Requirements

See Practicum/Fieldwork section.

Program Outline

Certificate

Year One - Semester 1

ECED	102	Learning through Play I	3 CR
ECED	105	Practicum I	4 CR
ECED	120	Child Development I	3 CR
ECED	122	Interpersonal Relations	3 CR
ECED	123	Children’s Well-Being	1.5 CR
ENGL	125	Introductory Report Writing and Speech	3 CR

Year One - Semester 2

ECED	101	Essentials in Early Childhood Education	1.5 CR
ECED	112	Learning through Play II	3 CR
ECED	115	Practicum II	4 CR
ECED	121	Child Development II	3 CR
ECED	124	Language and Literacy	3 CR
ECED	125	Child Guidance	3 CR

Diploma

Year Two - Semester 3

ECED	201	Fine Arts	3 CR
ECED	204	Ecology of the Family	3 CR
ECED	205	Practicum III	4 CR
ECED	206	Outdoor Pedagogy in Early Learning	3 CR
ECED	207	Music and Movement	3 CR

Year Two - Semester 4

ECED	202	STEM with Young Children	3 CR
ECED	211	Infant and Toddler Care	3 CR
ECED	212	Professional Practice	3 CR
ECED	213	Inclusive Care and Education	3 CR
ECED	215	Practicum IV	4 CR

Practicum/Fieldwork

Students are selected for practicum based on academic performance, professional suitability, fitness and conduct, and availability of practicum sites. Students are required to provide a current Police Information Check with Vulnerable Sector Search from the Medicine Hat Police Service or the local RCMP detachment in the student’s rural residence area. Students will also be required to submit a current First Aid Certificate with Level C CPR to the Practicum Placement Supervisors prior to starting placement. Should the Program Coordinator judge, in consultation with faculty, there is evidence that students are professionally unsuitable or a risk to clients, the Coordinator may prohibit them from attending or completing a practicum.

Program Progression

Admission to the second year of the Early Childhood Education diploma normally requires students to have successfully completed the Early Childhood Education 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 Childhood Education from Medicine Hat College,

may also be considered. Students must have attained a GPA of not less than 2.3 with no final course grade of less than C.

Graduation Requirements

To successfully complete the certificate program students must:

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

To successfully complete the diploma program students must:

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

Meeting the graduation requirements for the certificate does not necessarily meet the continuation requirements to move into the diploma.

Transfer & Pathways

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

Athabasca University

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

Northwestern Polytechnic*

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

Keyano College*

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

Lakeland College*

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

MacEwan University

Diploma students may be eligible for admission in Bachelor of Early Childhood Curriculum Studies. Be sure to contact MacEwan University with any questions regarding admission and any minimum grade requirements for individual courses. This pathway is currently under review; please contact transfer@mhc.ab.ca for confirmation on status.

Red Deer Polytechnic*

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

**The ECE/ELCC certificates from these institutions will transfer into Medicine Hat College's ECE 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.*

Royal Roads University

Diploma graduates are eligible to enter the third year of the Bachelor of Arts in Interdisciplinary Studies. Students must present a minimum cumulative GPA of 3.0 (B grade) and meet all other admission criteria. Contact a Royal Roads University Academic Advisor for further information.

University of Alberta (U of A)

Diploma graduates may be eligible to receive up to 30 credits towards the Bachelor of Education - Elementary. Contact a U of A Academic Advisor for further information.

University of Calgary

Diploma graduates may be eligible to apply to the two-year post-diploma Bachelor of Community Rehabilitation (BCR). Contact a U of C Academic Advisor for further information. This pathway is currently under review; please contact transfer@mhc.ab.ca for confirmation on status.

Program Length: 2 years
Intake: Fall

Program Description

Mount Royal University and Medicine Hat College jointly offer a degree completion program where students graduate as elementary specialists with a humanities minor, prepared for certification for teaching grades Kindergarten through twelve under the Professional Standards Branch of the Alberta Ministry of Education and Childcare. Although some of the focus of this program is Kindergarten through Grade Six, attention is paid to Grades Seven to Nine as well, and 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 purposefully intertwined and developed upon each other to promote maximum growth for pre-service teachers' ability and confidence. 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. Many courses, both core and elective, require students to participate in relevant classroom experiences in the community.

Career Opportunities

- Classroom Teacher K-12

Industry Credentials

Not applicable.

Admission Requirements

High School Route

Not applicable. There is no direct entry to this program. Students applying out of High School must begin in Medicine Hat College's University Transfer: Education program. Please see Education (B.Ed.) on page 124 for more information.

Mature Route

Not applicable.

Transfer/Post-Secondary Route

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
- A minimum grade of "C-" in ENGL 202 or 203 and ENGL 252

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. Meeting these requirements for admission consideration does not guarantee acceptance.

Entrance into the MRU Faculty of Education

Admission GPA will be calculated using the final grades of 13 courses (or their equivalencies): EDTS 232, EDTS 234, EDTS 321, EDTS 325, EDTS 371, an Education Elective, GNED 210, GNED 220 or 221, GNED 230 or GNED 234, ENGL 252, ENGL 202 or 203, HIST 231 or 233, and a Humanities Minor.

Some early admission seats will be offered.

Early admission GPA is calculated in January using the final grades of the 13 courses listed above that are completed by the end of the fall semester (an applicant does not need to have all 13 courses completed). To be considered for early admission, an applicant must apply by the Early Admission Application Deadline for Bachelor of Education – Mount Royal University, please see the Academic Schedule. All early admission offers will be conditional on the grounds that applicants:

- maintain a 3.0 GPA or higher on all courses in the winter semester
- remain in their winter semester classes (withdrawal from one or more courses would mean the applicant's early admission offer may be revoked)

Regular admission GPA is calculated in May using the final grades of the 13 courses listed above. To be considered for regular admission (if they did not apply for early admission), an applicant must apply by the General Admission Application Deadline for Bachelor of Education – Mount Royal University, please see the Academic Schedule. Admission will be offered for the remaining seats available. Applicants only need to apply to the MRU Faculty of Education once per academic year to be considered for both routes.

If admitted to the MRU Faculty of Education at MHC, students complete the remaining two years of their degree at the Medicine Hat College campus. Students' official transcripts are held with Mount Royal University. Graduates of this partnership program receive degree parchments identical to Mount Royal University graduates in Calgary. Students are charged Mount Royal University tuition rates for years 3 and 4.

With admission to the third year being competitive, it is important to consider a parallel plan or to plan for more than one university. If applying to more than one university, it is important to note that not all courses taken in the first two years at MHC may transfer.

Post-Admission Requirements

Not applicable.

Program Outline

The total requirements for this program are made up of twenty (20) core education courses (including 2 major practicums), eight (8) courses in the humanities, six (6) general education courses, and four (4) electives.

Year 3 and Year 4
Students will take the following Education courses and practicums plus four additional courses:

EDUC	2200	Special Topics in Education	3 CR
EDUC	2375	Effective Assessment Measurement and Evaluation	3 CR
EDUC	3010	Practicum I	3 CR
EDUC	3103	Program of Studies and Curriculum Instruction in Teaching English Language Arts	3 CR
EDUC	3104	Arts Integration in Elementary Education	3 CR
EDUC	3105	Program of Studies and Curriculum Instruction in Teaching Physical Education	3 CR
EDUC	3106	Program of Studies and Curriculum Instruction in Teaching Science	3 CR
EDUC	3108	Program of Studies and Curriculum Instruction in Teaching Mathematics	3 CR
EDUC	4030	Practicum II	9 CR
EDUC	4107	Program of Studies and Curriculum Instruction in Teaching Social Studies	3 CR
EDUC	4201	Integrating Ideas, Values and Praxis	3 CR
EDUC	4325	The Impact of Social Issues in Education & Schooling	3 CR
EDUC	4351	Indigenous Perspectives in Education	3 CR
EDUC	4361	Exceptional Students, Special Needs & Inclusive Schooling	3 CR

Students will also participate in weekly professional learning community (PLC) sessions.

In order to participate in the EDUC 3010 practicum I or EDUC 4030 Practicum II, students must receive a passing grade in all courses in the fall semester.

Practicum/Fieldwork

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. If 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 their students, the student may be prohibited from attending or completing a practicum.

Failure to achieve a passing evaluation and a credit for the course in a practicum placement, specifically EDUC 3010 Practicum I or EDUC 4030 Practicum II, after a maximum of two attempts will result in the student being assigned the academic standing of Required to Withdraw from Program (RTWP). See RTWP below.

In addition to EDUC 3010 & EDUC 4030, there are practicums embedded within certain coursework throughout the program. Placements for practicums will be in Medicine Hat and Southeastern Alberta area schools, in classes ranging from Kindergarten through middle school.

Students registered in EDUC 3010 and EDUC 4030 should be aware that the start date of their semester can begin as early as three days prior to the September long weekend to experience the start-up of schools and classrooms. In addition, students are required to be available until the end of the final exam period in order to complete all practicum and course requirements.

All courses designated for completion in third year must be completed before a student can begin courses designated for fourth year, based on the sequencing of the third and fourth year cohort courses.

Program Progression

Students enrolled in the Bachelor of Education 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.

Required to Withdraw from Program (RTWP)

A student who receives a non-credit or fails EDUC 3010 (Practicum I) or EDUC 4030 (Practicum II) after two attempts will be assigned Required to Withdraw from Program (RTWP) standing. This means:

- the student must meet with the Education chair or designate to create an Identification of Support Plan for potential readmittance. Students can appeal the course grade and/or the RTWP decision by following the MHC appeals process.
- the student may apply for readmission no sooner than 12 months after the RTWP is issued, must meet current admission criteria (but not the competitive average), and must submit an Identification of Support Plan. Readmission is not automatic and is granted only once.

More detail on RTWP standing can be found in the EDUC 3010 and EDUC 4030 practicum handbooks.

Allowable Absence Policy: Because of the professional nature of the Education program, there is an attendance policy that Education students will need to abide by. If for any reason a student needs to defer from the program, please see the Program Coordinator as there are limits on time out of the program.

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

Transfer & Pathways

Not applicable.

Engineering Design and Architectural Technology Diploma

Program Length: 2 years
Intakes: Fall

Program Description

The Diploma in Engineering Design and Architectural Technology (EDAT) 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. Students learn computer aided drafting and design (CADD) and 3D modeling applications right away so that they can apply fundamental drafting, design, and modeling skills in a variety of contexts from the outset. The program has been designed to develop critical thinking and problem-solving skills. Work Integrated Learning experience is provided in the Capstone in the final semester of the program.

Mechanical engineering technicians may work alone or with mechanical engineers. They help design, draw, develop, modify, and optimize products, machines, mechanical systems, and manufacturing processes.

Civil engineering technicians provide support to engineers, architects, surveyors, and contractors. They help with the design, development, and construction of civil engineering projects. They ensure projects are economical, functional, and meet relevant standards and building codes.

Architectural technicians work with architects, engineers, and others in designing and developing plans, drawings, and costs for buildings, and supervising construction projects.

Career Opportunities

- Engineering Companies
- Architecture Companies
- Manufacturing/Fabrication Companies
- Construction Companies

Industry Credentials

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

Transfer/Post-Secondary Route

Not applicable.

Additional Selection Criteria

Not applicable.

Post-Admission Requirements

Not applicable.

Program Outline

Year One - Semester 1

EDAT	101	Drafting I	4 CR
EDAT	121	CADD Applications I	4 CR
EDAT	122	CADD Applications II	4 CR
EDAT	176	Foundations of Professional Practice	4 CR
EDAT	177	Applied Engineering Mathematics	4 CR

Year One - Semester 2

EDAT	102	Drafting II	4 CR
EDAT	132	Mechanical Design I - Applied Physics	4 CR
EDAT	151	Technical Communications	3 CR
EDAT	161	Civil Design I - Civil Design Fundamentals	4 CR
EDAT	182	Building Design I – Building Systems	4 CR

Year Two - Semester 3

EDAT	201	Digital Design/Presentation	4 CR
EDAT	231	Mechanical Design II	4 CR
EDAT	261	Civil Design II	4 CR
EDAT	271	Design Strategies	4 CR
EDAT	281	Building Design II	4 CR

Year Two - Semester 4

EDAT	232	Mechanical Design III	4 CR
EDAT	242	Piping & Control Systems	4 CR
EDAT	262	Civil Design III	4 CR
EDAT	272	Capstone	4 CR
EDAT	282	Building Design III	4 CR

Practicum/Fieldwork

Not applicable.

Program Progression

Students must achieve a minimum grade of C- in all prerequisite courses, unless otherwise stated in the course description.

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

Computer Aided Drafting & Design (CADD) Certificate

Students are eligible to receive a CADD Certificate by:

- Successfully completing ten 100-level courses required for the EDAT Diploma
- Attaining a minimum cumulative GPA of 2.0

Time Limits for Program Completion

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

Transfer & Pathways

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

Athabasca University

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

NAIT

Graduates are eligible for admission into the third year of the Bachelor of Technology. Contact NAIT Academic Advisor for further information.

English as a Second Language for New Canadians

Program Length:
Fall/Winter: 10 hours a week/Part-time (16 weeks)
22 hours a week/Full-time (16 weeks)
Spring: 10 hours a week over 8 weeks (part-time only)
Intakes: Fall, Winter, Spring

Program Description

The English as a Second Language for Canadians (ESLC) program at Medicine Hat College is designed to strengthen English skills for work, school, and everyday life in Canada. The program serves Canadian citizens, permanent residents, and Convention refugees, supporting communication, workplace success, and community participation.

The curriculum is built around real-life tasks guided by the Canadian Language Benchmarks and incorporates Portfolio Based Language Assessment to monitor progress and set meaningful goals. Participants develop essential skills such as advanced communication, teamwork, problem solving, digital literacy, and document use in a practical, hands-on learning environment.

Program Features

- Advanced communication skills for workplace, academic, and social settings
- Instruction delivered by certified supportive, and inclusive instructors
- Settlement-focused learning including cultural awareness, employment readiness,and citizenship preparation
- Flexible delivery with adaptable schedules and learning formats
- Practical skill development through real-world tasks
- Personalized feedback to support goal achievement
- Confidence and independenc for success in Canadian life
- Digital literacy skills through technology-based language exploration and creation

To ensure accessibility, ESLC is offered in a flexible format, allowing learners to choose from in-person classes, live online instruction, or asynchronous online study.

Eligible learners may qualify for Foundational Learning Assistance (FLA) to help cover tuition and other associated costs.

Career Opportunities

This program offers the following benefits:

- Improved language skills -Build stronger reading, writing, speaking, and listening skills for daily life, work, and community interaction.
- Workplace readiness –English Language Learner will focus on practical communication used in jobs, interviews, and professional settings.
- Cultural understanding – Students will learn about Canadian customs, values, and systems, which helps them adjust more easily.
- Pathway to further education -The program will prepare advanced for advanced English programs or academic study.
- Confidence and independence- Stronger English will make it easier for students to handle appointments, paperwork, and conversations without help.
- Community participation: Students will be able to engage more fully in volunteering, local programs, and social events.

Industry Credentials

Not applicable

Admission Requirements

Applicants must meet with the ESL Administrator to complete an assessment for course placement. Priority is given to those who complete all registration requirements early. The program is intended for immigrants Canadians who already have some basic English instruction and want to improve for workplace or further studies.

High School Route

Not applicable.

Mature Route

Not applicable.

Transfer/Post-Secondary Route

Not applicable

Additional Selection Criteria

Not applicable

Post-Admission Requirements

Not applicable

Program Outline

Please see career opportunities

Practicum/Fieldwork

Not applicable.

Program Progression

Not applicable

Graduation Requirements

- Completion of all required ESL levels or courses with passing grades.
- Consistent attendance and participation in class activities.
- Minimum language benchmark achievement, often based on the Canadian Language Benchmarks (CLB).
- Successful completion of assessments in reading, writing, listening, and speaking.
- Instructor or program coordinator approval confirming readiness for academic or workplace English use.

Transfer & Pathways

Not applicable

Program Length: 2 years
Intake: Fall

Program Description

Consider a career where a passion for the environment and making the world a better place can be combined with excellent job and earning potential. Enjoy the chance to work out of doors, travel and be able to apply your knowledge and skills to solve problems. Do you have above average communication, people and computer skills? Do you enjoy collecting information, meeting deadlines and have strong organization and planning skills? The environmental field is rapidly expanding and there is very strong demand for individuals with the required attitude, knowledge, skills and practical experience.

Environmental Biology and Reclamation is the returning of lands disturbed from oil and gas activities, logging, mining, infrastructure or industrial development back into either economically productive or natural habitats. Government regulations now require that only individuals with extensive training, knowledge and professional designation can certify reclamation of disturbed lands or decommissioning of wells and pipelines.

The MHC Environmental Biology and Reclamation Technology program is a two-year diploma designed with potential employers to include specific training essential for this career while focusing on the unique environmental conditions of southern Alberta and Saskatchewan. Graduates may find office or field oriented employment with private or government agencies involved with environmental monitoring; reclamation of disturbed lands; environmental planning; carrying out of phase one and two assessments, drilling waste management; integrated vegetation management; well decommissioning; resource development; conservation organizations or environmental impact assessments and auditing. Development of practical skills and applied training will take place during the program's Capstone Project in the final semester.

Career Opportunities

- Reclamation Specialist
- Environmental Technician
- Agrologist
- Environmental Consultant for both renewable and non-renewable

Industry Credentials

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.

Admission Requirements

High School Route

High school diploma with:

- ELA 30-1 (min. 50%) or ELA 30-2 (min. 60%)
- Math 30-1 (min. 55%), or Math 30-2 (min. 55%)
- Chemistry 30 (min. 55%) or Science 30 (min. 55%)
- Biology 20 (min. 55%)

Mature Route

- ELA 30-1 (min. 50%) or ELA 30-2 (min. 60%)
- Math 30-1 (min. 55%), or Math 30-2 (min. 55%)
- Chemistry 30 (min. 55%) or Science 30 (min. 55%)
- Biology 20 (min. 55%)

Transfer/Post-Secondary Route

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.

Additional Selection Criteria

Not applicable.

Post-Admission Requirements

Not applicable.

Program Outline

Year One - Semester 1

BOTA	205	Introduction to Botany	4 CR
EBRT	100	Introduction to Environmental Science Concepts	3 CR
EBRT	120	Energy Fundamentals	3 CR
EBRT	140	Environmental Chemistry	4 CR
GEOG	201	The Physical Environment	4 CR

Year One - Semester 2

EBRT	160	Invasive Species Ecology and Management	4 CR
EBRT	230	Water Fundamentals	4 CR
ENGL	110	Technical Communications	4 CR
EVSC	238	Introduction to Geographic Information Science	4 CR
STAT	2XX	Any 200-level Statistics	4 CR

Year Two - Semester 3

BIOL	254	Plant Taxonomy	4 CR
BIOL	255	Ecology	4 CR
EBRT	210	Agrology and Agro-Ecology for Environmental Technologists	4 CR
EBRT	250	Applied Vertebrate Zoology	4 CR
SOSC	213	Soil Resources	4 CR

Year Two - Semester 4

EBRT	240	Environmental Assessment	4 CR
EBRT	260	Land Reclamation and Revegetation	4 CR
EBRT	263	Land Reclamation Legislation	3 CR
EBRT	285	Capstone Project	4 CR
EVSC	336	Advanced GIS and Remote Sensing	4 CR

Practicum/Fieldwork

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 requiring physical fitness preparedness.

Program Progression

In order to be able to continue into the second year of the program, a cumulative grade point average of at least 2.0 is required at the end of year one.

Graduation Requirements

To complete this program:

- successfully complete all the program courses as outlined
- attain a minimum cumulative GPA of 2.0
- obtain no more than one D or D+ grade in the second year

Transfer & Pathways

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

Lakeland College

Graduates are eligible for admission into the Bachelor of Applied Science: Environmental Management Degree. Students must present a minimum 2.3 GPA. Contact aLakeland College Academic Advisor for further information.

Lethbridge Polytechnic

Graduates are eligible to enter the Bachelor of Ecosystem Management and receive 60 transfer credits. Students must present a minimum 2.0 GPA and meet all other admission criteria. Contact a Lethbridge Polytechnic Academic Advisor for further information.

NAIT

Graduates are eligible for admission into the third year of the Bachelor of Technology. Contact a NAIT Academic Advisor for further information.

Royal Roads University

Graduates are eligible to enter the third year ofthe Bachelor of Arts in Environmental Practice, Bachelor ofScience in Environmental Practice, Bachelor of Science inEnvironmental Science, or Bachelor of Arts in InterdisciplinaryStudies. Students must present a minimum 3.0 GPA (B grade) and meet all other admission criteria. Students pursuing the Bachelor of Science in EnvironmentalScience must take an additional college/university-level algebra or calculus course (3 credits). Contact a Royal Roads University Academic Advisor for further information.

University of Lethbridge

Graduates are eligible to apply to the Post-Diploma Bachelor of Science - Environmental Science Major. Students must present a minimum cumulative GPA of 2.75 (on a 4.0 scale). Contact a Univeristy of Lethbridge Academic Advisor or visit https://www.ulethbridge.ca/ross/post-diploma/programs/4 for further information. This pathway is currently under review; please contact transfer@mhc.ab.ca for confirmation of status.

University of Saskatchewan

Graduates may transfer into the Bachelor of Science in Agriculture – Environmental Science Major, the Bachelor of Science in Agriculture – Soil Science Major, or the Bachelor of Science Renewable Resource Management – Resource Science Major. Students must present a minimum 60% (C grade) transfer average. The average is calculated using courses that receive transfer credit through the agreement. Contact a Univeristy of Saskatchewan Academic Advisor for further information.

Program Length: 8 months
Intakes: Fall, Winter

Program Description

Health Care Aides build meaningful connections with patients and are an indispensable part of healthcare teams. This eight-month, full-time certificate program follows the Government of Alberta Health Care Aide Provincial Curriculum and offers comprehensive training through classroom instruction, laboratory practice, and supervised clinical placements.

Students gain hands-on experience in diverse care settings, including acute care, continuing care, assisted living, and community care. Program intakes are offered based on demand and prepare graduates for rewarding careers in the healthcare field.

Career Opportunities

- Continuing Care
- Palliative and Hospice Care
- Community Health Setting
- Hospital and Acute Care

Industry Credentials

Medicine Hat College will award a HCA certificate to all learners who successfully complete the Government of Alberta Provincial Curriculum Health Care Aide (HCA) program.

To be eligible to work as a Health Care Aide in Alberta, students are required to:

- Successfully pass the Alberta Health Care Aide Registration Exam (AHRE) and,
- Maintain active membership with their governing body, the College of Licensed Practical Nurses and Health Care Aides of Alberts (CLHA)

Admission Requirements

NOTE: Winter intake is available for domestic students only.

High School Route

All applicants must meet one of the English Language Arts requirements listed below:

- ELA 20-1 (min. 60%) or ELA 20-2 (min. 60%) or Canadian jurisdiction equivalent or
- ELA 30-1 (min. 55%) or 30-2 (min. 55%) or Canadian jurisdiction equivalent 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. or
- Canadian Adult Education Credential (CAEC)

Mature Route

Same requirement as high school route.

Transfer/Post-Secondary Route

Not applicable.

Additional Selection Criteria

Please refer to page 12 for Health Care Aide English Language Proficiency requirements.

Post-Admission Requirements

Requirements must be submitted according to the timelines outlined in your Orientation Package. If the required documents are not submitted within the first 14 days of the initial term, a hold will be placed on the student's account and will remain in place until all outstanding requirements are received. Withdrawal from courses may become necessary if this delay prevents the student from meeting essential program requirements—such as mandatory labs, assignments, and exams—needed for successful completion.

- **CPR Certification**
  A valid CPR certificate must be obtained through one of the following Canadian Institutions:
  - Heart & Stroke Foundation of Canada
  - Canadian Red Cross
  - St. John Ambulance

  Important Notes:
  - Any level of CPR from a recognized Canadian training institution is acceptable.
  - First Aid certification is not required.
  - Online-only CPR training will NOT be accepted; all CPR training must include a hands-on component.
  - CPR certification must remain valid for the entire 8-month duration of the program.

- **N-95 Mask Fit Testing**
- Mask fit testing will be conducted on campus. Learners are required to pay a mask fee at the MHC Bookstore, either in store or online. A receipt must be retained and presented as proof of purchase. Students are to email maskfitting@mhc.ab.ca to scheduling the mask fit session.
- **Emergency Contact Form** - Completed and up-to-date contact information is required
- **General Release of Personal Data** - Signed form authorizing the release of relevant personal information.
- **Oath of Confidentiality Form** - Signed agreement to uphold confidentiality standards throughout the program.
- **Police Information Check (PIC) with Vulnerable Sectors Check (VSC)**
- Learners under the age of 18 are required to submit a **Police Information Check (PIC)**
- Upon reaching the age of 18, learners must submit a **Vulnerable Sector Check (VSC)**
- Please note: An adverse result may delay or impact the timing of clinical placement, and it may prevent participation in clinical experiences. Additional steps may be required to support placement planning.
- **Immunization Records & Placement Eligibility**
  Students are responsible for the following:
  - Initiating and completing an assessment of their immunization status with the Immunization Coordinator.
  - Providing the Immunization Coordinator (via immunizations@mhc.ab.ca) with a complete immun-

ization history, including documentation of all vaccine doses received and the dates of administration.
- Maintaining their own immunization records as part of their personal health information.
- International students must present immunization records from their country of birth to a Canadian Public Health office for review and verification.

Attendance at clinical sites is determined at the discretion of each site, including during outbreak situations. If a student is denied placement or unable to attend due to their immunization status, alternative placements may not be available, which may result in the student being unable to meet required practice outcomes.

Immunization requirements are subject to change based on directives from placement partners.

Digital Literacy
To succeed in the program, learners must demonstrate digital literacy, including the ability to:
- Communicate, research and interpret infomation effectively
- Use computers for web browsing and email
- Critically evaluate how technology influences behavior
- Create and share content using digital tools (e.g.,email, media, internet platforms)

Program Outline
The HCA program consists of nine courses in two 16-week semesters:

Year One - Semester 1

HCAP	140	Health Care Aide Role & Responsibility	3 CR
HCAP	141	The Human Body, Health & Chronic Illness	3 CR
HCAP	142	Communication & Documentation in the Health Care Environment	3 CR
HCAP	143	Providing Person-Centered Care & Comfort	4 CR
HCAP	144	Clinical Placement I	4 CR

Year One - Semester 2

HCAP	145	Meeting Complex Care Needs	4 CR
HCAP	146	Special Activities for Clients with Various Health Conditions	4 CR
HCAP	147	Clinical Experience II (Instructor-Led)	6 CR
HCAP	148	Consolidated Clinical Placement	4 CR

Practicum/Fieldwork
Clinical experiences are scheduled in Medicine Hat or Brooks, with some placements requiring travel to neighboring communities. Students must be available for the full duration of the clinical placement and demonstrate flexibility in meeting scheduling requirements, which may include evening and weekend shifts.

International Students: A co-op work permit is required for participation in practicum placements, in addition to a valid study permit. For more information, please contact the International Education Office at 403-504-3615 or visit www.mhc.ab.ca/InternationalStudents.

Program Progression
Students are required to adhere to program policies regarding punctuality, attendance, professional appearance, and responsiveness to supervision and feedback. They must demonstrate the ability to provide safe and competent care at all times.

If a student's performance raises concerns about the safety of client care or failure to meet program standards, they may be removed from the laboratory or clinical setting. Ongoing inability to meet expectations for safe and professional practice may result in dismissal from the program.

Successful completion of all required theory courses within a given term is mandatory prior to entering the corresponding clinical placement. This ensures that learners are adequately prepared to meet the expectations and responsibilities of the clinical environment.

In the event that a student is not successful in one or more theory courses during a term, they are encouraged to continue with any remaining term courses for which they are eligible. Credit will be retained for successfully completed courses, and students may re-enter the program at a later date to complete outstanding requirements, subject to program availability and re-entry guidelines.

Graduation Requirements
To successfully graduate from the program and receive an Alberta Health Care Aide certificate, students must:
- Achieve passing grades in all theory, lab, and clinical assessments (70% minimum passing grade for all course exams) Courses are graded as complete or incomplete on your transcripts
- Meet the attendance requirements outlined in the *Health Care Aide program Handbook*
- Pass the Government of Alberta Provincial Health Care Aide Examination

Failure to meet any of these requirements will result in withdrawal from the program

Transfer & Pathways
Not applicable.

Program Length: 2 years
Intakes: Fall, Winter, Spring

Program Description

This diploma is designed to provide the student with the basic knowledge and skills that every citizen requires to begin a process of discovery and individual development that will enable the student to understand what it means to be human in a world that is constantly changing. The humanities are the very expression of who and what we are. The social sciences investigate how what they think and what they do creates the social and political environment in which they live. This two-year program allows the student to pursue an investigation of individual interests and personal goals unique to them while at the same time preparing them for further study in the humanities, social sciences, or the professions. The program can supplement and complement any number of other programs and will begin a process of development of the student's understanding of the world and themselves.

Career Opportunities

- Writing & editing
- Research & analysis
- Communications
- Program development

Industry Credentials

Not applicable.

Admission Requirements

High School Route

- ELA 30-1
- Math 30-1 or Math 30-2 or a 30-level second language
- Two 30-level academic subjects
- One 30-level, 5-credit subject (excluding special projects)

Mature Route

- ELA 30-1
- One 30-level academic subject

Transfer/Post-Secondary Route

Not applicable.

Additional Selection Criteria

Not applicable.

Post-Admission Requirements

Not applicable.

Program Outline

Year One

Communications

Two of:

COMM	2XX	Any 200-level Communications	3 CR
CPSC	2XX	Any 200-level Computer Science	4 CR
DRAM	2XX	Any 200-level Drama	3 or 4 CR
ECON	2XX	Any 200-level Economics	3 CR
ENGL	1XX	Any 100-level English	3 or 4 CR
ENGL	2XX	Any 200-level English	3 CR
FILM	201	An Introduction to the Study of Film	3 CR
FREN	2XX	Any 200-level French	4 CR
GNED	220	Texts and Ideas	3 CR
LING	201	Introduction to Linguistics I	3 CR

**ENGL 1XX fulfills diploma requirements but does not meet university transfer standards*

Qualitative Reasoning and Scientific Method

Two of:

ANTH	2XX	Any 200-level Anthropology	3 CR
ARKY	2XX	Any 200-level Archaeology	3 CR
BIOL	2XX	Any 200-level Biology	3 or 4 CR
BOTA	205	Introduction to Botany	4 CR
CHEM	2XX	Any 200-level Chemistry	4 CR
ECON	2XX	Any 200-level Economics	3 CR
EBRT	2XX	Any 200-level Environmental Reclamation	4 CR
GEOG	201	The Physical Environment	4 CR
GNED	210	Scientific and Mathematical Literacy for the Modern World	3 CR
KNES	2XX	Any 200-level Kinesiology	3 or 4 CR
MATH	2XX	Any 200-level Math	3 CR
PSYC	200	Introduction to Psychology I: Natural Science	3 CR
PHIL	275	Reason and Argument	3 CR
PHIL	279	Logic I	3 CR
PHYS	2XX	Any 200-level Physics	4 CR
STAT	2XX	Any 200-level Statistics	4 CR

Critical Inquiry and Aesthetic Analysis

Two of:

ARHI	2XX	Any 200-level Art History	3 CR
BIOL	255	Ecology	4 CR
ECON	2XX	Any 200-level Economics	3 CR
ENGL	2XX	Any 200-level English	3 CR
FILM	201	An Introduction to the Study of Film	3 CR
GNED	220	Texts and Ideas	3 CR
GNED	221	Aesthetic Experience & Ideas	3 CR
PHIL	2XX	Any 200-level Philosophy	3 CR
POLI	2XX	Any 200-level Political Science	3 CR
RELI	2XX	Any 200-level Religion	3 CR
SOCI	225	Criminology	3 CR

Historical and Political Analysis

Two of:

ANTH	2XX	Any 200-level Anthropology	3 CR
HIST	2XX	Any 200-level History	3 CR
POLI	2XX	Any 200-level Policitical Science	3 CR
SOCI	2XX	Any 200-level Sociology	3 CR

Cultural, Social, and Behavioural Analysis

Two of:

ANTH	2XX	Any 200-level Anthrophology	3 CR
ARKY	2XX	Any 200-level Archaeology	3 CR
ECON	2XX	Any 200-level Economics	3 CR
GEOG	203	The Human Environment	3 CR
GNED	230	Citizenship Without Borders	3 CR
GNED	232	Building Communities in a Changing World	3 CR
GNED	234	Communities and Societies	3 CR
KNES	2XX	Any 200-level Kinesiology	3 or 4 CR
LING	203	Introduction to Linguistics II	3 CR
POLI	2XX	Any 200-level Political Science	3 CR
PSYC	201	Introduction to Psychology II: Natural Science	3 CR

SOCI	2XX	Any 200-level Sociology	3 CR

Year Two

Communication Skills

One of:

DRAM	3XX	Any 300-level Drama	3 CR
ENGL	3XX	Any 300-level English	3 CR
FREN	3XX	Any 300-level French	3 CR
GEOG	3XX	Any 300-level Geography	3 CR
PHIL	3XX	Any 300-level Philosophy	3 CR

Cultural Foundations

One of:

ANTH	3XX	Any 300-level Anthroplogy	3 CR
ARHI	3XX	Any 300-level Art History	3 CR
ARKY	3XX	Any 300-level Archaeology	3 CR
HIST	3XX	Any 300-level History	3 CR
GEOG	3XX	Any 300-level Geography	3 CR
GNST	300	Gender Studies	3 CR

Social and Behavioural Sciences

One of:

ANTH	3XX	Any 300-level Anthropology	3 CR
ARKY	3XX	Any 300-level Archaeology	3 CR
PSYC	3XX	Any 300-level Psychology	3 CR
SOCI	3XX	Any 300-level Sociology	3 CR

Humanities

Three of:

DRAM	XXX	Any 300 or 400 level Drama	3 CR
ENGL	3XX	Any 300-level English	3 CR
HIST	3XX	Any 300-level History	3 CR
PHIL	3XX	Any 300-level Philosophy	3 CR

Electives

Four of:

Any of the other 300 -or 400-level University Transfer courses listed above.

Important: No single course can satisfy more than one of the above requirements.

Work Placement (Optional)

HSSW	300	Work Placement	6 CR

Practicum/Fieldwork

Not applicable.

Program Progression

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, students must:

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

Transfer & Pathways

Students should consult Transfer Alberta for information regarding transfer credit and pathways for programs and individual courses. Students are encouraged to consult academic calendars of their intended transfer institution regarding admission requirements and course selection. A Medicine Hat College Academic Advisor or a University Academic Advisor can help students interpret and apply these requirements. Students are responsible for making informed course choices as part of their program planning. Students may access the Transfer Alberta Search Tool online at transferalberta.alberta.ca/transfer-alberta-search to determine Medicine Hat College course equivalents.

Royal Roads University

Graduates are eligible to enter the third year of the Bachelor of Arts in Professional Communication or Bachelor of Arts in Interdisciplinary Studies. Students must present a minimum 3.0 GPA (B grade) and meet all other admission criteria. Contact a Royal Roads University Academic Advisor for further information.

Program Length: 2 years
Intake: Fall

Program Description

Recognizing the large and growing demand for skilled computer professionals and the diversity of skills needed in the computer field, Medicine Hat College offers a two year Information Technology Diploma with two majors:

- Software and Internet Development (two years)
- Network and System Administration (two years)

The program is designed to be flexible. Students will be asked to select a major when they apply to the program. However, the first year of the program is common to all students and students may have the opportunity to change their major based on their aptitudes and career goals as well as availability of seats in the major. Movement between majors will require re-applying to the major of your choice by September 1 of the second year.

Career Opportunities

- Systems Analysis
- Network Administration
- Software Development
- Technical Support

Industry Credentials

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.

Admission Requirements

High School Route

- ELA 30-1 (min. 50%) or ELA 30-2 (min. 60%)
- Math 30-1 (min. 50%) or Math 30-2 (min. 65%), or Math 20-1 (min. 65%)

Mature Route

Same requirement as high school route.

Transfer/Post-Secondary Route

Not applicable.

Additional Selection Criteria

Not applicable.

Post-Admission Requirements

Not applicable.

Program Outline (All Majors)

Year One - Semester 1

ITEC	100	Professional Communications I	4 CR
ITEC	110	A+ Computer Technology I	4 CR
ITEC	120	Applied Mathematics	4 CR
ITEC	140	Programming Fundamentals I	4 CR
ITEC	150	Application Software	4 CR

Year One - Semester 2

ITEC	130	A+ Computer Technology II	4 CR
ITEC	145	Programming Fundamentals II	4 CR
ITEC	155	IT Systems Support	4 CR
ITEC	170	Networking Fundamentals	4 CR
ITEC	190	Web Development I	4 CR

Program Outline (Software and Internet)

Year Two - Semester 3

ITEC	230	Emerging Technologies I	4 CR
ITEC	270	Database Management I	4 CR
NETW	290	Network Administration	4 CR
PROG	210	Systems Analysis & Design	4 CR
PROG	225	Intermediate Programming	4 CR

Year Two - Semester 4

ITEC	240	Web Server Administration	4 CR
ITEC	275	Database Management II	4 CR
ITEC	281	Business and Accounting Principles	4 CR
PROG	245	Dynamic Web Application Development	4 CR
PROG	280	Advanced Programming	4 CR

Program Outline (Network and Systems)

Year Two - Semester 3

ITEC	230	Emerging Technologies I	4 CR
ITEC	260	Applied Technical Support I	4 CR
NETW	200	Enterprise Networking	4 CR
NETW	220	Microsoft Server Technologies	4 CR
NETW	290	Network Administration	4 CR

Year Two - Semester 4

ITEC	240	Web Server Administration	4 CR
ITEC	265	Applied Technical Support II	4 CR
ITEC	281	Business and Accounting Principles	4 CR
ITEC	285	Security	4 CR
NETW	222	Advanced Microsoft Server Technologies	4 CR

NOTES:
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

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.

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.

Practicum/Fieldwork

Co-op Program Option

Co-op Education is an integrated approach to higher education that enables bright, highly motivated students to integrate their academic program with paid, relevant work experience in their chosen field. The special Co-op designation on their diploma testifies to their accomplishments and helps them gain solid work opportunities.

Admission to the co-op program will occur at the end of the first semester and will be based on:

- academic standing
- evaluation of the two written communications assignments in ITEC 100
- work term availability
- approval of the IT faculty

Program Progression

Information Technology Certificate

Students must achieve a minimum C- grade in all prerequisite courses, unless otherwise stated in the course outline.

Graduation Requirements

To successfully complete the Information Technology Diploma students must:

- Successfully complete all 100-level courses in the program and all 200-level courses required for their major
- Attain a minimum 2.0 GPA
- Obtain no more than one D or D+ grade in 100-level courses and a minimum grade of C- in all 200-level courses
- Co-op students must also successfully complete both required co-op courses

To receive an Information Technology Certificate, students must:

- Successfully complete ten 100-level courses required for the Information Technology Program
- Attain a minimum 2.0 GPA
- Optain no more than one D or D+ grade

Transfer & Pathways

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

Athabasca University

Graduates are eligible to receive block transfer of 30 credits toward the post-diploma Bachelor of Science in Computing and Information Systems. Students may receive up to 30 additional credits on a course-by-course basis, provided courses in the diploma fulfill requirements of AU's Bachelor of Science Post- Diploma programs. Contact an Athabasca University Academic Advisor for further information.

University of Lethbridge

Graduates of the Software and Internet Development major are eligible to receive 60 credits toward the Post-Diploma Bachelor of Science – Computer Science Major. Students must present a minimum cumulative GPA of 2.50 (on a 4.0 scale). Contact a University of Lethbridge Academic Advisor or visit www.ulethbridge.ca/ross/post-diploma/details/816 for further information. This pathway is currently under review; please contact transfer@mhc.ab.ca for confirmation of status.

NAIT

Graduates of the Software and Internet Development major with a cumulative 2.3 GPA are eligible to enter the Bachelor of Information Systems Technology Information Systems Major. Contact a NAIT Academic Advisor for further information. This pathway is currently under review; please contact transfer@mhc.ab.ca for confirmation on status.

Graduates of the Network and System Administration major with a cumulative 2.3 GPA are eligible to enter the Bachelor of Information Systems Program Network Management Major. Contact a NAIT Academic Advisor for further information. This pathway is currently under review; please contact transfer@mhc.ab.ca for communication on status.

Graduates who satisfy the entrance requirements are eligible for admission into the third year of the Bachelor of Technology. Contact NAIT Academic Advisor for further information.

Royal Roads University

Graduates are eligible to enter the third year of the Bachelor of Arts in Interdisciplinary Studies. Students must present a minimum 3.0 GPA (B grade) and meet all other admission criteria. Contact a Royal Roads University Academic Advisor for further information.

Program Length: 1 year
Intake: Fall

Program Description
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 inter-cultural experience
- utilize learned tools to develop and reflect upon one's own inter-cultural awareness and skills
- appreciate and value diverse ideas, systems and ways of life

Career Opportunities
Not applicable.

Industry Credentials
Not applicable.

Admission Requirements
High School Route
Not applicable.

Mature Route
Not applicable.

Transfer/Post-Secondary Route
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.

Additional Selection Criteria
Not applicable.

Post-Admission Requirements
Not applicable.

Program Outline
Year One
One of:

GNED	230	Citizenship without Borders (GNED 1301)	3 CR
GNED	234	Communities and Societies (GNED 1304)	3 CR

One additional course from this list:

ANTH	203	Introduction to Social and Cultural Anthropology	3 CR
ANTH	213	Contemporary Indigenous Issues in Canada	3 CR
ENGL	353	North American Indigenous Literature (ENGL 3353)	3 CR
GNED	230	Citizenship Without Borders (GNED 1301)	3 CR
GNED	234	Communities and Societies (GNED 1304)	3 CR
RELI	205	The Nature of Religion	3 CR
MGMT	391	Global Sustainable Business	3 CR
MKTG	280	International Business and Culture	4 CR
EDUC	4351*	Indigenous Perspectives in Education	3 CR
EDUC	4325*	The Impact of Social Issues in Education and Schooling	3 CR
ECED	213*	Inclusive Care and Education	3 CR
SLWK	220*	International Social Work Practicum	7.5 CR

**enrolment restricted by program*

A course cannot normally count towards both coursework and the study abroad or intercultural experience.

Practicum/Fieldwork
Not applicable.

Program Progression
Not applicable.

Graduation Requirements
Students must complete six credits in coursework towards the certificate with a minimum GPA of 2.0 and no grade lower than C-.

Students must also complete inter-cultural development training and a documented inter-cultural or study abroad experience, facilitated by MHC International Education, to include:

- Inter-cultural Development Training program, offered by International Education
- inter-cultural 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 inter-cultural experience of 15 hours or more

Transfer & Pathways
Not applicable.

Intermediate Accounting Post-Diploma Certificate

Program Length: 1
Intake: Fall

Program Description
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.

Career Opportunities
- Accounting Technician
- Accounts Payable Clerk
- Bookkeeper
- Accounts Receivable Clerk

Industry Credentials
Not applicable..

Admission Requirements
High School Route
Not applicable.

Mature Route
Not applicable.

Transfer/Post-Secondary Route
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

Additional Selection Criteria
Not applicable.

Post-Admission Requirements
Not applicable.

Program Outline
Year One - Semester 1

ACCT	211	Intermediate Accounting I	4 CR
ACCT	219	Taxation	3 CR
ACCT	276	Advanced Computerized Accounting	3 CR
MGMT	284	Business Statistics I	3 CR
MGMT	395	Business Law	3 CR

Year 1 - Semester 2

ACCT	213	Intermediate Accounting II	4 CR
ACCT	215	Managerial Accounting	3 CR
COMM	252	Advanced Business Communications	3 CR
FINA	255	Finance	3 CR
MGMT	285	Business Statistics II	3 CR

Year 1- Semester 3

ACCT	290	Work Integrated Learning	6 CR

Practicum/Fieldwork
This certificate program includes a work integrated learning course that provides students with a hands-on learning opportunity where theory and practice are integrated.

Program Progression
Not applicable.

Graduation Requirements
To successfully graduate from this program students must complete the courses listed above or equivalent substitutes and:

- attain a minimum cumulative GPA of 2.3
- achieve no grade lower than C
- achieve a grade of CR in ACCT 290

Transfer & Pathways
Medicine Hat College
Graduates of Intermediate Accounting may continue their studies in the Advanced Accounting post-diploma certificate program.

Program Length: 2 years
Intake: Fall

Program Description

Kinesiology is an academic discipline that focuses on the study of human movement. Its goal is to use evidence-based research to improve human health, wellness, and athletic performance. The Kinesiology diploma is a two-year program that prepares graduates to work as qualified exercise professionals in a variety of fitness, health, sports, rehabilitation, and recreation environments.

In this program students acquire theoretical knowledge and practical skills around topics such as anatomy and physiology, fitness principles, nutrition, fitness assessment and exercise prescription, growth and development, exercise physiology, coaching, and the prevention and management of athletic injuries. This knowledge will become the basis for practical, work-integrated learning (WIL) experiences in a variety of sport, clinical, recreation, and wellness settings.

Most of the courses in the diploma program also transfer to a variety of degree-granting institutions so that students can continue your university transfer in Kinesiology or a related field.

Career Opportunities

Graduates of the program are employable in entry-level positions in kinesiology-related environments such as:

- Athletic teams
- Fitness Clubs
- Health and Wellness Centres
- Physical Therapy Clinics
- Recreational Centres
- Rehabilitation Centres
- Senior Centres
- Sports Organizations

Industry Credentials

Students within this program will have the opportunity to achieve the following industry certifications:

- Canadian Society for Exercise Physiology (CSEP) Certified Personal Trainer (CPT)
- National Coaching Certification Program (NCCP) Modules
- Sports Medicine Council of Alberta (SMCA) – Sport Trainer
- CPR-C and Emergency First Aid
- Students are eligible to complete the CSEP-CPT national certification upon successful completion of all the coursework. This is not required for successful completion of the program but rather an opportunity to gain a valuable industry certification. Students are responsible for any fees associated with obtaining this certification.

Fitness Requirements

Students must submit a Get Active Questionnaire (GAQ) prior to commencing any course work. This ensures all students have clearance to participate in unrestricted physical activity or physical activity with appropriate limitations or exclusions. Any positive responses to the GAQ will require physician clearance prior to engaging in any physical activity.

Applicants should also be aware that some of the courses lab work and the work-integrated learning may consist of moderate to vigorous physical activity. To maximize the practical learning associated with those labs, students are expected to fully participate unless supporting medical documentation indicates otherwise.

Admission Requirements

High School Route

Overall average of at least 60% and a minimum grade of 50% in:

- ELA 30-1
- Biology 30
- Math 30-1 or Math 30-2
- One 30-level academic subject
- One Grade 12 5-credit subject (excluding special projects)

Mature Route

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

Transfer/Post-Secondary Route

Not applicable.

Additional Selection Criteria

Students whose first language is not English must meet **Advanced English Language Proficiency** as set forth in the Admissions section of the Calendar.

Post-Admission Requirements

Not applicable.

Program Outline

Year One - Semester 1

KNES	204	Sociocultural Aspects of Leisure & Sport	3 CR
KNES	250	Introduction to the Administration of Sport and Physical Education Programs	3 CR
KNES	261	Human Anatomy	4 CR
PHSL	370	Introduction to Human Physiology I	4 CR

One of:

KNES	2XX	Any 200-level Kinesiology	3 or 4 CR
STAT	2XX	Any 200-level or higher Statistics	4 CR

Year One - Semester 2

ENGL	2XX	Any 200-level English	3 CR
KNES	220	Prevention and Care of Athletic Injuries	4 CR
KNES	247	Introduction to Wellness, Fitness & Nutrition	4 CR
NUTR	200	Introduction to Nutrition	3 CR
PHSL	371	Introduction to Human Physiology II	4 CR

Year Two - Semester 3

PSYC	200 or 201	Introduction to Psychology I - Natural Science or Introduction to Psychology I - Social Science	3 CR
KNES	240	Adapted Physical Education	3 CR
KNES	260	Introduction to Coaching	3 CR
KNES	290	Growth and Development	4 CR
KNES	373	Exercise Physiology	4 CR

Year Two - Semester 4

KNES	206	Psychology of Sport and Physical Activity	3 CR
KNES	255	Biomechanics	4 CR
KNES	270	Fitness Assessment and Exercise Prescription	4 CR
KNES	295	Practicum/Work Experience	3 CR
KNES	2XX	Any 200-level Kinesiology	3 or 4 CR

Practicum/Fieldwork

As part of the Kinesiology diploma, every student will be required to complete a practicum. The practicum is a non-paid work-integrated learning experience designed to give students supervised practical application of the theories and concepts learned through the program. All courses and requirements from the first three semesters of the program must be completed appropriately and satisfactorily prior to commencing the practicum. Failure to do so will result in the student not being permitted into the practicum course.

Students may be required to provide a Police Information Check with Vulnerable Sector Search to the practicum placement supervisor prior to starting the placement. A current First Aid and CPR-level C certificate will be required in practicum placements. Please note that students are responsible for any fees involved in meeting these practicum requirements.

Program Progression

In order to remain in the program, students must:

- attain a minimum cumulative GPA of at least 2.0 at the end of year one
- attain a minimum final grade of ‘C’ in all KNES, PHSL, and NUTR courses and a ‘C-‘ in all other courses

Graduation Requirements

To successfully complete the Kinesiology Diploma students must:

- attain a minimum final grade of ‘C’ in all KNES, PHSL, and NUTR courses and a C- in all other courses
- attain a grade of CR in KNES 295
- attain a minimum cumulative GPA of 2.0

Transfer & Pathways

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

The Kinesiology diploma program serves as a foundation for further education within the field by offering many of the same courses as the University Transfer Kinesiology program; however, additional coursework may be required as not all courses within this diploma program will provide transfer credit towards a Bachelor of Kinesiology and/or additional courses may be required for successful transfer. Upon successful completion of the program, students are awarded a diploma from Medicine Hat College, but they can also use many of their courses for credit transfer should they wish to further their education in Kinesiology.

University of Lethbridge - Dual Admission

This program has a Dual Admissions agreement with the University of Lethbridge (U of L) that provides students with early access and security in their U of L transfer pathway. Contact an MHC Academic Advisor for specific details and requirements to become a dual admitted student.

Royal Roads University

Graduates are eligible to enter the third year of the Bachelor of Arts in Interdisciplinary Studies. Students must present a minimum 3.0 GPA (B grade) and meet all other admission criteria. Contact a Royal Roads University Academic Advisor for further information.

Program Length: 1 year
Intake: Fall

Program Description
This certificate serves as a stand-alone certificate that builds on students' previous academic knowledge.

Program Outcomes
Apply key marketing theories, frameworks, and tools to solve marketing problems. Formulate a marketing plan to meet the needs or goals of a business or organization. Communicate marketing information persuasively and accurately in oral, written, graphic and interactive media formats.

Evaluate the impact of different marketing strategies for return on Investment (ROI) and achievement of business goals.

Career Opportunities
- Marketing Consultant
- Social Media Manager
- Market Research Analyst
- Advertising Coordinator

Industry Credentials
Not applicable.

Admission Requirements
High School Route
Not applicable.

Mature Route
Not applicable.

Transfer/Post-Secondary Route
Graduation from a diploma at an accredited post-secondary institution.

NOTE: Special acceptance to the program can be made by the Dean if equivalent work experience, education or training is provided.

Additional Selection Criteria
Not applicable.

Post-Admission Requirements
Not applicable.

Program Outline
Year One - Semester 1

ARDE	329	Web Design Fundamentals I	4 CR
MGMT	150	Strategic Communication	3 CR
MKTG	325	Evidence-Based Marketing	3 CR
MKTG	171	Marketing	3 CR
MKTG	251	Digital Design for Marketing	3 CR

Year One - Semester 2

ARDE	429	UI/UX	4 CR
MKTG	345	Managing Marketing Relationships	3 CR
MKTG	355	Creating Brand Intelligence	3 CR
MKTG	290	Community Service Project	3 CR
SEMM	271	Digital Marketing	3 CR

Practicum/Fieldwork
This certificate includes a work integrated learning course that provides students with a hands-on learning opportunity where theory and practice are integrated.

Program Progression
Not applicable.

Graduation Requirements
To graduate from the programs, students must:
- Compete all required courses and attain a minimum GPA of 2.0

Transfer & Pathways
Not applicable.

Bachelor of Science in Nursing (BScN)
University of Calgary BScN at Medicine Hat College

Program Length: 4 years
Intake: Fall

Program Description

The University of Calgary (UCalgary) Bachelor of Science in Nursing (BScN) program at Medicine Hat College (MHC) is a four-year collaborative degree offered entirely at the MHC campus. The BScN program is designed for students to complete their entire Nursing degree at the MHC site.

The BScN degree provides graduates with the background, competencies, and skills required to enter the nursing profession. Throughout the program, students are provided with a sound theoretical base and supervised practice experience in a variety of nursing settings.

Students apply to MHC and are MHC students for the first and second years of the program. Upon successful completion of the first two years of the program, students apply to UCalgary as a third-year student and are guaranteed acceptance if they have met all the UCalgary entrance requirements. Students take years three and four as a UCalgary student at the MHC campus. Students enrolled in the BScN program at MHC are not permitted to transfer to the UCalgary main campus or other off-site locations.

Career Opportunities

Nursing offers a wide range of career opportunities. With a BScN degree and successful completion of the National Council Licensure Examination (NCLEX), graduates can pursue licensure and explore various nursing roles, including:

- Acute care
- Extended care facilities
- Occupational health nursing
- Penitentiary nursing

Industry Credentials

To be eligible to write the National Council Licensure Examination (NCLEX) students must successfully complete the BScN program and have their confirmation of program completion submitted to the Canadian Registered Nurses of Alberta (CRNA) or the relevant regulatory body.

Professional Conduct

The study of nursing practice places students in a position of special trust with Registered Nurses, other healthcare professionals, and their patients or clients. The nursing program acknowledges that nursing education occurs both inside and outside the classroom and holds the responsibility of ensuring that its graduates are competent and ethical. Students are expected to comply with all MHC and UCalgary policies, regulations, and guidelines. While nursing students in the program are not regulated members of CRNA, they are expected, as part of their formation as professional nurses, to adhere to the professional and ethical standards for Registered Nurses as outlined by:

- Canadian Nurses Association Code of Ethics for Registered Nurses (2025): www.cna-aiic.ca/en/nursing/regulated-nursing-in-canada/nursing-ethics/2025-coe
- CRNA Practice Standards for Regulated Members (2023): https://app-contentmanagementprod.azurewebsites.net/media/h5ff0jit/14-practice-standards-for-registrants-2023.pdf
- CRNA Entry Level Competencies for the Practice of Registered Nurses (2019): https://cms.nurses.ab.ca/media/p4nel3mq/9-entry-level-competencies-for-the-practice-of-registered-nurses-mar-2019.pdf
- CRNA Requisite Skills and Abilities for Becoming a Registered Nurse in Alberta (2022): https://www.nurses.ab.ca/media/bhvmngcz/requisite-skills-and-abilities-for-becoming-a-registered-nurse-in-alberta-2022.pdf

Duration of the Degree Program

Except with special permission of the Academic Chair of Nursing, Associate Dean Undergraduate Programs, or delegate, the BScN degree must be completed within seven calendar years from the date of initial registration in the program.

Admission Requirements

Admission to the BScN program is competitive and enrolment in the BScN program is limited. Meeting admission requirements does not guarantee admission into the program. While every attempt will be made to accept all qualified applicants, enrolment will be limited to the number of students that can be accommodated by the resources available to maintain an acceptable quality of education. Applicants will be accepted on the basis of academic standing in high school and/or previous post-secondary education completed.

High School Route

Must have an overall average of 65%, with no grade lower than 50%:

- ELA 30-1
- Biology 30
- Chemistry 30 or Science 30
- Math 30-1 or Math 30-2*
- One additional 30-level subject (if under 21) OR CTS courses totaling at least 5 credits from the approved list on the UCalgary website or Work Experience 35.

Mature Route

Mature students over 21 years of age do not require the additional 30-level subject.

Must have an overall average of 65%, with no grade lower than 50%:

- ELA 30-1
- Biology 30
- Chemistry 30 or Science 30
- Math 30-1 or Math 30-2*

** Mathematics 30-2 is preferred*

Attendance in a Prior Nursing Program

Applicants who have been previously or are currently enrolled in a baccalaureate Nursing program at another institution, must submit:

1. A letter which outlines their academic plans and explains their reasons for transferring to the MHC BScN program and,
2. Additional documentation to confirm they are in good standing (currently enrolled students only).

A follow-up interview with the Academic Chair of Nursing may be required as part of the review process. Admission is not automatic; applicants will be considered on an individual basis. In instances where applicants have failed prior nursing courses or have been required to withdraw from a prior nursing program, the letter must also explain why they are now likely to be successful. The program does not normally accept applications from students who have been required to withdraw, or who have been expelled from any school or college of nursing.

Post-Admission Requirements

Failure to submit program requirements before the first day of class will result in a hold being placed on the student account and access to class material denied. If the student does not submit all required documents within 14 days of the hold being placed on the account, the student will be required to withdraw from all classes and re-apply for admission to the program in the future. All program requirements must be submitted to the following email by August 1, 2026: yshcs@mhc.ab.ca

Immunization Requirements

Students in the BScN program must complete the required immunizations to participate in clinical placements. Required immunizations follow Alberta Health Services (AHS) guidelines. Students admitted into the BScN program are required to submit proof of immunization. Documented proof of completion must be provided to the program prior to the student's first day of classes in year 1 of the program.

Throughout the program, students are required to ensure that immunizations are current and must provide proof of updates to the program as required. Students who do not have current and complete immunizations may not be able to complete clinical placements required in the program. Immunization requirements may change during the program.

Police Information Check (PIC)

All applicants to the BScN program are required to provide a current Police Information Check (PIC), which includes a Criminal Record Check and Vulnerable Sector Search. Without this documentation, admission to the program may be rescinded or there may be delays to program progression. To be considered 'current', the PIC must be completed during the 6 weeks prior to starting clinical placement. Students who are concerned about the presence of a criminal record should contact the Parole Board of Canada for information on receiving a Canadian Pardon/Record Suspension. Subsequent to admission, and at any time during the program, a student may be required to produce a current PIC with Vulnerable Sector search, the results of which could require their withdrawal from the program. Students are required to inform the Program Coordinator immediately of any change in the status of their criminal record.

Work Permit

Upon admission to the program, International Students must present a valid Co-op/Internship Work Permit. The Work Permit must be presented to the program, prior to the first day of classes. In addition, the Work Permit must remain valid for the duration of the program.

Cardio Pulmonary Resuscitation (CPR) Certification

All BScN students will be required to submit proof of current CPR Certification (valid for a 12-month period from date of course completion). CPR is synonymous with the Heart and Stroke Basic Life Support (BLS) courses, which are highly recommended. Students will be responsible for obtaining course training and certification on an annual 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 program requirement that can be scheduled and completed on campus before the first day of class for year one nursing students. Documented proof of the test must be provided to yshcs@mhc.ab.ca prior to the commencement of the program. Fit testing is valid for two years; therefore, students will need to schedule a second fit testing prior to expiration while in the program.

Skills and Abilities for Becoming a Registered Nurse in Alberta

Nursing students require certain basic skills and abilities to progress through a nursing education program and for initial entry to practice as a Registered Nurse in Alberta. Prospective students are encouraged to review the document " CRNA Entry Level Competencies for the Practice of Registered Nurses (2019): www.nurses.ab.ca/media/5ndpyfar/entry-level-competencies-for-the-practice-of-registered-nurses-mar-2019.pdf to identify their fit with the requirements of becoming a registered nurse and/or identify their potential need for accommodation[1] in becoming a member of the nursing profession.

Connect Care

Connect Care is an electronic health platform that is a new way of using and sharing health information to improve patient care. Students require Connect Care access for clinical placements. All Connect Care training is mandatory prior to the start of the clinical experience.

1 Accommodation is the process of making alterations (to the point of undue hardship) to the delivery of services so that those services become accessible to more people, including people with disabilities. (Alberta Human Rights Commission)

Preparation involves completion of Connect Care e-learning modules prior to the Instructor Led Training (ILT) sessions. Students must be available prior to the start of the semester for their ILT. For fall courses, students must be available 10–14 business days prior to the start of the fall semester for ILT training. Depending on the student's clinical placements for winter courses, students may require additional ILT in December or January. Students are required to be available in December and January exclusive of dates when Medicine Hat College is closed. AHS schedules all training and rescheduling of ILT dates is not permitted. Failing to complete any component of the Connect Care training may result in delay or deferral of the course. Attending any clinical site without mandatory training/access is prohibited.

Program Outline

Year One - Semester 1

BIOL	275	Basic Anatomy and Physiology I	4 CR
NRSG	202	Indigenous Health Studies	3 CR

Year One - Semester 2

BIOL	277	Basic Anatomy and Physiology II	4 CR
NRSG	201	Introduction to Nursing	3 CR

Year One - Required Options (taken in Semester 1 or 2)

ARTS	2XX	Any 200-level or higher Arts Option	3 CR
ENGL	2XX	Any 200-level or higher English Option	3 CR
PHIL	2XX	Any 200-level or higher Philosophy Option	3 CR
SCIE	2XX	Any 200-level or higher Science Option	4 CR
STAT	2XX	Any 200-level or higher Statistics Option	4 CR
OPTN	2XX	Any 200-level or higher Open Option	3 or 4 CR

**Optional spring semester: Students are encouraged to complete the 4th year required open option in the spring of year 1 or 2 instead of year 4.*

Year Two - Semester 3

NRSG	305	Microbiology and Biochemistry	3 CR
NRSG	310	Foundations of Relationship	3 CR
NRSG	320	Care of the Aging Adult	1.5 CR
NRSG	321	Health Promotion	1.5 CR
NRSG	350	Care of the Aging Adult Practicum	3 CR
NRSG	351	Health Promotion Practicum	3 CR

Year Two - Semester 4

NRSG	330	Nursing Amid Complexity	3 CR
NRSG	331	Pathophysiology I	3 CR
NRSG	332	Pharmacology I	3 CR
NRSG	352	Acute Care Nursing I Practicum	6 CR

In years 3 and 4, students must register for courses with the University of Calgary.

Year Three - Semester 5

NRSG	401	Evidence-Informed Nursing	3 CR
NRSG	430	Pharmacology II	3 CR
NRSG	450	Consolidated Practicum	6 CR
NRSG	530	Pathophysiology II	3 CR

Year Three - Semester 6

NRSG	410	Nursing as Ethical Practice	3 CR
NRSG	531	Pathophysiology III	3 CR

Students will be registered in either Group A or Group B for winter year 3 semester and fall year 4 semester.

Group A:

NRSG	420	Health Through Collaboration	1.5 CR
NRSG	421	Mental Health and Illness	1.5 CR
NRSG	550	Acute Care Nursing II Practicum	3 CR
NRSG	551	Mental Health Practicum	3 CR

Group B:

NRSG	520	Care in Perinatal	1.5 CR
NRSG	521	Care in Pediatrics	1.5 CR
NRSG	552	Care in Perinatal Practicum	3 CR
NRSG	553	Care in Pediatrics Practicum	3 CR

Year Four - Semester 7

OPTN	2XX	Any 200-level Open Option*	3 or 4 CR
NRSG	501	Nursing Leadership	3 CR

Group B :

NRSG	420	Health Through Collaboration	1.5 CR
NRSG	421	Mental Health and Illness	1.5 CR
NRSG	550	Acute Care Nursing II Practicum	3 CR
NRSG	551	Mental Health Practicum	3 CR

Group A:

NRSG	520	Care in Perinatal	1.5 CR
NRSG	521	Care in Pediatrics	1.5 CR
NRSG	552	Care in Perinatal Practicum	3 CR
NRSG	553	Care in Pediatrics Practicum	3 CR

Year Four - Semester 8

NRSG	510	Resilience in Practice	3 CR
NRSG	560	Final Preceptorship Practicum	12 CR

Course Load

The nursing program is full-time, and students must complete all the required courses in the semester and sequence as they are prescribed.

Students are not allowed to take additional courses outside of their prescribed course sequence without the express permission of the Academic Chair of Nursing, Associate Dean, or delegate.

All students are responsible for completeness and accuracy of their registration and for arranging their course selections to meet all program requirements as detailed in this calendar.

Interruption of Program Leading to a Degree

Students who interrupt their studies in the program for 12 months or less will not be required to re-apply for admission but will need to comply with regulations from the year they return and must notify the program in advance of their intent to return.

Students who step-out for more than 12 months, or students who are required to withdraw for academic reasons must re-apply for admission and meet all current admission requirements including the competitive grade point average.

Students whose program is interrupted due to unforeseen circumstances (eg. illness, injury, etc.) and cannot complete the semester, may be required to complete all coursework at the next available offering. Each situation will be reviewed on an individual basis by the Academic Chair of Nursing, Associate Dean Undergraduate Programs, or delegate.

Clinical/Practicum

Students are advised to read the general MHC and UCalgary regulations regarding attendance.

Students may be required to complete practice experience at sites other than the location of their residence. Students' practice experience may also be scheduled at various hours, including evenings, nights, and weekends. Nursing students are responsible for all travel, parking, and accommodation costs related to practice. Students must demonstrate satisfactory practice performance as delineated in the behavioral objectives of the course. Participation in all activities that are related to practice courses is mandatory.

Students must demonstrate satisfactory practice performance as delineated in the behavioral objectives of the course. Participation in all activities that are related to practice courses is mandatory.

Failure to fully participate in practice and tutorial sessions will be reviewed by the faculty members teaching the course. Students are advised that evaluation will be based in large measure on their day-to-day performance.

Students who miss one or more lab/clinical/practicum 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 semester work pending availability of resources. If mandated to withdraw from the practice course, the student may be required to also withdraw from corequisite nursing theory courses and repeat at a later date along with the practice course. Each situation will be reviewed on an individual basis by the Academic Chair of Nursing, Associate Dean of Undergraduate Programs, or delegate.

An instructor who determines that a student is not meeting nursing practice standards or otherwise poses a risk to client health and safety, or public health more generally, will initiate a Practicum Intervention. Expectations are based on the College of Registered Nurses of Alberta (CRNA) and the Canadian Nurses Association (CNA) standards. If the final outcome of the Practice Intervention results in a grade of "F", the student may appeal such a decision by following the appeals process. The program follows CRNA's Practice Standards for Registrants which states: "Standards of practice are foundational to the provision of safe, competent and ethical registered nurse (RN) and nurse practitioner (NP) practice." (https://cms.nurses.ab.ca/media/p4nel3mq/9-entry-level-competencies-for-the-practice-of-registered-nurses-mar-2019.pdf)

Program Progression

Progression from year-to-year is by recommendation of the nursing program. For the purposes of progression, semesters 1 and 2 are taken in year 1; semesters 3 and 4 in year 2; semesters 5 and 6 in year 3; and semesters 7 and 8 in year 4.

The minimum requirement is a grade point average of 2.00 in each of the first two years and 2.50 in each of the last two years.

Academic standing of students registered in the BScN program is reviewed at the end of each Fall and Winter semester as per the Academic Standing Requirements.

The program reserves the right to assess students' academic standing at any time. The program may refuse permission to a student or prospective student to enter any year of any course, if, in the opinion of the Chair of Nursing, Associate Dean or designate, the student shows a lack of general educational attainment. Further, a student whose performance in the practice area, in the classroom, in tests, or in final examinations is unsatisfactory, may at any time be required to withdraw from the faculty.

Academic Standing Requirements

End of Semesters 2 and 4:

- 2.00 GPA or above: In Good Academic Standing
- 1.70 – 1.99 GPA or required to repeat any nursing course: Continuation in Nursing on probation
- 0.00 – 1.69 GPA: Required to withdraw from the program

End of Semesters 6 and 8:

- 2.50 GPA or above: In Good Academic Standing
- 2.00– 2.49 GPA or required to repeat any nursing course: Continuation in Nursing on probation
- 0.00 – 1.99 GPA: Required to withdraw from the program

Students must obtain a minimum grade of C+ in NRSG theory or CR in practice courses to be eligible for the subsequent course. Students will not be permitted to withdraw from nursing practice courses to avoid a failing grade or to avoid academic misconduct. Students may repeat a course previously attempted only once.

Students who do not obtain a minimum grade of C+ in NRSG theory or CR in practice courses will be placed on academic probation. Students will be required to clear probation by repeating all corequisite nursing theory and practice courses in the previous semester(s) and achieve satisfactory standing. Students are encouraged to speak to the academic advisor if considering withdrawing from a course and must also obtain program approval. The student must meet with the Chair of Nursing, Associate Dean or delegate, to determine a progression plan.

All credit courses that have been completed since the previous review are used for the purpose of academic review. This includes all attempts at repeated courses.

UCalgary and MHC regulations permit students a maximum of one probationary period while registered as an undergraduate student. Students who are on academic probation will have to maintain satisfactory standing (See Academic Standing Requirements) in each subsequent year to continue in the nursing program.

Students required to withdraw may not be readmitted in the twelve-month period following their withdrawal. Written application must then be made to the Chair of Nursing (or delegate).

Students placed on academic probation or required to withdraw as a result of the academic performance review will be advised in writing.

Graduation Requirements

To be awarded the Bachelor of Science in Nursing degree from the University of Calgary, students must maintain a minimum grade point average of 2.00 at the end of Semesters 2 and 4 and 2.50 at the end of Semester 6 and 8.

Reappraisal/Appeals

Appeals in semesters 1, 2, 3, and 4 will be governed by Medicine Hat College regulations and procedures.

Appeals in semesters 5, 6, 7, and 8 initiated by students at Medicine Hat College Site will be governed by the University of Calgary's Nursing Faculty regulations and procedures.

Fees and Expenses

Tuition will be paid to MHC in years 1 and 2 and University of Calgary in years 3 and 4.

Third and fourth years of the nursing program are University of Calgary courses. The numbering system is based on the guidelines of this institution. Students must register through the University of Calgary – fees are charged by the University of Calgary.

In addition to textbooks and course packages, Nursing students can expect other additional charges. Some of these may include the supplemental fees associated with lab courses, while others are an additional expense beyond the tuition and fees. Some examples include:

- Uniforms (as outlined in the Faculty of Nursing Uniform Operating Standard)
- Stethoscope
- Police Information Check
- Vulnerable Sector Check
- CPR Certification/Re-certification
- Immunizations
- N-95 Fit Test
- Travel to and from practice sites
- Parking fees at practice sites
- Name badges
- Nurse Registration Examinations
- Lab equipment
- NCLEX Prep

Transfer and Pathways

Not applicable.

Occupational Therapist Assistant / Physical Therapist Assistant Diploma

Program Length: 2 years
Intakes: Fall (Onsite and Online), Winter (Online-only)

Program Description

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 healthcare and rehabilitation team. Working with clients of all ages ranging from infants to older adults with a variety of health conditions, students learn how to use a variety of interventions to help clients achieve their functional potential. The activities may include group activities; exercise for strength, flexibility, balance and coordination; use of assistive devices, and various electrotherapy and physical modalities. An OTA/PTA's responsibilities also include monitoring and recording client progress, and reporting the information back to the OT or PT.

The diploma is offered both onsite at Medicine Hat College or via online. Onsite 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 to the SLPA diploma after completion of the OTA/PTA diploma. This diploma also transfers to degree programs.

Program Accreditation

The Occupational/Physical Therapist Assistant Program at Medicine Hat College has been accredited by the Occupational Therapist Assistant and Physiotherapist Assistant Education Accreditation Program (OTA & PTA EAP) in collaboration with Physiotherapy Education Accreditation Canada (PEAC) and the Canadian Association of Occupational Therapists (CAOT). The status of Accreditation was awarded to the program on April 30, 2022 for the period until April 30, 2028.

Online Learning

- Students enrolled in online learning must develop a program plan of study with the Academic Advisor prior to taking any courses.
- Students enrolled in online learning are expected to participate in experiential learning opportunities that are group or individually based. Students must travel to Medicine Hat College for one weekend lab in each of OPTA 212, OCTA 215, OCTA 216, PHTA 215, and PHTA 216.
- Students normally complete all courses as per the sequence in the program. Courses completed out of sequence will require submission of Prerequisite Waiver forms and approval from the program coordinator.
- Tuition and other fees are charged on a course by course basis; textbooks and supplies are additional.
- Courses offered online may have additional start dates (e.g. September, January, and March)

Part-Time Program

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

Career Opportunities

Graduates from this program have very high employment rates. They find employment in both rural and urban locations in most provinces across Canada similar to those experienced in practicum training such as:

- Rehabilitiation Centres
- Private Clinics
- Vocational Rehabilitation
- Long-Term-care facilities

Industry Credentials

Not applicable.

Admission Requirements

High School Route

High school diploma with:

- ELA 30-1 (min. 60%) or ELA 30-2 (min. 60%)
- Biology 30 (min. 60%)
- Two 30-level subjects (min. 60%), one of which must be a 30-level science or Math 30-1 or Math 30-2

Mature Route

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

Transfer/Post-Secondary Route

A minimum mark of 60% or a minimum C grade in:

- ELA 30-1 or a post-secondary level equivalent or ELA 30-2
- Biology 30, a post-secondary level equivalent or a university level lab science course

Additional Selection Criteria

Students whose first language is not English must meet **Intermediate English Language Proficiency** as set forth in the Admissions section of the Calendar.

Post-Admission Requirements

After being admitted into the program, but before the documentation deadline outlined in the application letter, the following must be provided:

- Complete a standardized health form, program of immunization. Students will receive a health questionnaire and immunizations checklist that must be completed. In some cases, a chest X-ray may be required.
- Provide a current Police Information Check (PIC) with Vulnerable Sector Check. (Students are obligated to inform the Program Coordinator immediately of any change in the status of their criminal record.) A positive PIC may prevent fieldwork placements and, as a result, completion of the program.

- Provide current Intervention Record Check.

During the program, students must:

- Provide proof of current CPR/AED Certification from one of the following:
  - Heart & Stroke Foundation (BLS - Basic Life Support)
  - Canadian Red Cross (HCP - Health Care Provider)
  - St. John Ambulance (CPR - Health Care Provider)
- Obtain an N-95 Mask Fit Test

Program Outline

Year One - Semester 1

IDST	100	Introductory Communications for Helping Professionals	4 CR
ENGL	XXX	Any 100- or 200-level English	3 CR
KNES	261	Human Anatomy	4 CR
PSYC	2XX	Any 200-level Psychology (PSYC 201 recommended)	3 CR
TAPC	110*	Introduction to Health Care and Rehabilitation	3 CR

Year One - Semester 2

KNES	265	Functional Anatomy	4 CR
SOCI	2XX	Any 200-level Sociology	3 CR
TAPC	111	Rehabilitation Process	4 CR
TAPC	112	Health Disorders & Conditions in Rehabilitation	3 CR
TAPC	113	Growth and Development for Rehabilitation Service Providers	3 CR

Year One - Semester 3

OPTA	212	Principles and Techniques of Client Contact	3 CR

Year Two - Semester 4

OCTA	215	OTA Therapeutic Processes I	4 CR
OCTA	216	OTA Therapeutic Processes II	4 CR
PHTA	215	PTA Therapeutic Processes I	4 CR
PHTA	216	PTA Therapeutic Processes II	4 CR
TAPC	210	Professional Integration for the Therapist Assistant	1 CR

Year Two - Semester 5

OCTA	217*	OTA Therapeutic Processes III	4 CR
OPTA	217*	OTA/PTA Therapeutic Processes IV	4 CR
PHTA	217*	PTA Therapeutic Processes III	4 CR
TAPC	218	Career Preparation for the Therapist Assistant	1 CR

** These courses are fieldwork courses or contain fieldwork activities.*

Practicum/Fieldwork

- All program requirements must be completed appropriately and satisfactorily prior to commencing fieldwork.
- Students who have not successfully met their course and program requirements will not be permitted into the fieldwork courses.
- Fieldwork arrangements are made by Medicine Hat College with consideration of student preferences; however, students may be required to complete fieldwork at sites other than those requested. Once arrangements are confirmed, they are usually not modified.
- Students should expect to complete at least one fieldwork course/placement outside of Medicine Hat.
- Online students may also be required to travel outside of their home area to complete their fieldwork requirements.
- Students may anticipate additional costs associated with these placements, e.g., travel, accommodations, etc
- Fieldwork placements occur only in Canada, are unpaid, and are considered full-time.

Program Progression

- 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 five years.
- 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 semesters) may compromise your standing in the program. This also facilitates proper planning for labs and fieldwork.

Field Work

Immunization Submission and Placement Eligibility

Submission of immunizations documentation is required as a post-admission requirement for all health programs. AHS currently recommends immunizations for healthcare workers; however, individual clinical/fieldwork sites may require proof of specific immunizations and/or screening (e.g., Tuberculosis) Students are responsible for:

- Submitting records to immunizations@mhc.ab.ca (see orientation package for specific deadline),
- Maintaining up-to-date immunizations throughout the duration of the program, and
- Providing updated documentation upon request.
- All fieldwork experience must meet attendance and participation requirements as specified.

Attendance at clinical sites is at the site's discretion, including during outbreaks. If a student is denied placement or cannot attend due to immunization status, alternative placements may not be available, resulting in the inability to meet practice requirements.

Immunization requirements are subject to change based on directives from placement partners.

- Participation in all activities related to fieldwork is mandatory.

- Immunizations must be maintained throughout the program. Additional immunizations may be required for fieldwork.
- Students must successfully complete lab examinations in OPTA 212, OCTA 215, OCTA 216, PHTA 215, and PHTA 216 prior to entering fieldwork.
- All fieldwork experience must meet attendance and participation requirements as specified.
- Should a student receive an unsatisfactory evaluation on a fieldwork placement, they will be required to discuss this situation with Medicine Hat College faculty. This evaluation may result in having to repeat the placement.
- Students that receive an unsatisfactory evaluation in more than one placement, will be required to withdraw from the program.
- Students may be required to obtain a recent police information check and/or similar checks, at their expense, prior to entry into some fieldwork sites.
- Should a 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 credit in the fieldwork course.

Graduation Requirements

Students must successfully complete 20 specific courses and meet attendance, fieldwork and grade requirements as set out in the program policies.

Transfer & Pathways

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

Athabasca University

Graduates are eligible to receive up to 60 credits towards the Bachelor of Professional Arts - Human Services Major. Contact an Athabasca Univeristy Academic Advisor for further information.

University of Calgary

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

University of Lethbridge

Graduates are eligible for admission into third year of the Bachelor of Therapeutic Recreation. Students must present a minimum 2.0 GPA. Contact a University of Lethbridge Academic Advisor for further information.

Bachelor of Applied Health Sciences - Paramedic
Applied Degree

Program Length: 3 year
Intake: Fall

Program Description

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 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 healthcare environment. Transferability of some courses, which are taught from a multidisciplinary perspective, enhances the educational opportunities for graduates.

As the curriculum bridges the student through the PCP scope towards the ACP, the program at MHC does not have a standalone PCP section, however students may exit the program following the completion of all PCP didactic theory, competencies, and practicums. Student transcripts will reflect the completion of the PCP criteria so students can challenge the registration exam. (Please NOTE: the PCP completion point occurs after year 1 when practicums are completed between July and end of August. Students may need to return in early September of year 2 to attain any deficient competencies. Please refer to program coordinator for more information). Students will exit the program in year 3 with the ACP diploma following all didactic theory, practicums, and attainment of all competencies. The Applied Degree is available to students following graduation via online learning.

Paramedics think critically and clearly, act quickly, and respond calmly, while reassuring patients and families in a variety of stressful situations. Paramedics possess general skills in patient management and communication as well as skill sets specific to their discipline. Paramedics are confident and assertive in their professional role. They seek to understand the roles of other professionals and strive to work in a collaborative manner with a variety of healthcare 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 healthcare and transport needs with individuals, groups and, if necessary, in a mass casualty multidisciplinary environment.

Career Opportunities

- Public Ambulance
- Private Ambulance
- Industry Health
- Community Based Health

Industry Credentials

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 program also prepares practitioners in accordance with the Pan-Canadian Essential Regulatory Requirements (PERRs) Canadian Paramedic Competence Framework (CPCF), and supports the Paramedic Association of Canada's National Occupational Standards for Paramedics (NOSP), promoting national standards for paramedics.

Admission Requirements

Admission to the BAHSc-Paramedic program is competitive and enrolment is limited. Meeting admission requirements does not guarantee admission into the program. While every attempt will be made to accept all qualified applicants, enrolment will be limited to the number of students that can be accommodated by the resources available to maintain an acceptable quality of education. Applicants will be accepted based on academic standing in high school and/or previous post-secondary education completed.

High School Route

Overall average of at least 60% and a minimum mark of 50% in:

- ELA 30-1
- Biology 30
- Math 30-1 or Math 30-2
- One 30-level, 5-credit subject (CHEM 30 is recommended)

Mature Route

Overall average of at least 60% and a minimum mark of 50% in:

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

Transfer/Post-Secondary Route

Previous post-secondary coursework may be considered for admission. If students have previous post-secondary education, they should meet with the MHC Paramedic Advisor for information on how their coursework will be considered in the admission process.

Post-Admission 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).
- A recent Police Information Check (within two months) prior to the first day of classes. Periodic Police Information Checks may be required prior to practicum and work experience to maintain current status throughout the program and to comply with provincial laws. Students are obligated to inform the Program Coordinator immediately of any change in the status of their criminal record.

- Valid Class 5 Drivers license or GDL to meet driver training requirements (Confirmation of DL is required no later than August 1 or will not be permitted to complete the course in August).
- Students are required to complete a professional driving course. The course will be managed through an external registration process and will be a required course to successfully complete the PCP component of the program (year one) and to advance in the program. Further information and registration details to be provided by the program to accepted applicants.

NOTE: Failure to submit the other pre-professional requirements before the first day of class will result in a hold being placed on the student account and access to class material denied. If the student does not submit all required documents within 14 days of the hold being placed on the account, the student will be required to withdraw from all classes and re-apply for admission to the program in the future.

Immunizations

Submission of immunization documentation is required as a post-admission requirement for all health programs. Alberta Health Services (AHS) currently recommends immunizations for healthcare workers; however, individual clinical/fieldwork sites may require proof of specific immunizations and/or screening (e.g., Tuberculosis).

Students are responsible for:

- Submitting records to immunizations@mhc.ab.ca (see orientation package for specific deadline),
- Maintaining up-to-date immunizations throughout the duration of the program, and
- Providing updated documentation upon request.

Attendance at clinical/practicum sites is at the site's discretion, including during outbreaks. If a student is denied placement or cannot attend due to immunization status, alternative placements may not be available, resulting in the inability to meet practice requirements. Immunization requirements are subject to change based on directives from placement partners.

N95 Fit Testing

N95 mask fitting is a program requirement that can be scheduled and completed on campus before the first day of class. Documented proof of the test must be provided to yshcs@mhc.ab.ca prior to the commencement of the program. Fit testing is to be completed and submitted every 2 years.

Connect Care

Connect Care is an electronic health platform that is a new way of using and sharing health information to improve patient care. Students require Connect Care access and training is mandatory prior to the start of any clinical placement or experience.

Preparation involves completion of Connect Care e-learning modules prior to the Instructor Led Training (ILT) sessions. Students must be available prior to the start of their practicum and clinical experience. Training is based on AHS availability, which could mean training during Medicine Hat College closure. Attending any clinical site without mandatory training/access is prohibited and will lead to delay of program continuation.

Program Outline

Year One - Semester 1

BIOL	275	Basic Human Anatomy and Physiology I	4 CR
IDST	100	Introductory Communications for Helping Professionals	4 CR
PARA	100	Foundations of Paramedic Practice I	3 CR
PARA	120	Foundations of Paramedic Practice II	4 CR

Year One - Semester 2

BIOL	277	Basic Human Anatomy and Physiology II	4 CR
KNES	247	Introduction to Wellness, Fitness and Nutrition	4 CR
PARA	115	Professional Communications for Paramedics	3 CR
PARA	125	Assessment and Diagnosis	4 CR
PARA	130	Introduction to Paramedic Management of Emergency Situations	4 CR

Year One - Semester 3

PARA 145**	Introduction to Primary Care Practice	3 CR
PARA 150**	Primary Care Practice	4. 5 CR

Eligible PCP exit point based on successful completion of PARA 145, PARA 150, and all associated competencies.

Year Two - Semester 4

PARA	200	Introduction to Advanced Care	4 CR
PARA	215	Pharmacology for the Pre-hospital Profession	3 CR
PARA	220	Paramedic Management of Trauma and Environmental Conditions	4 CR
PHSL	200	Pathophysiology	3 CR
PSYC	201	Introduction to Psychology II - Social Science	3 CR

Year Two - Semester 5

IDST	485	Death and Dying	3 CR
PARA	205	Mental Health for First Responders	3 CR
PARA	230	Skills and Practice in Patient Modalities	4 CR
PARA	240	Management of Special Population Groups	4 CR
PHIL	313	Bioethics	3 CR

Year Two - Semester 6

PARA	210	Advanced Critical Care Practice	7.5 CR

Year Three - Semester 7

PARA	300	Advanced Care Paramedic Practice I	10.5 CR
PARA	305	Advanced Paramedic Care	3 CR

Year Three - Semester 8

PARA	310	Advanced Care Paramedic Practice II	10.5 CR

NOTES:

EMR completed within the previous three calendar years may apply for transfer credit for Para 100.

*** EMT/PCP from an Accreditation Canada accredited program and completed within the previous three calendar years may apply for transfer credit for PARA 105, PARA 100,*

PARA 120. PARA 115, PARA 125, PARA 130, PARA 145 and PARA 150. Awarding of credit is also dependent on work experience since the time of EMT/PCP program completion. Program specific guidelines for awarding of transfer credit are available from the Program Coordinator.

Practicum/Fieldwork

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.

Students who miss one or more lab/clinical/practicum 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 semester work pending availability of resources. Each situation will be reviewed on an individual basis by the Program Coordinator, Academic Chair of Health, Associate Dean Yuill School of Health & Community Services, or delegate.

During practicum and clinical, students are expected to communicate – telephonically or digitally – with their faculty advisor. Failure to communicate regularly will result in one warning from their advisor and, if continued, the student will receive a Student Learning Improvement Plan (SLIP). Inability to meet SLIP expectations may result in failure of the course; this policy is not exclusive to practicum or clinical courses.

Program Progression

Student Standing

To maintain satisfactory standing, students must attain:

- a minimum of a B grade in all PARA courses throughout the program (Diploma only). If unsuccessful in a PARA course, students will be required to repeat the unsuccessful and all concurrent PARA courses within that semester to ensure a safe and competent continuation in the program (dependent on seat availability)
- a minimum of a pass in the practicum component of all courses. (A fail in a practicum course will require you to repeat the course before progressing to further PARA courses)
- a minimum of a C- in all support courses. “To accommodate the repeated course, the current cohort will need to be below quota and note that there is no guarantee of an available practicum placement)”
- students will be permitted to repeat a course only once (PARA and support courses)

Registration Exams

For employment purposes, students may elect to challenge the Canadian Organization of Paramedic Regulators (COPR) registration examinations for both PCP (second year) or ACP (post-graduation at the diploma). This is not a requirement of the program nor the Alberta College of Paramedics to remain in good Paramedic - Bachelor of Applied Health Sciences Diploma and Applied Degree standing within the program. All costs related to registration, travel, accommodation, and meals are the student’s responsibility. Further information is available on the COPR website.

Fitness Requirements

A career as a Paramedic requires a high level of physical and emotional well-being. Students must be able to demonstrate the physical capabilities to safely maneuver stretchers and equipment and be emotionally capable to deal with trauma and high-stress situations. In the event of illness, students must present a medical clearance certificate prior to returning to the program.

Uniforms

Students will be required to buy uniforms and appropriate footwear. 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 Tracking

Students may be required to purchase a Wi-Fi-enabled device (i.e., laptop, tablet, etc.) as well as additional software for ongoing competency tracking and patient-care reports. 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 or support course. (Please refer to Medicine Hat College Academic Policies regarding further details related to academic standing.)

Students in the paramedic program are expected to exercise responsible conduct that reflects favorably on them, the program and Medicine Hat College.

Graduation Requirements

To graduate from the program, all students must:

- obtain a minimum of B grade in all PARA courses (Diploma only)
- obtain a minimum of a C- in all support courses
- pass all practica
- attain all National Occupational Competencies

Transfer & Pathways

Not applicable.

Bachelor of Applied Health Sciences - Paramedic (Post-ACP)
Applied Degree

Program Length: 2-3 years (5-year max)
Intakes: Fall, Winter

Program Description
The Bachelor of Applied Health Science Paramedic degree entry is open to Practicing Advanced Care Paramedics (ACP) with pre-existing credentials and exists to meet the emerging needs of patients, practitioners, and employers. As a result of practitioner and industry demand, the Bachelor of Applied Health Science (Paramedic) degree option is open to all graduate Advanced Care Paramedics via a distance learning format/program. The applied degree combines theoretical approaches to learning with elements of practical application to the Paramedic field. This program is available solely as a Distance Learning program.

Career Opportunities
A degree in Paramedicine is not required for employment nor practice currently, however, provides opportunities for advancement, management/leadership, research and a variety of public, industrial and community-based health settings.

Industry Credentials
Not applicable.

Admission Requirements
High School Route
Not applicable.

Mature Route
Not applicable.

Transfer/Post-Secondary Route
- ELA 30-1
- Advanced Care Paramedic Credential from an accredited and recognized Canadian Post-Secondary Institution or Advanced Care Paramedic license in the student's province of residence

The Bachelor of Applied Health Science - Paramedic (BAHSc-P) is designed to build on the previous knowledge and experience of practicing paramedics. Qualified candidates can obtain the BAHSc-P by completing the nine courses offered in the program.

Program Outline
The following is the recommended sequencing.

PARA	452	EMS and the Canadian Health System	3 CR
PHIL	313	Bioethics*	3 CR
PARA	453	Community Focused Theory	3 CR
MGMT	243	Human Resources Management	3 CR
PARA	454	Leadership in Health Care	3 CR
STAT	333	Statistics for Healthcare	4 CR
PARA	455	Research	3 CR
PARA	470	Paramedic Work Term I	15 CR
PARA	480	Paramedic Work Term II	15 CR

*For students that did not complete the Medicine Hat College ACP diploma

Practicum/Fieldwork
PARA 470 and PARA 480 are work terms, not a clinical or field placement practicum, and are based on research or a project. The work terms are designed to be completed within a 4-month time frame; however, it will depend on your research or project. Students may elect to complete these terms in partnership with an employer; however, it is not mandatory. If so, students and their employer will decide together on the research or project that will educationally or operationally benefit the employer as well as the community. Each work term is separate.

Program Progression
Student Standing
To maintain satisfactory standing, students must attain:
- a minimum of a C- grade in all courses throughout the program
- students will be permitted to repeat a course only once (PARA and support courses)
- Courses must be completed within 5 years of intial entry

Required Withdrawal
Students will be required to withdraw if they fail to obtain satisfactory standing in a second attempt in a course. (Please refer to Medicine Hat College Academic Policies regarding further details related to academic standing).

Students in the paramedic program are expected to exercise responsible conduct that reflects favorably on them, the program and Medicine Hat College.

Graduation Requirements
To graduate from the program, all students must:

- Complete all required courses and maintain a minimum GPA of 2.0
- obtain a minimum of a C- in all support courses

Transfer & Pathways
Students should consult the Transfer Alberta for information regarding transfer credit and pathways and individual courses.

Pharmacy Technician Diploma

Program Length: 2 year
Total Program Hours/Credits: 74.5
Intake: Fall

Program Description

Regulated pharmacy technicians are involved with dispensing prescriptions, preparing compounded medications and sterile products, repackaging pharmaceuticals, managing inventory, teaching patients to use medical devices, and providing patient care. In the lab, students have the opportunity to use technologies currently employed by those working in the profession, including laminar airflow hoods and Kroll® computer software.

Career Opportunities

- Hospital Pharmacy
- Health Insurance Companies
- Pharmacies
- Pharmaceutical Companies

Pharmacy Technicians compound, prepare, and dispense prescriptions and pharmaceutical products, under the direction of pharmacists. They also provide services that promote health and wellness as well as safe and effective drug distribution. Pharmacy Technicians work in a variety of community and hospital pharmacies, and can hold educator, management and many other specialty positions. They can also work for health insurance companies (such as Alberta Blue Cross), pharmaceutical companies, and pharmacy suppliers.

Industry Credentials

Pharmacy Technician is a regulated profession, governed by the Alberta College of Pharmacy, and the program is in the process of becoming accredited by the Canadian Council for Accreditation of Pharmacy Programs.

Students must successfully complete the program to be eligible to write the Pharmacy Examining Board of Canada Qualifying Examination (https://pebc.ca/index.php) to become regulated under the Alberta College of Pharmacy (https://abpharmacy.ca).

Professional Conduct

While students enrolled in the Pharmacy Technician program are not regulated members of the Alberta College of Pharmacy, they are expected, as part of their formation as industry professionals, to adhere to the professional and ethical standards for Pharmacy Technicians as outlined by:

- Professional Competencies for Canadian Pharmacy Technicians at Entry to Practice (2024): https://www.napra.ca/wp-content/uploads/2024/10/NAPRA-Entry-to-practice-Competencies-October-2024-EN.pdf
- Alberta College of Pharmacy Code of Ethics (2014): https://abpharmacy.ca/wp-content/uploads/ACP_CodeofEthics.pdf
- Alberta College of Pharmacy Standards of Practice for Pharmacists and Pharmacy Technicians (2025): https://abpharmacy.ca/wp-content/uploads/Standards_SPPPT_New.pdf
- Alberta College of Pharmacy Guidance and Guidelines: https://abpharmacy.ca/regulated-members/practice-framework/guidance/

Admission Requirements

High School Route

High school diploma with:

- High school diploma, general education diploma (GED), or equivalent
- English Language Arts 30-1 (min. 60%) or English Language Arts 30-2 (min. 70%)
- Mathematics 30-1 (min. 60%) or Mathematics 30-2 (min. 60%)
- Biology 30 (min. 60%)
- Chemistry 30 (min. 60%)

Mature Route

Same requirement as high school route.

Transfer/Post-Secondary Route

Not applicable.

Additional Selection Criteria

Please refer to page 12 for Pharmacy Technician English Language Proficiency requirements.

Program Learning Outcomes

At the conclusion of the MHC's Pharmacy Technician Program, students will be able to:

- Model a thorough understanding of the knowledge required of a pharmacy technician.
- Apply knowledge of pharmaceutical science, pharmacy practice, and biological sciences to recognize when to consult.
- Communicate effectively in written and spoken forms in the role of a pharmacy technician to establish caring relationships with patients and maintain collaborative professional relationships.
- Accurately apply and execute mathematical operations, especially in the realm of pharmaceutical calculations.
- Demonstrate critical thinking and problem-solving skills within the context of operational pharmacies.
- Use appropriate pharmacy management software to locate, select, and document appropriate information.
- Display ethical and professional behaviour in pharmacy practice to ensure safe, effective, and efficient product distribution.

Post-Admission Requirements

Failure to submit program requirements before the first day of class will result in a hold being placed on the student account and access to class material denied. If the student does not submit all required documents within 14 days of the hold being placed on the account, the student will be required to withdraw from all classes and re-apply for admission to the program in the future. All program requirements must be submitted to the following email: yshcs@mhc.ab.ca.

Immunization Requirements

Submission of immunization documentation is required as a post-admission requirement for all health programs. AHS currently recommends immunizations for healthcare workers; however, individual clinical/fieldwork sites may require proof of specific immunizations and/or screening (e.g., Tuberculosis). Students are responsible for:

- Submitting records to immunizations@mhc.ab.ca (see orientation package for specific deadline),
- Maintaining up-to-date immunizations throughout the duration of the program, and
- Providing updated documentation upon request.

Attendance at clinical sites is at the site's discretion, including during outbreaks. If a student is denied placement or cannot attend due to immunization status, alternative placements may not be available, resulting in the inability to meet practice requirements.

Immunization requirements are subject to change based on directives from placement partners.

Police Information Check (PIC)

All applicants to the Pharmacy Technician program must provide a current Police Information Check (PIC) that includes both a Criminal Record Check and a Vulnerable Sector Search, completed within two months prior to the first day of classes. Failure to present a clear PIC may result in admission being denied or rescinded.

After admission, and at any point during the program, students may be required to submit an updated PIC with a Vulnerable Sector Search. The results of this check may necessitate withdrawal from the program if they affect eligibility for practicum or clinical placement. Students are responsible for informing the Program Coordinator immediately of any changes to their criminal record status.

Work Permit

Upon admission to the program, International Students must present a valid Co-op/Internship Work Permit. The Work Permit must be presented to the Pharmacy Technician Coordinator Faculty of Nursing, prior to the first day of classes. In addition, the Work Permit must remain valid for the duration of the program.

N-95 Fit Testing

N95 mask fitting is a program requirement that can be scheduled and completed on campus before the first day of class.

Documented proof of the test must be provided to maskfitting@mhc.ab.ca prior to the commencement of the program. Fit testing is to be completed and submitted every 2 years.

Connect Care

Connect Care is an electronic health platform that is a new way of using and sharing health information to improve patient care. Students require Connect Care access and training is mandatory prior to the start of any Alberta Health Services clinical or practicum placement. Preparation involves completion of Connect Care e-learning modules prior to the Instructor Led Training (ILT) sessions. Students must be available prior to the start of their practicum and clinical experience. Training is based on AHS availability, which could mean training during Medicine Hat College closure. Attending any clinical site without mandatory training/access is prohibited and will lead to delay of program continuation.

Program Outline

Year One - Semester 1

ENGL	125	Introductory Report Writing and Speech	3 CR
IDST	100	Introductory Communication for Helping Professionals	4 CR
BIOL	162	Anatomy and Physiology for Pharmacy Technicians	3 CR
PHRM	100	Introduction to Pharmacy Practice	3 CR
PHRM	101	Pharmaceutical Calculations	3 CR
PHRM	111	Community Prescription Processing Lab	4 CR

Year One - Semester 2

PHRM	102	Pharmacy Law & Ethics	3 CR
PHRM	115	Pharmacotherapy I	3 CR
PHRM	113	Community Pharmacy Practice	3 CR
PHRM	123	Community Pharmacy Lab	4 CR
PHRM	125	Pharmacotherapy II	3 CR

Year Two - Semester 3

PHRM	133	Compounding Lab	3 CR
PHRM	201	Institutional Prescription Processing	3 CR
PHRM	202	Institutional Pharmacy Practice	3 CR
PHRM	205	Professional Practice	3 CR
PHRM	235	Pharmacotherapy III	3 CR

Year Two - Semester 4

PHRM	206	Medication Safety & Risk Management	3 CR
PHRM	207	Integrated Skills for Pharmacy Technicians	3 CR
PHRM	208	Non-Prescription & Complementary Therapies	3 CR
PHRM	233	Institutional Pharmacy Lab	3 CR
PHRM	253	Sterile Products Lab	3 CR

Year Two - Semester 5

(completed after all other program requirements)

PHRM	210	Community Practicum	4 CR
PHRM	220	Institutional Practicum	4.5 CR

Practicum/Fieldwork

Students may be required to complete practice experience at sites other than the location of their residence. Students' practice experience may also be scheduled at various hours, including evenings, nights, and weekends. Students are responsible for all travel, parking, and accommodation costs related to practice. Students must demonstrate satisfactory practice performance as delineated in the behavioral objectives of the course. Participation in all activities that are related to practice courses is mandatory.

Students who miss one or more lab/clinical/practicum 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 semester work pending availability of resources. If mandated to withdraw from the practice course, the student may be required to also withdraw from co-requisite theory courses and repeat at a later date along with the practice course. Each situation will be reviewed on an individual basis by the Academic Chair of Health, Associate Dean or delegate.

Fees and Expenses

In addition to textbooks and course packages, Pharmacy Technician students can expect other additional charges. Some of these may be included in the supplemental fees associated with some lab courses, while others are an additional expense beyond the tuition and fees. Examples include:

- Uniforms (scrubs)
- Police Information Check
- Immunizations
- N-95 Fit Test
- Travel to and from practice sites
- Parking fees at practice sites
- Name badges
- Registration Examinations
- Lab Equipment

Program Progression

Students must achieve a minimum grade of C in all PHRM theory and lab courses.

Graduation Requirements

To successfully complete this program, students must:

- attain a minimum cumulative GPA of 2.0
- complete the required practicums with a grade of CR

Transfer & Pathways

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

Program Length: 2 years
Intake: Fall

Program Description

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 emphasized. ABSA rewards the skills students gain through a two-year technical program by reducing the amount of work experience required in the field.

Students are required to independently find three months of "Steam Time", complete the two year college program and pass the ABSA third-class exams before a third-class certificate is awarded. Second-class ABSA exams can be written after being awarded a third-class certificate.

Upon successful completion of the entire program, students will be granted a diploma in Power Engineering Technology. Course content may vary from those listed in the calendar due to updates or changes to each level of competency.

Career Opportunities

- Oil and gas
- Power generation
- Food processing
- Manufacturing plants

Industry Credentials

Per current ABSA regulations, students may earn:

- 4th Class Power Engineering Certificate of Competency after successful completion of Blocks 1 and 2; and passing the ABSA exams.
- 3rd Class Power Engineering Certificate of Competency after successful completion of Blocks 3 and 4; passing the ABSA exams; and completing ABSA regulated work experience.

Admission Requirements

Even though a high school diploma is not required for program admission, some employers may require it.

High School Route

- ELA 20-1 (60%) or ELA 20-2 (60%)
- Math 30-1 (60%) or Math 30-2 (60%)
- Physics 20 (60%)

Mature Route

Same requirement as high school route.

Transfer/Post-Secondary Route

Not applicable.

Additional Selection Criteria

Not applicable.

Post-Admission Requirements

Safety courses may be required for the field placement such as WHMIS and First Aid with CPR. Students will be notified of the job specific requirements.

Program Outline

Year One - Block 1 (September - November)

PLAB	116	First Lab	4 CR
PLAC	111*	Work Practicum	3 CR
POWE	161	Introductory Mechanics & Thermodynamics, Legislation and Safety	4 CR
POWE	162	Introductory Electricity and Instrumentation, Materials, Welding and Safety	4 CR
POWE	163	Introduction to Boilers, Environment, Communication	4 CR

Year One - Block 2 (December - February)

PLAB	117	Second Lab	4 CR
POWE	166	Lubrication, Pumps, Compressor, Boiler Safety and Operation	4 CR
POWE	167	Maintenance, Water Treatment, Prime Movers/Engines and Auxiliary Building Systems	4 CR
POWE	168	Refrigeration & Air Conditioning and Types of Plants	4 CR

Year One - Block 3 (February - May)

PLAB	118	Third Lab	4 CR
POWE	151	Intermediate Mechanics & Thermodynamics	4 CR
POWE	152	Metallurgy	3 CR
POWE	153	Codes & Drawings	3 CR
POWE	154	Intermediate Electricity & Instrumentation	4 CR

Year Two - Block 4 (September - December)

PLAB	219	Fourth Lab	4 CR
POWE	260	Intermediate Boilers	4 CR
POWE	261	Intermediate Prime Movers	4 CR
POWE	262	Water Treatment & Special Equipment	4 CR

Year Two - Block 5 (January - April)

POWE	265	Advanced Boilers	3 CR
POWE	266	Advanced Pumps & Water Treatment	3 CR
POWE	270	Advanced Codes	3 CR
POWE	271	Plant Installation & Management	3 CR

POWE 272	Advanced Mechanics	4 CR
POWE 280	Advanced Thermodynamics	4 CR
POWE 281	Advanced Metallurgy	4 CR
POWE 282	Power Engineering Report	3 CR

**Students are responsible for the cost of obtaining safety certification in Standard First Aid with CPR and WHMIS 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.*

Practicum/Fieldwork
There is an 84-hour work practicum (PLAC 111) in Block 1.

Program Progression
Students must have their ABSA 4th Class Certificate of Competency (or equivalent) to continue into Year 2 (Block 4).

Graduation Requirements
To successfully complete this program students 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
Students are allowed up to five years to complete the diploma route.

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

Athabasca University
Graduates are eligible to receive block transfer of 30 credits toward post-diploma Bachelor of Science - Human Science Major, post-diploma Bachelor of Science - Applied Mathematics Major, or the Bachelor of Science - Computer and Information Systems Major. Students may receive up to 30 additional credits on a course-by-course basis, provided courses in the diploma fulfill requirements of AU's Bachelor of Science Post-Diploma programs. Graduates are eligible to receive block transfer of 60 credits towards the post-diploma Bachelor of Science - General Science Major. Contact an Athabasca University Academic Advisor for further information.

NAIT
Graduates who satisfy the entrance requirements are eligible for admission into the third year of the Bachelor of Technology. Contact a NAIT Academic Advisor for further information.

Program Length: 2 years
Intakes: Fall, Winter (domestic students only)

Program Description

The Practical Nurse program is a two-year (5-semester) diploma program that prepares students to become a Professional Licensed Practical Nurse (LPN). Students will gain knowledge, skills and learn the practical competencies required by the College of LPNs and HCAs of Alberta (CLHA) to become a certified LPN. This program prepares graduates to work as valued members of a healthcare team within a multidisciplinary environment. The LPN graduate will encompass a wide range of skills that are applicable in various healthcare 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 healthcare 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 encompasses a range of teaching methods, as well as instructor-led and preceptor clinical experiences. Classes and laboratory experiences are completed on campus. However, students will be required to travel to other locations in the region for clinical and practical learning experiences.

Fall intake is offered at the Brooks campus. Winter intake is offered at the Medicine Hat campus. Practical Nurse courses are only open to students enrolled in the Practical Nursing program.

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

Industry Credentials

Graduates of the program are eligible for licensure through the College of LPNs and HCAs of Alberta upon payment of a fee and successfully passing the national practical nurse examination (Canadian Practical Nurse Registration Exam or CPNRE).

Professional Conduct

The Practical Nursing students are expected to comply with all MHC and program policies, regulations, and guidelines. Although students in the program are not regulated members of CLHA, as part of their formation as professional nurses, they are also expected to meet professional and ethical standards for Licensed Practical Nurses as outlined by:

- Canadian Council of Practical Nurse Regulators (CCPNR) Standards of Practice for Licensed Practical Nurses in Canada (2021): https://www.clha.com/wp-content/uploads/2023/08/Standards-of-Practice-for-LPNs-in-Canada.pdf
- CLHA/CCPNR Code of Ethics for Practical Nurses (2023): https://www.clha.com/wp-content/uploads/2023/08/CCPNR_Code_of_Ethics_LPNs-ID-104895.pdf

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

Admission Requirements

High School Route

- ELA 30-1 (min. 60%) or ELA 30-2 (min. 70%)
- Math 20-1 (min. 60%), or Math 20-2 (min. 70%)
- Biology 30 (min. 60%) or Bow Valley College ANAT 1101 (min. 60%)

Mature Route

Same requirements as high school route.

Transfer/Post-Secondary Route

Not applicable.

Additional Selection Criteria

The Winter intake of Practical Nurse is only open to domestic applicants.

Post-Admission Requirements

Upon admission students will receive an orientation package outlining required documentation and deadline for submission. Failure to submit the pre-program requirements by this deadline will result in a hold on your student account, restricting access to class materials. If all required documents are not submitted within 14 days of the program start date, the hold will remain, and you will be required to withdraw from all classes. Re-admission to the program will require reapplying for a future intake.

Immunization Requirements

Students are required to submit immunization records as a component of their post-admission requirements. Students are highly encouraged to obtain all immunizations as recommended for Healthcare Students by Alberta Health Services. For more information please see: https://www.albertahealthservices.ca/assets/info/hp/cdc/if-hp-cdc-ipsm-imm-recomm-hcs-high-risk-occ-prg-appdx-a-08-302.pdf

Failure to meet the recommended immunizations may inhibit the student from attending some clinical and practicum placements, jeopardizing the student's ability to complete practice courses. Placement accommodations will not be completed for such circumstances. Please be advised that program requirements are subject to change based on directives from Alberta Health Services and other placement sites.

N-95 Fit Testing

All Practical Nurse students must be fit tested for a N-95 mask. Documented proof of a fit test must be provided to the Administration Assistant, Yuill School of Health and Community Service prior to commencement of the program. 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 an Intervention Record Check. To be considered 'current', these documents must be completed during the three months prior to admission. Without this documentation, admission to the program will be rescinded. Students who are concerned about the presence of a criminal record should contact the Program Coordinator. Students need to keep the original documents for future employment purposes.

Failure to present clear documentation may result in admission being denied/rescinded. After admission and at any time during the program, a student may be required to produce current documentation, the results of which could require their withdrawal from the program. Students are required to inform the Program Coordinator 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 (BLS-valid for a 12 month period from date of course completion) which includes a Health Care Provider component. Students will be responsible for obtaining course training and certification.

Program Outline

Year One - Semester 1

BIOL	152	Anatomy and Physiology for Health Care Professionals	4 CR
PRNU	156	Nursing Theory I & Nursing Science Lab I	4 CR
PSYC	153	Growth and Development for Practical Nurses	3 CR
SOCI	201	Introductory Sociology	3 CR
ENGL	2XX	Any 200-level English	3 CR

Year One - Semester 2

PRNU	158	Clinical Experience I - Continuing Care	4 CR
PRNU	160	Adult Health Assessment Theory and Lab	3 CR
PRNU	162	Applied Pharmacology & Medication Admin Lab	4 CR
PRNU	164	Pathophysiology	3 CR
PRNU	166	Nursing Theory II & Nursing Science Lab II	4 CR

Year One - Semester 3

PRNU	168	Clinical Experience II - Continuing & Acute Care	6 CR

Year Two - Semester 4

PRNU	200	Nursing Theory III & Nursing Science Lab III	4 CR
PRNU	201	Maternal & Newborn Theory and Lab	3 CR
PRNU	203	Mental Health and Addiction	3 CR
PRNU	204	Clinical Experience III - Acute Care	10.5 CR
PRNU	205	Pediatric Nursing	3 CR

Year Two - Semester 5

PRNU	208	Transition to Practical Nursing Graduate	3 CR
PRNU	209	Community Health Theory	3 CR
PRNU	215	Final Practicum	6 CR

Practicum/Fieldwork

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 practicum outside of Brooks or Medicine Hat.

Performance in Clinical and Practicum

Students are expected to observe program policies regarding punctuality, attendance, dress, response to supervision and feedback, and to provide safe, competent nursing care. If performance is questionable in relation to the delivery of safe patient care and/or to the maintenance of the program standards students may be asked to leave the laboratory or clinical site at any time. Continued failure to uphold standards related to safe, professional performance will result in dismissal from the program.

Connect Care

Connect Care is an electronic health platform that is a new way of using and sharing health information to improve patient care. Students require Connect Care access for most clinical placements. All Connect Care training is mandatory prior to the start of these clinical experiences.

Preparation involves completion of the Connect Care e-learning modules on the AHS My Learning Link site prior to the Instructor Led Training (ILT) sessions. Students must be available prior to the start of the semester for their ILT. For fall courses, students must be available 10–14 business days prior to the start of the fall semester for ILT training. Depending on the student's clinical placements for winter courses, students may require additional ILT in December or January. Students are required to be available in December and January exclusive of dates when Medicine Hat College is closed. AHS schedules all training and rescheduling of ILT dates is not permitted. Failing to complete any component of the Connect Care training may result in delay or deferral of the course. Attending any clinical site without mandatory training/access is prohibited.

International Students
A co-op work permit is required for practicum as well as a student visa; please contact our International Education Office for information (phone 403.504.3615 or www.mhc.ab.ca/information-for/international).

Program Progression
- maintain a C+ in all PRNU courses and BIOL 152
- maintain a C- in all other required courses
- a CR (Pass) is required in clinical and practicum courses for successful course completion

NOTE: Students can only re-enter the PN Program once, and must complete the program, within five (5) years of initial admission.

The final grade in the PRNU theory courses is derived from assignments, unit exams, quizzes, and final exam; and the grade average for each course must be no less than a letter grade of C+. The final grade in lab case scenarios must be 75% or higher or students will receive an F grade for the course. The final grade in the nursing practice clinical courses will be derived from clinical performance and assignments. Clinical objectives must be met in order to achieve a passing grade in Nursing Practice clinical courses.

Transfer Route
Previous post-secondary coursework may be considered for admission. If students have previous post-secondary education, please consult the academic advisor for information on potential credit for previous courses and for information on how their coursework will be considered in the admission process.

Students who are transferring from another nursing program 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.

Re-entry to the Program
Out of sequence students must indicate their intent to re-enter in consultation with the Academic Advisor and the Program Coordinator. Students who have failed to meet the performance requirements of the program are required to indicate re-entry into the program at predetermined dates, as outlined in their Academic Warning Letter. For re-entry into a semester, students must confirm with the Academic Advisor six months prior to returning.

Prior to entering a clinical course, the student will be required to demonstrate competence in the knowledge and skills required for that clinical experience before beginning the course. Individual testing requirements will be communicated to the student upon their written communication of indication to return to the Academic Advisor and Program Coordinator.

NOTE: Students can only re-enter the PN Program once, and must complete the program, within five (5) years of initial admission. Exceptions may be made in extenuating circumstances with permission of the Dean (or delegate).

Failure to meet performance objectives or learning outcomes
Throughout the program, instructors will give verbal and written feedback on student performance and progress. If a student's performance is inconsistent and is not meeting learning course objectives or learning outcomes, they will be placed on a learning agreement. If the terms of the agreement are not met, or if the original behaviour occurs after the expiry date of the agreement, the student will be unsuccessful in the course and unable to progress in the program.

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 LPNs and HCAs of Alberta (CLHA). New MHC graduates are eligible to apply for a CLHA Temporary Practice Permit allowing the graduate to work under supervision while waiting to successfully complete the Jurisprudence Examination and the Canadian Practical Nurse Registration Exam (CPNRE).

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

Royal Roads University
Graduates are eligible to enter the third year of the Bachelor of Arts in Interdisciplinary Studies. Students must present a minimum 3.0 GPA (B grade) and meet all other admission criteria. Contact a Royal Roads 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 a TRU Academic Advisor for further information. This pathway is currently under review; please contact transfer@mhc.ab.ca for confirmation of status.

Program Length: 18 months
Intake: Fall

Program Description

The Service Dog & Canine Studies Management Diploma is an 18-month consecutive program. This includes an 8-week work integrated learning placement where students can get hands-on experience in service dog programs, training businesses, shelters, or animal welfare organizations providing valuable career experience.

In the Canine Studies Program, students study animal behavior, canine learning theory, and evidence-based training methods supported by leading professionals and governing bodies internationally, including the Canadian Veterinary Medical Association. This theoretical knowledge is applied through hands-on positive reinforcement training as students raise and train service dogs on campus and in the community in partnership with Canadian service dog organizations. Working in groups, students will guide young dogs through puppyhood and adolescence, after which the dogs return to partner organizations for further training and placement with clients. This unique experience offers invaluable insights into the service dog industry while developing skills applicable to various canine care roles.

In addition to canine behavior and training, students will complete foundational business courses. Studies in accounting, marketing, and management teach students to plan, budget, analyze, and market effectively. Business communication, organizational behavior, entrepreneurship, and persuasion courses further develop skills for students to launch and lead their own canine-related ventures or contribute to existing organizations with strategic insight and professionalism.

Career Opportunities

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

- Service Dog Trainer apprentice
- Pet Dog Trainer
- Entrepreneurial opportunities as dog walkers, dog sitters and doggy day cares

Industry Credentials

Course learning prepares students to seek further professional credentials, such as those offered by the Certification Council for Professional Dog Trainers and the International Association of Animal Behavior Consultants, further enhancing their qualifications and career prospects in the field.

Admission Requirements

High School Route

- ELA 30-1 or 30-2
- Science 30 or Biology 20
- One 30-level, 5-credit subject

Mature Route

- ELA 30-1 or 30-2
- Any 30 level Science is recommended

Transfer/Post-Secondary Route

Not applicable.

Additional Selection Criteria

Not applicable.

Post-Admission Requirements

Computer Competency Requirement

Many of the courses in this program require a level of familiarity and competency with Microsoft Office suite of computer software. Students are advised to enroll in an introductory computer class which includes instruction in commercial business software such as Microsoft Office before beginning this program if their computer skills are limited.

Police Information Check Requirement

Prior to the first day of classes, students are asked to submit a current Police Information Check. In order to be considered 'current', the PIC must be completed during the three months prior to admission (i.e. June 1 – August 31 for Fall admission). Students are obligated to inform the Program Coordinator immediately of any change in the status of their criminal record.

Program Outline

Year One - Semester 1

CNST	110	Canine Physiology & Care	3 CR
CNST	111	Puppy Development, Early Foundations & Training	3 CR
CNST	112	Introduction to Canine Learning Theory and the Human/Dog Connection	3 CR
COMM	140	Communication in the Workplace	3 CR
MGMT	161	Management Theory	3 CR

Year One - Semester 2

CNST	114	Obedience Training for Public Access	3 CR
CNST	120	Introduction to Dog Selection, Assessment & Breeding	3 CR
CNST	121	Introduction to Assistance Dog Laws	3 CR
COMM	252	Advanced Business Communications	3 CR
MKTG	171	Marketing	3 CR

Year One - Semester 3

ACCT	200	Introduction to Accounting	3 CR
CNST	113	Kennel Technologies	3 CR
CNST	215	Introduction to Canine Career Pathways	3 CR
CNST	216	Service Dogs Roles & Task Training	3 CR
MGMT	263	Organizational Behaviour	3 CR

Year Two - Semester 4

CNST	217	Client Processing & Dog Matching	3 CR
CNST	218	Introduction to Disability for Service Dog Providers	3 CR
CNST	219	Common Behaviour Problems, Creating Training Plans & Peer Training	3 CR
MGMT	270	The Entrepreneurial Experience	3 CR
MKTG	315	Science of Persuasion	3 CR

Year Two - Semester 5

CNST	222	Canine Studies & Service Dog Management - Work Term	6 CR

Practicum/Fieldwork

- Work term opportunities are coordinated by Medicine Hat College through a competitive selection process, where students must apply for positions and undergo interviews before being offered a work term opportunity. Opportunities are arranged by the Student Placement Officer with consideration for student preferences.
- Students could expect work term opportunities outside of Medicine Hat. Students may anticipate additional costs associated with these opportunities, e.g., travel, accommodation, etc. At this time, work terms occur only in Canada.
- Students are required to complete a minimum of 54 credits in the Canine Studies program and/or receive permission from the Program Coordinator to be eligible to commence their work term.

Program Progression

- Prerequisite grades must be C- or higher.
- In order to continue in the program, a minimum cumulative grade point average of 2.0 is required at the end of each semester.
- Students that do not meet the continuation requirements will be given an academic warning within the Canine Studies program. If students do not meet the requirements for a second time, they will receive a program dismissal from the canine studies program and will be required to withdraw from the Canine Studies program. Students required to withdraw from the Canine Studies program may still be eligible to attend Medicine Hat College and pursue other programs of interest by applying to the program of choice and meeting the entrance and competitive requirements.
- Students that are dismissed from the Canine Studies program are dismissed for one academic year.
- While the college and program will endeavor to inform students of their academic status in a timely manner, students are responsible for monitoring their own academic progress.

Graduation Requirements

To successfully complete this program students must:

- attain a minimum cumulative GPA of 2.0
- achieve no grade lower than C-
- achieve a grade of CR in CNST 222

Transfer & Pathways

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

Students are encouraged to consult academic calendars of their intended transfer institution regarding admission requirements and course selection. A Medicine Hat College Academic Advisor or a University Academic Advisor can help students interpret and apply these requirements. Students are responsible for making informed course choices as part of their program planning. Students may access the Transfer Alberta Search Tool online at transferalberta.alberta.ca/transfer-alberta-search to determine Medicine Hat College course equivalents.

Program Length: 2 years
Intake: Fall

Program Description

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

- Health agencies
- Private health
- Welfare agencies
- Hospitals

Industry Credentials

Not applicable.

Admission Requirements

NOTE: It is in the applicant's best interest to apply early.

High School Route

A minimum of 60% in each of the following:

- ELA 30-1
- Two 30-level academic subjects
- One 30-level, 5 credit courses

Mature 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

Transfer/Post-Secondary Route

Not applicable.

Additional Selection Criteria

Not applicable.

Post-Admission Requirements

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 their criminal record. Prior involvement with Alberta Children's Services or a criminal record may limit the practicum options available to students.

Program Outline

Year One - Semester 1

ANTH	213	Contemporary Indigenous Issues in Canada	3 CR
IDST	100	Introductory Communications for Helping Professionals	4 CR
PSYC	201	Introduction to Psychology II - Social Science	3 CR
SLWK	100	Introduction to Social Work Practice	3 CR
SLWK	102	Social Problems & Policies	3 CR

Year One - Semester 2

PSYC	351	Developmental Psychology	3 CR
SLWK	101	Social Work Theories & Practice	3 CR
SLWK	103	Social Work with Individuals	3 CR
SLWK	105	Social Work with Groups	3 CR
OPTN	XXX	Elective	3 or 4 CR

Year One -Semester 3*

ENGL	2XX	Any 200-level ENGL	3 CR
OPTN	XXX	Elective	3 or 4 CR

Year Two - Semester 4

PSYC	357	Human Development	3 CR
SLWK	206	Evidence-based Practice in Social Work: Research, Leadership & Indigenous Ways of Knowing	3 CR
SLWK	208	Social Work with Families	3 CR
SLWK	212	Social Work Practicum I	7.5 CR
SLWK	219+	International Social Work *(optional)*	1.5 CR

Year Two - Semester 5

SLWK	209	Social Work with Communities	3 CR
SLWK	211	Social Work with Mental Health, Trauma and Addictions	3 CR
SLWK	213	Social Work Practicum II	7.5 CR
OPTN	XXX	Elective	3 or 4 CR

Year Two - Semester 6 (Optional)

SLWK	220+	International Social Work Practicum	7.5 CR

**Students 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).

In order to take these courses students will require permission from that department's program coordinator.

Practicum/Fieldwork

Students are selected for practicum on the basis of academic performance, professional suitability, fitness and conduct, and availability of practicum sites.

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.

Program Progression

In order to continue in the program, a minimum cumulative grade point average of 2.0 is required at the end of each semester.

Students that do not meet one or any of the continuation requirements will be given an academic warning within the social work program. If students do not meet the requirements for a second time, they will receive a program dismissal from the social work program, and will be required to withdraw from the social work program. Students required to withdraw from the social work program may still be eligible to attend Medicine Hat College and pursue other programs of interest by applying to the program of choice and meeting the entrance and competitive requirements.

Students that are dismissed from the social work program once are dismissed for one academic year.

While the college and program will endeavor to inform students of their academic status in a timely manner, students are responsible for monitoring their own academic program.

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.

To successfully complete this program students must:

- achieve a minimum of a “C” grade in all courses required for the program (i.e. SLWK, ENGL, ANTH, IDST, PSYC)
- one “D” grade is allowed in an elective course

The Code of Ethics of the Alberta College of Social Workers will be used as a measure of professional behaviour and suitability.

Transfer & Pathways

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

Athabasca University

Graduates are eligible to transfer 60 credits toward the Bachelor of Professional Arts - Human Services Major. Contact an Athabasca University Academic Advisor for further information.

University of Calgary

Graduates are eligible to apply to the two-year post-diploma Bachelor of Community Rehabilitation (BCR) program, the Learning Circles Social Work degree program or the Alberta Social Work route Bachelor of Social Work program. Contact an U of C Academic Advisor for further information.

University of Regina

Graduates are eligible to receive up to 60 credits towards the Bachelor of Social Work. Contact an Univeristy of Regina Academic Advisor for further information. This pathway is currently under review; please contact transfer@mhc.ab.ca for confirmation of status.

Program Length: 2 years
Intakes: Fall (Onsite and Online), Winter (Online-only)

Program Description

The Speech-Language Pathologist Assistant (SLPA) program provides students with the skills to provide communication therapy for speech, language, cognitive-communication, and social communication. SLPAs work under the direction and supervision of Speech-Language Pathologists (SLPs) in their assessment and treatment of people with communication disorders. This program also prepares students to work as Audiologist Assistants under the direction and supervision of Audiologist in screening, assisting with assessment, and maintaining hearing aids for clients.

For students who want a challenging and fulfilling career with a focus on improving the quality of life for people with communication disorders, the SLPA program may be well suited. A communication disorder may be evident in a person's ability to pronounce sounds, understand what is spoken, use vocabulary and grammar skills, understand social rules, speak without stuttering, or use their voice. Communication difficulties can be caused by illnesses, accidents, strokes, and delayed development and can affect every aspect of a person's life.

Working one-on-one and in groups to improve communication skills, SLPAs (or Audiologist Assistants) will have the opportunity to make a positive difference every day in the lives of children and adults. Under the supervision of a Speech-Language Pathologist or Audiologist, SLPAs (or Audiologist Assistants) develop materials, document sessions, perform screenings, maintain equipment, and assist with administrative duties.

This program is flexible in that the majority of the first 10 courses are common to both the SLPA and Occupational Therapist Assistant/Physical Therapist Assistant (OTA/PTA) diplomas. This unique approach provides students with an excellent core upon which to build more specific skills depending on their interests. Along with extensive classroom training, students will participate in experiential learning and practicum/fieldwork training with potential employers in hospitals, private clinics, homecare settings, schools, and community programs.

This diploma is offered both onsite at Medicine Hat College or via online learning. Onsite 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 to the OTA/ PTA diploma after completion of the SLPA diploma. This diploma also transfers to degree programs.

Online Learning

- Students enrolled online must develop a program plan of study with the Academic Advisor prior to taking any courses.
- Students enrolled in online learning are expected to participate in experiential learning opportunities that are group or individually based. Students must travel to Medicine Hat College for one weekend lab in AUDA 212.
- Students normally complete all courses as per the sequence in the program. Courses completed out of sequence will require submission of Prerequisite Waiver forms and approval from the program coordinator.
- Tuition and other fees are charged on a course-by-course basis; textbooks and supplies are additional.
- Courses offered online may have additional start dates (e.g., September, January, and March).

Part-Time Program

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

Career Opportunities

Graduates from this program have very high employment rates. They find employment in both rural and urban locations in most provinces across Canada similar to those experienced in practicum training such as:

- Health regions/Hospitals
- Schools and School Boards
- Private Agencies/Clinics
- Rehabilitation Centres

Industry Credentials

Not applicable

Admission Requirements

High School Route

High school diploma with:

- ELA 30-1 or ELA 30-2 (min. 60%)
- Biology 30 (min. 60%)
- Two 30-level subjects (min. 60%), one of which must be a 30-level science or Math 30-1 or Math 30-2

Mature Route

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

Transfer/Post-Secondary Route

A minimum mark of 60% or a minimum C grade in:

- ELA 30-1 or ELA 30-2 or a post-secondary level equivalent
- Biology 30, a post-secondary level equivalent, or a university level lab science course

Additional Selection Criteria

Students whose first language is not English must meet **Intermediate English Language Proficiency** as set forth in the Admissions section of the Calendar.

Post-Admission Requirements

After being admitted into the program, but before the documentation deadline outlined in the application letter, the following must be provided:

- Provide a current Police Information Check (PIC) with Vulnerable Sector Check. Students are obligated to inform the Program Coordinator immediately of any change in the status of their criminal record. A positive PIC may prevent

fieldwork placements and, as a result, completion of the program.
- Provide current Intervention Record Check.

Immunization Submission and Placement of Eligibility

Submission of immunization documentation is required as a post-secondary admission requirement for all health programs. AHS currently recommends immunizations for healthcare workers; however, individual clincal/fieldwork may require proof of specific immunizations and/or screening (e.g., Tuberculosis).

Students are responsible for:

- Submitting records to immunizations@mhc.ab.ca (see orientation package for specific details),
- Maintaining up-to-date immunizations throughout the duration of the program, and
- Providing updated documentation upon request.

Attendance at clinical sites is at the site's discretion, including during outbreaks. If a student is denied placement or cannot attend due to immunization status, alternative placements may not be available, resulting in the inability to meet practice requirements. Immunization requirements are subject to change based on directives from placement partners.

During the program, students must:

- Provide proof of current CPR/AED Certification from one of the following:
  - Heart & Stroke Foundation (BLS - Basic Life Support)
  - Canadian Red Cross (HCA - Heatlth Care Providers)
  - St. John Ambulance (CPR - Health Care Provider)
- Obtain a N-95 mask
- Submitting records to immunizations@mhc.ab.ca (see orientation package for specific details)
- Maintaining up-to-date immunizations throughout the duration of the program, and
- Providing updated documentation upon request.

Program Outline

Year One - Semester 1

IDST	100	Introductory Communications for Helping Professionals	4 CR
ENGL	XXX	Any 100- or 200-level English	3 CR
KNES	261	Human Anatomy	4 CR
PSYC	2XX	Any 200-level Psychology (PSYC 201 recommended)	3 CR
TAPC	110*	Introduction to Health Care and Rehabilitation	3 CR

Year One - Semester 2

LING	2XX	Introductory	3 CR
SOCI	2XX	Any 200-level Sociology	3 CR
TAPC	111	Rehabilitation Process	4 CR
TAPC	112	Health Disorders & Conditions in Rehabilitation	3 CR
TAPC	113	Growth and Development for Rehabilitation Service Providers	3 CR

Year One - Semester 3

SLPA	212	Basics for the Speech-Language Pathologist Assistant	3 CR

Year Two - Semester 4

AUDA	212	Introduction to Audiology	3 CR
SLPA	215	SLPA Therapeutic Processes I	4 CR
SLPA	216	SLPA Therapeutic Processes II	4 CR
SLPA	217	SLPA Therapeutic Processes III	4 CR
TAPC	210	Professional Integration for the Therapist Assistant	1 CR

Year Two - Semester 5

SLPA	206*	SLPA Therapeutic Processes IV	4.5 CR
SLPA	207*	SLPA Therapeutic Processes V	4.5 CR
TAPC	218	Career Preparation for the Therapist Assistant	1 CR

**These courses are fieldwork courses or contain fieldwork.*

Practicum/Fieldwork

- All program requirements must be completed appropriately and satisfactorily prior to commencing fieldwork.
- Students who have not successfully met their course and program requirements will not be permitted into the fieldwork courses.
- Fieldwork arrangements are made by Medicine Hat College with consideration of student preferences; however, students may be required to complete fieldwork at sites other than those requested. Once arrangements are confirmed, they are usually not modified.
- Students should expect to complete at least one fieldwork course/ placement outside of Medicine Hat.
- Online students may also be required to travel outside of their home area to complete their fieldwork requirements.
- Students may anticipate additional costs associated with these placements, e.g., travel, accommodations, etc.
- Fieldwork placements occur only in Canada, are unpaid, and are considered full-time.

Program Progression

- 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 five years.
- 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.
- 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 semesters] may compromise a student's standing in the program. This also facilitates proper planning for labs and fieldwork.

Field Work

- Participation in all activities related to fieldwork is mandatory.
- Students must successfully complete lab examinations in SLPA 212, SLPA 215, SLPA 216, SLPA 217, 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 must discuss this situation with Medicine Hat College faculty. This evaluation may result in having to repeat the placement.
- Students who 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, before 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.

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

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

Athabasca University

Graduates are eligible to receive up to 60 credits toward the Bachelor of Professional Arts - Human Services Major. Contact an Athabasca University Academic Advisor for further information.

University of Calgary

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

University of Lethbridge

Graduates are eligible for admission into third year of the Bachelor of Therapeutic Recreation. Students must present a minimum 2.0 GPA. Contact a University of Lethbridge Academic Advisor for further information.

Sport and Event Marketing and Management Diploma

Program Length: 2 years
Intake: Fall

Program Description

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

Industry Credentials

Not applicable.

Admission Requirements

High School Route

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

Mature Route

- ELA 30-1 or ELA 30-2

Transfer/Post-Secondary Route

Not applicable.

Additional Selection Criteria

Not applicable.

Post-Admission Requirements

Not applicable.

Program Outline

Year One - Semester 1

ACCT	200	Introduction to Accounting	3 CR
COMM	140	Communication in the Workplace	3 CR
MGMT	161	Management Theory	3 CR
SEMM	171	Introduction to Marketing	3 CR
SEMM	201	Introduction to Sport & Event Management	3 CR

Year One - Semester 2

COMM	253	Human Relations in the Workplace	3 CR
MGMT	267	Leadership Development	3 CR
SEMM	221	Sport and Event Marketing	3 CR
SEMM	271	Digital Marketing	3 CR
SEMM	325	Evidence-Based Event Marketing	3 CR

Year Two - Semester 3

MGMT	263	Organizational Behavior	3 CR
MGMT	395	Business Law	3 CR
SEMM	241	Event Content, Design and Application	3 CR
SEMM	251	Sport and Event Sponsorship and Fundraising	3 CR
SEMM	315	Persuasion in Event Management	3 CR

Year Two - Semester 4

SEMM	311	Global Marketing of Sports	3 CR
SEMM	331	E-Sports Management	3 CR
SEMM	351	Sport Event Media and Public Relations	3 CR
SEMM	355	Brand Marketing	3 CR
SEMM	371	Sport Event Management Project	3 CR

Year Two - Semester 5

SEMM	391	Sport and Event Marketing and Management Work-Integrated Learning	6 CR

Practicum/Fieldwork

After their final semester of the second year, students will complete a work placement (SEMM 391) to gain valuable hands-on experience in industry.

Program Progression

Prerequisite grades must be C- or higher.

Graduation Requirements

To successfully complete this program students must:

- attain a minimum cumulative GPA of 2.0
- achieve no grade lower than C-
- achieve a grade of CR in SEMM 391

Transfer & Pathways

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

College of the Rockies

Graduates are eligible to receive block transfer of 60 credits into third year of the Bachelor of Business Administration in Sustainable Business Practices. Graduates must have completed specific courses and have a 2.3 GPA (C+) with a minimum C grade in transferred courses. Contact a College of the Rockies Academic Advisor for further information.

NAIT

Graduates may be eligible for admission into Bachelor of Business Administration. Contact a NAIT Academic Advisor for further information. This pathway is currently under review; please contact transfer@mhc.ab.ca for confirmation on status.

Royal Roads University

Graduates are eligible to enter the third year of the Bachelor of Business Administration in Innovation and Sustainability or the Bachelor of Commerce in Entrepreneurial Management. Students must present a minimum 3.0 GPA (B grade) and meet all other admission criteria. Contact a Royal Roads University Academic Advisor for further information.

Sustainable Energy Systems Professional Certificate

Program Length: 1 year
Intake: Fall

Program Description

With over 50% of training on the job, the Sustainable Energy Systems Professional program offers flexible learning that allows students to work, learn, and build their 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. It's designation will help students upskill, transition to related industries, or enter new positions focused on energy auditing and consulting.

Career Opportunities

- Management of Construction
- Renewable Energy Generation
- Building Management
- Facilities Operation

Industry Credentials

Not applicable.

Admission Requirements

High School Route

High School Diploma with:

- ELA 30-1 or ELA 30-2

Mature Route

- ELA 30-1 or ELA 30-2, or
- 10+ years of industry experience, or Journeyman, or Red Seal Certification

Transfer/Post-Secondary Route

Not applicable.

Additional Selection Criteria

Not applicable.

Post-Admission Requirements

Not applicable.

Program Outline

Year One - Semester 1

SESP	110	Strategic Communication	3 CR
SESP	111	The Energy System	3 CR
SESP	112	Energy Generation & Consumption	3 CR
SESP	119	Applied Learning Field Placement I	6 CR

Year One - Semester 2

SESP	120	Procurement & Management	3 CR
SESP	121	Energy Ecosystems	3 CR
SESP	122	Codes & Contracts	3 CR
SESP	129	Applied Learning Field Placement II	6 CR

Year One - Semester 3

SESP	130	Energy Modelling & Advocacy	3 CR
SESP	131	Rating & Evaluation Systems	6 CR

Practicum/Fieldwork

Not applicable.

Program Progression

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

Transfer & Pathways

Not applicable.

Program Length: 2 years
Intake: Fall

Program Description

A first of its kind in Canada, MHC's Sustainable Innovation diploma prepares students to lead the development and implementation of regenerative solutions that address environmental, social, and economic challenges. Sustainable innovation focuses on creating new ideas, products, services, and processes that restore ecosystems, enhance social equity, and drive economic prosperity. Students will explore how to go beyond minimizing harm to the environment and society, focusing instead on actively regenerating the systems that support our built environment, ensuring a thriving future for both people and the planet.

This two-year, five-semester program includes integrated workplace learning and is designed for those eager to challenge conventional practices and push the boundaries of sustainability. Graduates will emerge as leaders equipped to drive regenerative innovation across industries, aligning their efforts with the United Nations' 17 Sustainable Development Goals (SDGs) to address global challenges with strategic solutions.

The program cultivates essential skills in creative and systems thinking, empowering students to assess issues from multiple perspectives, begin to understand "wicked problems," and build strong, evidence-based cases for regenerative actions. Students draw on data-driven analysis, spatial understanding, and place-based and Indigenous-informed perspectives as they develop innovative, adaptable solutions. Through this process, they will demonstrate the courage to take calculated risks, lead transformative projects, and align their work with local and global sustainability targets.

With a focus on systems thinking, students will learn to recognize the deep interconnections between organizational actions and their broader impact on people, communities, and ecosystems. They will develop the skills to communicate effectively and foster collaboration across diverse teams, all while creating regenerative solutions that not only meet present needs but restore and enrich the world for future generations.

Career Opportunities

- Project Coordinator
- Sustainability Analyst
- Project Manager
- Business Consultant

Industry Credentials

Not applicable.

Admission Requirements

High School Route

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

Mature Route

- ELA 30-1 or ELA 30-2

Transfer/Post-Secondary Route

Not applicable.

Additional Selection Criteria

Not applicable.

Post-Admission Requirements

Not applicable.

Program Outline

Year One - Semester 1

FINA	161	Principles of Finance	3 CR
GEOG	191	Physical Geography and Ecosystem Science	3 CR
SUST	111	Creativity and Changing Perspectives	3 CR
SUST	112	Introduction to Social Innovation	3 CR
SUST	114	Sustainability & Systems Thinking	3 CR

Year One - Semester 2

ENGL	110	Technical Communications	4 CR
MGMT	161	Management Theory	3 CR
PHYS	101	How Things Work	3 CR
SUST	121	Sustainability & Modelling	3 CR
SUST	124	Sustainability and Corporate Social Responsibility	3 CR

Year Two - Semester 3

MKTG	171	Marketing	3 CR
SUST	113	Introduction to Regenerative Design	3 CR
SUST	123	Building Community	3 CR
SUST	212	Design Thinking	3 CR
SUST	213	Managing Innovation Intiatives	3 CR

Year Two - Semester 4

CPSC	151	Data Modelling & Systems Dynamics	3 CR
SUST	122	Building and Sustaining Innovative Organizations	3 CR
SUST	129	Sustainability by Design	3 CR
SUST	222	Innovation and Strategic Implementation	3 CR
SUST	229	Sustainable Innovation Project	3 CR

Year Two - Semester 5

SUST	299	Sustainable Innovation Work Integrated Learning	6 CR

Practicum/Fieldwork

Students apply their knowledge and skills in sustainability-focused settings through an integrated work placement, gaining professional experience, networking opportunities, and career support.

Program Progression

- 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 a grade of CR in SUST 299

Transfer & Pathways

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

NAIT

Graduates who satisfy the entrance requirements are eligible for admission into the third year of the Bachelor of Technology. Contact a NAIT Academic Advisor for further information.

Royal Roads University

Graduates are eligible to enter the third year of the Bachelor of Arts in Environmental Practice, Bachelor of Arts in Interdisciplinary Studies, or Bachelor of Business Administration in Innovation and Sustainability. Students must present a minimum 3.0 GPA (B grade) and meet all other admission criteria. Contact a Royal Roads University Academic Advisor for further information.

Medicine Hat College is pleased to offer courses that transfer to a variety of university programs. Since each institution has different program components needed for transfer, the time students spend at Medicine Hat College is dependent on the degree granting institution they choose, requirements for their future degree, course availability and scheduling, and the student's individual timelines.

Considering the above, in preparation for entrance into University Transfer at MHC, it is important to note and prepare for the following potential limitations:

- MHC offers a range of disciplines, but not all
- MHC does not always offer all the required courses associated with a discipline
- MHC may not offer a listed course for various reasons (low enrolment, instructor availability, etc)

Students can consult with an academic advisor for guidance on courses that transfer to their select university. Transfer credit is determined at the discretion of the granting university.

The University Transfer program at Medicine Hat College provides students with a foundation to be successful in university degrees. This program will prepare students to transfer to another institution after they complete a maximum of two years of study at Medicine Hat College.

The program is possible with the college's participation in Campus Alberta Quality Council. Admission to all university programs in Alberta is competitive and students are responsible for understanding admission and program requirements.

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

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

Admission Requirements

Please see page 18 for the Admission Requirements for University Transfer programs at Medicine Hat College. Students should be aware of and ensure they meet the admission requirements of the university they intend to transfer to.

ARTS (B.A.)

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

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

Career Opportunities

- Editorial and Publishing Careers
- Government and Post-Secondary Sectors
- Non-Profit and Community Development
- Professional and/or Technical Writer
- Public Relations
- Research Professional

Career Opportunities through Further Study

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

COMMERCE/MANAGEMENT (B.COMM; BMGMT; BBA)

Success in business rests on a strong foundation of basic business concepts in areas such as accounting, financial services, marketing, human resources, and more.

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
- Economic Development Officer
- Human Resources Professional
- Financial Analyst

Potential Degree Pathways

University of Alberta, Alberta School of Business
Website: www.ualberta.ca/business

Athabasca University, Faculty of Business
Website: https://www.athabascau.ca/business/index.html

University of Calgary, Haskayne School of Business
Website: www.haskayne.ucalgary.ca

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

Mount Royal University, Bissett School of Business
Website: https://www.mtroyal.ca/ProgramsCourses/FacultiesSchoolsCentres/Business/

EDUCATION (B.ED.)

Medicine Hat College offers university transfer opportunities for students wishing to earn an education degree. A Bachelor of Education credential in Alberta qualifies graduates to teach Kindergarten through Grade Twelve. The university transfer-Education program is both course- and experience- based, to promote maximum growth for pre-service teachers' ability and confidence. The curriculum prepares pre-service teachers as they explore this career path and start to develop a greater understanding of teaching, learning, and assessment.

Students will develop an evolving teaching philosophy based on opportunities to experience, discuss, and critically analyze aspects of education and schooling. Some courses require students to participate in relevant classroom experiences in the community.

Career Opportunities

- K-12 Grade school teacher
- Leading educational programs in provincial or municipal settings
- Corporate training facilitator

Practicum

Students should be aware that under the Protection for Persons in Care Act (January 1998) they will be required to provide a current Police Information Check with Vulnerable Sector Search as well as an Alberta Children's Services Intervention Record Check to the school jurisdiction in which they are placed for each teaching practicum or experience.

Student teachers are responsible for the cost of obtaining this documentation, ensuring it is provided to school jurisdictions requiring it, and providing a copy to the Education Student Placement Officer prior to the start of the first field experience. It is also recommended that they possess a current Emergency or Standard First Aid Certificate and that health immunization records are up to date.

Potential Degree Pathways

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 71 and on the MHC website at www.mhc.ab.ca.

Mount Royal University, Faculty of Education
Website: www.mtroyal.ca/bed/

University of Alberta, Faculty of Education
Website: www.ualberta.ca/education

University of Calgary, Faculty of Education
Website: www.Werklund.ucalgary.ca

University of Lethbridge, Faculty of Education
Website: www.uleth.ca/education

University of Regina, Faculty of Education
Website: www.uregina.ca/education/index.html

University of Saskatchewan, College of Education
Website: https://education.usask.ca/

KINESIOLOGY (B.A., B.KIN., B.P.E., B.SC.)

Kinesiology is the study of human movement. Its goal is to use evidence-based research to improve human health, wellness, and performance. With a degree in kinesiology, students may become employed in areas related to coaching; recreation; general and workplace health and fitness; sports performance; research; illness and injury prevention; and rehabilitation. A degree in kinesiology can also help students to meet the admission requirements for a graduate program or another professional degree such as physical therapy or medicine.

Career Opportunities

- Elementary/Secondary Schools
- Municipal Recreation Departments
- Colleges/Universities
- Comprehensive Healthcare Facilities
- Community Centres/ Sports and Fitness Centres
- Hospitals/Primary Healthcare Settings

Potential Degree Pathways

University of Alberta, Faculty of Kinesiology, Sport and Recreation
Website: www.ualberta.ca/kinesiology-sport-recreation/

University of Calgary, Faculty of Kinesiology
Website: www.ucalgary.ca/knes

University of Lethbridge, Faculty of Arts and Science
Website: www.uleth.ca/artsci/kinesiology

University of Lethbridge - Dual Admission
This program has a Dual Admissions agreement with the University of Lethbridge (U of L) that provides students with early access and security in their U of L transfer pathway. Contact your MHC Academic Advisor for specific details and requirements to become a dual-admitted student.

Mount Royal University, Faculty of Health, Community & Education
Website: www.mru.ca/bhpe

University of Regina, Faculty of Kinesiology and Health Studies
Website: www.uregina.ca/kinesiology/

University of Saskatchewan, College of Kinesiology
Website: kinesiology.usask.ca

SCIENCE (B.SC.)

For students interested in how the world works and what makes up the earth, a degree in one of the many areas of science might be the right path for them. This program will prepare students to transfer to another institution after they complete a maximum of two years at Medicine Hat College. Bachelor of Science may be in a range of disciplines such as cell biology, immunology and infection, physiology, pharmacology, physics, or zoology.

A Bachelor of Science can be used as a pathway into professional, master's, or after degree programs. Students intending to pursue professional programs can complete pre-professional requirements within the University Transfer Science program. Students can take pre-professional program requirements within the science program towards chiropractic, dental hygiene, dentistry, medical laboratory science, medicine, nutrition, optometry, pharmacy, and veterinary medicine. Students wishing to pursue a professional program are encouraged to seek the advice of an Academic Advisor prior to selecting their courses, as program requirements change yearly and vary by institution.

- Agricultural Companies
- Agrologist
- Analyst
- Animal Biology (Zoology)
- Chiropractor
- Consulting
- Dentist or Dental Hygienist
- Doctor
- Environmental Consultant
- Environmental Science
- Government
- Industrial Laboratories
- Land Reclamation Specialist
- Optometrist
- Pharmaceutical
- Production/ Manufacturing
- Registered Dietitian
- Research & Development
- Soil Scientist
- Veterinarian

Potential Degree Pathways

University of Alberta, Faculty of Science
Website: www.ualberta.ca/science or www.ualberta.ca/agriculture-life-environment-sciences/

University of Calgary, Faculty of Science
Website: www.science.ucalgary.ca/

University of Lethbridge - Dual Admission
Website: www.uleth.ca/artsci

University of Lethbridge - Dual Admission
This program has a Dual Admissions agreement with the University of Lethbridge (U of L) that provides students with early access and security in their U of L transfer pathway. Contact your MHC Academic Advisor for specific details and requirements to become a dual-admitted student.

MacEwan University, Faculty of Arts & Science
Website: www.macewan.ca/science

Mount Royal University, Faculty of Science & Technology
Website: www.mtroyal.ca/science

St. Mary's University
Website: www.stmu.ca/

Medicine Hat College students can transfer directly into the third year of St. Mary's University's (StMU) Bachelor of Science degree with a major in biology. Students interested in this transfer agreement must meet with a Medicine Hat College Academic Advisor to ensure they understand all admission and transfer requirements.

SOCIAL WORK (B.S.W.)

For students interested in helping people gain capacity, identify societal challenges and make a difference in the lives of others, a Social Work degree might be the right path. A Bachelor of Social Work can be used as a pathway into professional, master's, or after degree programs such as Law, or Rehabilitation Medicine. Students wishing to pursue a professional program are encouraged to seek the advice of an academic advisor prior to selecting their courses, as program requirements change yearly and vary by institution.

Career Opportunities

- Child Welfare
- Community-based services
- Continuing care
- Criminal Justice System
- Crisis Intervention
- Disability/Rehabilitation
- Health Care
- International and Human Rights
- Leadership
- Mental Health & Addictions
- Non-profit Agencies
- Politics & Policy
- Private Practice
- Research and Academia
- School Settings

Potential Degree Pathways

University of Calgary, Faculty of Social Work
Website: www.ucalgary.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/Faculties-SchoolsCentres/HealthCommunityEducation/Programs/BachelorSocialWork/index.htm

University of Regina, Faculty of Social Work
Website: www.uregina.ca/socialwork/

COURSE DESCRIPTIONS

Classification of Instruction

Clinical (CL)

A learning experience in a real-world service setting (e.g., healthcare), where students work in small groups under instructor supervision. The instructor oversees both learning and evaluation.

Dual Credit (DC)

A scheduled period of instruction for dual-credit programming delivered as part of an agreement with a K-12 school division.

Field Placement (FP)

Practical work experience in a professional setting. The host organization guides learning and evaluates performance. College involvement is minimal, and evaluation is typically credit/no credit.

Flexible Learning (FL)

A scheduled period of instruction where students may choose to attend in person or in an online format. Assessments, projects, and residency requirements will only be offered in-person and at specified times.

Laboratory (LB)

A scheduled instructional period in a specialized setting focused on applying theory through hands-on activities such as experimentation, observation, problem-solving, and skill development. Instruction may be individual or group-based and can include demonstrations, practice, fieldwork, or presentations.

Lecture (LC)

An in-person session where the instructor presents information, theories, or ideas.

Practicum/Work Placement (PR)

An off-campus, structured workplace experience combining theory and practice. Supervision is mainly by the host organization, with the college providing oversight and final evaluation.

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.

Tutorial (TU)

A session focused on discussing and exploring material introduced by the instructor.

Web Based (WB)

A lecture delivered in an online format. This could be in either a synchronous (scheduled meeting time) or asynchronous (self-paced) format.

General Information about Courses

Course Changes:

The college may modify or withdraw courses at any time without notice. Note that not all courses are offered every term.

Course Descriptions:

Each course description provides an overview of the course content and structure, including prerequisites or co-requisites, weekly hours, credit value, and any additional costs (e.g., certification fees).

Finding Courses:

Courses are listed alphabetically in the course description section of the calendar. Check the program sections to identify the required courses for your program.

Unspecified Course:

Courses identified with a specific subject, level, and credit value, however not a specific course title. Ex. ENGL 2XX 3cr = English 200 level 3cr. They are used in a program outline to indicate a wide variety of course options available to meet a requirement.

Unspecified Credit:

Credit granted for a course transferring to or from another institution, however not as a specific course. Ex. MHC ANTH 201 = AU 2XX Unspecified Course.

GUIDE TO COURSE DESCRIPTION SYMBOLS

Course number

BIOL 275 • Basic Human Anatomy and Physiology I

Course name

Prerequisite: BIOL 30

BIOL 275 and BIOL 277 are designed to give a thorough basic knowledge of the structure and function of the human body. BIOL 275 begins by examining the levels of organization (atom through organ systems) of the human body, then explores four organ systems in detail. These systems include: the skeletal and muscular systems that support and protect the body, and make movement possible; and the endocrine and nervous systems which integrates and coordinates body function. Some disorders of each systems are explored.

NOTE: Student cannot receive credit for both BIOL 275 & BIOL 305.

Hours: 84 hrs (3-3)

Credits: 4

Prerequisites are courses that must be completed prior to other courses.

Total Course hours

Weekly scheduled contacts hours: (3 hrs lecture – 3 hrs lab)

Weighting assigned to course

Course number

KNES 295 • Practicum

Course name

Prerequisite: KNES 247 and KNES 373

Corequisite: KNES 270

This practicum will give students the opportunity to gain hands-on industry experience and develop professional skills by working under the guidance of community professionals. Students will bridge the theoretical and practical knowledge gained in the classroom with real-world learning opportunities in various environments related to health, fitness, and athletics. The student will complete 14 hours of classroom work and 70 hours of non-paid work experience over the course of 14 weeks.

Hours: 84 hrs (1-5P)

Credits: 3

Prerequisites are courses that must be completed prior to other courses.

Corequisites are courses that must be taken at the same time or prior to another course.

Total Course hours

Weekly scheduled contacts hours: (1 hr lecture – 5 hrs practicum)

Weighting assigned to course

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.
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.
Hours: 56 hrs (4-0)
Credits: 3

ACCT 200 • Introduction to Accounting
Introduction to using accounting information to effectively manage organizations. You learn how to report, plan, budget, read, analyze financial information relating to organizations. Emphasis is placed on using accounting information for decision making.
Hours: 56 hrs (4-0)
Credits: 3

ACCT 211 • Intermediate Accounting I
Prerequisite: ACCT 113 or ACCT 321
This course focuses on providing financial information for external decision making. Professional pronouncements and practices regarding recognizing, measuring and disclosing assets and related revenues and expenses are examined. Financial statement preparation is a focus, expanding on previously discussed topics from introductory accounting.
Hours: 70 hrs (5-0)
Credits: 4

ACCT 213 • Intermediate Accounting II
Prerequisite: ACCT 211
This course is a continuation of ACCT 211. The course studies the more complex areas of corporate accounting such as those related to long-term investments, pension obligations and accounting for leases. Analysis of financial statements and current developments in accounting are also a focus.
Hours: 70 hrs (5-0)
Credits: 4

ACCT 215 • Managerial Accounting
Prerequisite: ACCT 113 or ACCT 321
Introduction to the production and use of accounting data for operational planning and control; special decision making and product costing; examination of cost behaviour patterns;methods of cost accumulation, cost estimation, and other topics.
Hours: 56 hrs (4-0)
Credits: 3

ACCT 219 • Taxation
Prerequisite: ACCT 113 or ACCT 321
Introduction to Canadian income taxation. This course is designed to provide you with mainly an introduction to the basic concepts and procedures associated with the federal income tax system as it applies to individuals. Theoretical and practical aspects of tax will be examined and you will learn how to prepare a basic individual tax return. Some attention will be given to corporate taxation and the federal goods and services tax. Some tax planning is discussed.
Hours: 42 hrs (3-0)
Credits: 3

ACCT 276 • Advanced Computerized Accounting
Prerequisite: (ACCT 111 & MGMT 193) or (ACCT 111 & CPSC 203) or APRO 145 or ACCT 321
With advanced accounting applications, the following modules are examined in detail: General Ledger, Accounts Receivable, and Accounts Payable. Course includes practice in setting up and using these three modules for adapting financial statements and in integrating accounting software with other applications. Business Intelligence software may also be considered.
Hours: 56 hrs (1-3)
Credits: 3

ACCT 290 • Work Integrated Learning
Prerequisite: ACCT 211, ACCT 213, ACCT 276 and one additional Intermediate Accounting Program course.
The work integrated learning plays a significant role in the development of professionals in the Intermediate Accounting Certificate program. Students will be placed in employment situations with local employers. Students find a placement with support from the business placement officer who maintains a roster of placement opportunities and provides students with direction and assistance in the development of resumes and job search techniques. Graded on CR/NC basis. Tuition for this course is $417.42 plus fees.
Hours: 240 hrs (0-40) 6 wks
Credits: 6

ACCT 321 • Introduction to Financial Accounting
Introduction to accounting for business organizations. You learn how to report financial results of operations and financial position to investors, managers, and others. Emphasis is placed on using accounting information for decision making.
Hours: 56 hrs (4-0)
Credits: 3

ACCT 323 • Introduction to Managerial Accounting
Prerequisite: ACCT 113 or ACCT 321
This course provides an introduction to the use of managerial accounting: preparation and use of accounting data for operational planning and control; special decision making and product costing; examination of cost behaviour patterns; cost estimation, and other topics. Emphasis is placed on the role of accounting in managerial decision making.
Hours: 56 hrs (4-0)
Credits: 3

ACCT 328 • Management Accounting II
Prerequisite: A minimum C grade in ACCT 215 or ACCT 323
This course examines various costing methods and analytical tools used by management accountants to provide information and recommendations relevant to short-term and long-term decision making. Topics covered include capital budgeting, cost and revenue allocation, profitability variances, process costing, and inventory management.
Hours: 42 hrs (3-0)
Credits: 3

ACCT 390 • Work Integrated Learning
Prerequisite: Minimum C grade in ACCT 428, ACCT 431 and an additional 6 credits in the Advanced Accounting Program.
The work integrated learning plays a significant role in the development of professionals in the Advanced Accounting Certificate program. Students will be placed in employment situations at competitive wage with local employers. Students find a placement with support from the business placement advisor who maintains a roster of placement opportunities and provides students with direction and assistance in the development of resumes and job search techniques. Graded on CR/NC basis. Tuition for this course is $417.42 plus fees.
Hours: 240 hrs (0-240) 6 wks
Credits: 6

ACCT 422 • Principles of Auditing
Prerequisite: A minimum C grade in 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: A minimum C grade in 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: A minimum C grade in 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: A minimum C grade in 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

ADDC (ADDICTIONS COUNSELLING)

ADDC 110 • Introduction to Addiction
This course introduces students to the study of addiction. Students will gain an awareness and understanding of the theories, practical skills, and issues that guide addictions workers. Participants will begin to explore various types of addictions and their impact on the addiction field. The course will demonstrate the breadth and diversity of addictions treatment theory, and how this is expressed in practice in the current world of addiction treatment.
Hours: 42 hrs (3-0)
Credits: 3

ADDC 120 • Introduction to Counselling Skills
This course introduces learners to basic counselling skills and is designed to help students develop essential helping skills needed to work with clients in the field of addiction.
Hours: 42 hrs (3-0)
Credits: 3

ADDC 130 • Assessment of Addiction
Prerequisite: ADDC 110
This course provides an overview of tools and strategies to assess client needs, including the Brain Story model. Topics include: screening, intake and orientation, types of tests and selection, as well as behavioral assessment and observation.
Hours: 42 (3-0)
Credits: 3

ADDC 140 • Counselling Theories and Approaches
Prerequisite: ADDC 120
This course examines major concepts of counselling theory. Students will be introduced to counselling theories such as person centered, motivational interviewing, and solution focuses techniques.
Hours: 42 (3-0)
Credits: 3

ADDC 150 • Prevention and Relapse
Prerequisite: ADDC 110 & ADDC 130
A key issue in addictions is client relapse. This course examines prevention through the use of relapse planning strategies. Students examine how they can support individuals in indetifying, evaluating, and preventing relapse.
Hours: 42 (3-0)
Credits: 3

ADDC 160 • Suicide and Mental Health in Addiction
Prerequisite: ADDC 130 and ADDC 140
This course studies the relationship between suicide, mental health and addiction.
Hours: 42 (3-0)
Credits: 3

ADDC 170 • Pharmacology of Addictions
Prerequisites: ADDC 130 and ADDC 140
This course focuses on the effects of psychoactive drugs and compulsive behaviours on the human body. Students will learn the major classes of abused substances and how they act on the brain and the body through the various stages of abuse/dependence and recovery. Students examine the clinical signs, symptoms and behaviours that may be indicative of psychoactive drug use, abuse, dependence and the implications for treatment and prevention planning. Students will also be introduced to the most common medical interventions for treating addiction and co-occurring disorders.
Hours: 42 (3-0)
Credits: 3

ADDC 180 • Indigenous Ways of Healing Addictions
The course presents the history of addictions for the Indigenous peoples through the lens of colonialism and residential schools. Indigenous concepts and healing in relation to multigenerational trauma and addiction process are discussed, including traditional ways and emerging methods for healing.
Hours: 42 (3-0)
Credits: 3

ADDC 190 • Addictions Counselling with Families
Prerequisites: ADDC 130 and ADDC 140
This course looks at how families are affected by addiction and introduces techniques to work with family systems in the recovery process. Students will explore the concepts of family survival roles/resilience, co-dependency and enabling, and they will develop strategies to help families who are caught in the addictions cycle. Advocacy and effective methods of empowering families to promote responsible parenting, accountability and healthy family roles are explored.
Hours: 42 (2-1)
Credits: 3

ADDC 195 • Addictions Counselling with Groups
Prerequisites: ADDC 130 and ADDC 140
Building upon course content in ADDC 120, this course focuses on developing techniques to work effectively with groups. Learners will gain practical knowledge and experience in interviewing and supporting groups.
Hours: 42 (2-1)
Credits: 3

ADDC 250 • Practicum
Prerequisites: Successful completion of all required Addictions coursework, including IDST, ENGL, PSYC, SOCI, and PHIL courses
The practicum placement enables students to integrate knowledge gained from courses, life, and professional experiences. Students develop practical skills and confidence working in addiction services agencies. The challenges that clients experience and the issues that tend to impact Indigenous clients are emphasized. Self-care and stress management are examined. Direct Field hours = 300 hrs, Integration Seminar hours = 20
Hours: 320 (2-30) 10 wks
Credits: 7.5

AMET (ADVANCED METEOROLOGY)

AMET 200 • Advanced Meteorology
This course will examine the fundamentals of weather and physics of the atmosphere. Upon successful completion of this course, students will be able to identify the factors that affect aviation flight regarding potential weather hazards such as: icing, turbulence, fronts, air masses, jet streams and surface based weather. Students will also be able to better understand the very complex structure and movement of the air masses within our atmosphere and their influence on climate and weather conditions including violent weather such as lightning, thunderstorms, tornadoes and hurricanes.
Hours: 42 hrs (3-0)
Credits: 3

AMET 201 • Aircraft Engines and Systems
Prerequisites: Second Year standing in the Aviation Management certificate program
Upon completing the Aircraft Engines and Systems course, students will develop an understanding of aviation engines, airframes, and related systems as well as industry safety and regulatory requirements. The curriculum covers diverse aircraft engines, explaining their unique applications, features, and fundamental operations like combustion processes and thrust generation. Engine-related topics include components such as compressors, turbines, and fuel systems, with a focus on maintenance procedures and troubleshooting. The course explores various propulsion systems, applying principles of thrust management and control. Students delve into aircraft systems, encompassing electrical, avionics, communications, hydraulics, pneumatics, and environmental systems. Navigation systems, including GPS, communication, avionics, and flight planning, are also covered. Emphasis on practical skills in maintenance and troubleshooting ensures hands-on experience. Safety, regulatory compliance, emergency response, human factors, and international standards are integrated components, providing students with comprehensive skills for success as proficient commercial pilots in the dynamic aviation industry. This course may run at the Super T Aviation facility located at the Medicine Hat Municipal Airport.
Hours: 84 hrs (6-0)
Credits: 4

ANTH (ANTHROPOLOGY)

ANTH 201 • Introduction to Biological Anthropology
Introduction to the major fields of biological anthropology, including human paleontology, primatology, genetics, osteology, human adaptation, and human variation. These fields rely on the principles of evolutionary theory and processes for the basis of understanding primate and human adaptation. The path of human evolution is studied through the observation of biological and behavioural responses to environmental stresses using modern primates, fossil species, and modern human skeletal anatomy.
NOTE: Students cannot receive credit for both ANTH 201 and ANTH 1101.
Hours: 42 hrs (3-0)
Credits: 3

ANTH 203 • Introduction to Social and Cultural Anthropology
This course deals with the nature of human society: its elements, its variability and its perpetuation. Conclusions will be drawn from comparisons of institutions (political, economic, religious, educational, and sexual) in both small-scale and large-scale societies.
Hours: 42 hrs (3-0)
Credits: 3

ANTH 213 • Contemporary Indigenous Issues in Canada
This course explores the history of Indigenous/state relations, the development of policy, and current efforts of Indigenous peoples to address historical matters through the critique of the residential school system and the pursuit of self-government, land claims, modern treaties and Indigenous rights. Includes a critical examination of Canadian historical writing, popular culture, and stereotypes of Indigenous peoples and will survey contemporary Indigenous expressions of identity in the arts, literature, cultural performances, and other public contexts
Hours: 42 hrs (3-0)
Credits: 3

ANTH 215 • Ecological and Cultural Issues in Indigenous Communities: Canadian and International Perspectives
Ethnological, archaeological and ecological perspectives are applied to the study of indigenous communities in Canada. Topics included are: Archaeological evidence of prehistoric and early historic native communities; sociocultural/environmental relationships of the past and present; indigenous interest in, legal rights to, and management of the land and its resources; and international perspectives on ecological and cultural issues involving indigenous peoples.
Hours: 42 hrs (3-0)
Credits: 3

ANTH 255 • An Ethnographic Survey of Indigenous North Americans
Prerequisite: ANTH 203
Selected North American Indigenous cultures are studied in terms of the relationship between basic subsistence adaptations, social, ceremonial, and ideological structures.
NOTE: Not open to students with credit in ARKY 381.
Hours: 42 hrs (3-0)
Credits: 3

ANTH 379 • Urban Anthropology
Prerequisite: ANTH 203 or permission of the Dean
An extensive overview of urban settlements, from their first appearance, to contemporary cities in the developing and developed world. This course explores theoretical and methodological approaches of the social sciences in understanding the development and physical structures of cities and the diversity of urban lifeways and social issues.
Hours: 42 hrs (3-0)
Credits: 3

ANTH 1101 • Introduction to Primatology and Human Evolution
Introduction to the major fields of biological anthropology, including human paleontology, primatology, genetics, osteology, human adaptation, and human variation. These fields rely on the principles of evolutionary theory and processes for the basis of understanding primate and human adaptation. The path of human evolution is studied through the observation of biological and behavioural responses to environmental stresses using modern primates, fossil species, and modern human skeletal anatomy. *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: 270 hrs 9 wks

APAT 200 • Automotive Service Technician
Second Year
Hours: 270 hrs 9 wks

APAT 300 • Automotive Service Technician
Third Year
Hours: 270 hrs 9 wks

APAT 400 • Automotive Service Technician
Fourth Year
Hours: 270 hrs 9 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: 300 hrs 10 wks

APEL 400 • Apprentice Electrician
Fourth Year
Hours: 300 hrs 10 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 & Digital Design Fundamentals I
This course introduces foundational principles of design and layout for business communications in both print and digital media. Students will learn to create clear and visually effective materials that support professional communication needs, while applying best practices for design across multiple platforms. The course also emphasizes the development of keyboarding proficiency, with a minimum of 30 WPM at 97% accuracy required to successfully complete the course.
Hours: 56 hrs (1-3)
Credits: 3

APRO 109 • Keyboarding & Digital Design Fundamentals II
Prerequisite: A minimum of a C grade in APRO 108
This course introduces foundational principles of design and layout for business communications in both print and digital media. Students will learn to create clear and visually effective materials that support professional communication needs, while applying best practices for design across multiple platforms. The course also emphasizes the development of keyboarding proficiency, with a minimum of 30 WPM at 97% accuracy required to successfully complete the course.
Hours: 42 hrs (1-2)
Credits: 3

APRO 125 • Office Communications I
Students develop foundational communication and customer service skills essential for today's professional office environment. Emphasis is placed on effective communication, professional correspondence, and practical application of customer service concepts including conflict resolution techniques. Through hands-on exercises, students practice written, verbal, and digital communication strategies.
Hours: 56 hrs (4-0)
Credits: 3

APRO 135 • Advanced Word & PowerPoint
You will gain proficiency in using Microsoft Word to format text, organize content into columns, and work with tables, styles, and mail merge for professional document production. Additionally, you will learn to design compelling presentations in Microsoft PowerPoint, utilizing advanced features such as transitions, animations, and master slides to deliver polished, business-ready presentations.
Hours: 70 hrs (2-3)
Credits: 4

APRO 137 • Advanced Excel
Prerequisite: A minimum of a C grade in APRO 135
Building on foundational office skills, this course introduces you to the comprehensive functions of Microsoft Excel, a key tool in business administration. You will learn to organize, analyze, and interpret data through spreadsheet creation and maintenance. The course covers advanced Excel features, including formulas, charts, and data formatting, ensuring you are prepared to manage and evaluate data effectively in various business settings.
Hours: 70 hrs (2-3)
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: 56 hrs (0-4)
Credits: 3

APRO 145 • Bookkeeping II
Prerequisite: A minimum of a C grade in APRO 140 or a minimum grade of C- in ACCT 111
As a continuation of APRO 140, you learn the procedures for cash control specialized journals and ledgers, payroll and GST. In addition you use Sage to do computerized book-keeping.
Hours: 70 hrs (3-2)
Credits: 4

APRO 155 • Office Communications II
Prerequisite: A minimum of a C grade in APRO 125
Students build on foundational communication skills with a focus on strategic, persuasive, and professional workplace communication. Emphasis is placed on applying business terminology, preparing reports, proposals, and presentations, and developing professional strategies for job interviews as well as for working effectively with internal and external stakeholders. Students also practice professional correspondence, persuasive writing, and presenting information in both written and digital formats.
Hours: 56 hrs (4-0)
Credits: 3

APRO 167 • Office Relations
Students develop essential interpersonal and professional skills for success in the workplace. They explore strategies for personal growth, critical thinking, problem-solving, and decision-making. Students learn to build and maintain positive workplace relationships through effective communication and teamwork..
Hours: 42 hrs (3-0)
Credits: 3

APRO 190 • Work Experience
Prerequisite: C grade in APRO 167
Corequisite: A minimum of a C grade in APRO 109, APRO 137, APRO 145, APRO 155 & APRO 210
You work in an office setting obtaining practical on-the-job experience that applies the concepts you have learned from your studies in the Administrative Office Professional Program at Medicine Hat College. The work experience gives you an understanding of the importance of developing acceptable work habits, good grooming, and the need for self-discipline. You learn how to deal with others in a professional, business-like manner. You recognize the need for having a positive attitude when working with others.
NOTE:This course is scheduled at the conclusion of the winter semester. Graded on a CR (Pass)/NC (Fail).
Hours: 140 hrs (0-140P) 4 wks
Credits: 4

APRO 200 • Payroll Fundamentals I
Prerequisite: A minimum of a C grade in APRO 210
Students will gain an in-depth understanding on the calculation of regular individual pay, non-regular individual pay, termination payments, and how to complete a record of employment.
Hours: 42 hours (1-2)
Credits: 3

APRO 210 • Payroll Compliance Legislation
Upon completion of Payroll Compliance Legislation (PCL), students will have a thorough understanding of payroll compliance requirements. They will be able to: describe payroll's objectives and stakeholders, identify an employer/employee relationship, apply federal and provincial legislation related to payroll including: The Canada Pension Plan; The Employment Insurance Act; The Income Tax Act; Employment standards legislation; Worker's Compensation Acts; and Quebec specific legislation. Students will be able to communicate payroll compliance requirements to various stakeholders.
Hours: 42 hours (3-0)
Credits: 3

APRO 220 • Payroll Fundamentals II
Prerequisite: A minimum of a C grade in APRO 210 & APRO 200
Students will gain an in-depth understanding on how to calculate organizational remittances to federal, provincial and third party stakeholders. Students will be able to prepare accounting documentation for payroll, complete year end documentation, and communicate all aspects of organizational remittances, accounting and year end requirements to internal, external and government stakeholders.
Hours: 42 hrs (1-2)
Credits: 3

APSP (APPRENTICESHIP – STEAMFITTER/ PIPEFITTER)

APSP 200 • Apprentice Steamfitter/Pipefitter
Second Year
Hours: 240 hrs 8 wks

APSP 300 • Apprentice Steamfitter/Pipefitter
Third Year
Hours: 240 hrs 8 wks

APSP 400 • Apprentice Steamfitter/Pipefitter
Fourth Year
Hours: 240 hrs 8 wks

APWE (APPRENTICESHIP – WELDING)

APWE 100 • Apprentice Welding
First Year
Hours: 240 hrs 8 wks

APWE 200 • Apprentice Welding
Second Year
Hours: 240 hrs 8 wks

APWE 300 • Apprentice Welding
Third Year
Hours: 240 hrs 8 wks

ARDE (ART & DESIGN)

ARDE 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: 72 hrs (3-3) 12 wks
Credits: 4

ARDE 213 • Typography
Prerequisite: ARDE 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: 72 hrs (3-3) 12 wks
Credits: 4

ARDE 231 • 2D Fundamentals
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: 72 hrs (3-3) 12 wks
Credits: 4

ARDE 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: 72 hrs (3-3) 12 wks
Credits: 4

ARDE 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: 72 hrs (3-3) 12 wks
Credits: 4

ARDE 243 • Drawing II
Prerequisite: ARDE 241 or ARDR 241
Course focuses on basic theory and practice of drawing, involving both perceptual and conceptual projects in monochromatic and colour media.
Hours: 72 hrs (3-3) 12 wks
Credits: 4

ARDE 304 • Sculpture I
Prerequisites: ARDE 233 or ARFN 233 & ARDE 241 or 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: 72 hrs (3-3) 12 wks
Credits: 4

ARDE 305 • 3D Design I
Prerequisites: ARDE 233 or ARFN 233 or ARDE 304 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: 72 hrs (3-3) 12 wks
Credits: 4

ARDE 315 • Typography II
Prerequisite: ARDE 213 and ARDE 327
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: 72 hrs (3-3) 12 wks
Credits: 4

ARDE 327 • Print Production
Prerequisites: ARDE 231 or ARFN 231 & ARDE 211 or 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: 72 hrs (3-3) 12 wks
Credits: 4

ARDE 329 • Web Design Fundamentals
Prerequisites: ARDE 211 or ARFN 211
This course provides a foundation for emerging digital creative practitioners. Students explore the fundamentals of design for web by planning, designing, and producing simple web pages that function efficiently and communicate effectively with a focus on the principles of design. User interface and user experience (UI/UX) design will be introduced.
Hours: 72 hrs (3-3) 12 wks
Credits: 4

ARDE 331 • Graphic Design I
Prerequisites: ARDE 213 and ARDE 231 or 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: 72 hrs (3-3) 12 wks
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: 72 hrs (3-3) 12 wks
Credits: 4

ARDE 335 • Photography I
Prerequisite: ARDE 231 or 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: 72 hrs (3-3) 12 wks
Credits: 4

ARDE 337 • Photography II
Prerequisite: ARDE 335 or 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: 72 hrs (3-3) 12 wks
Credits: 4

ARDE 338 • Motion Design I
Prerequisites: ARDE 231 or ARFN 231 & ARDE 211 or 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: 72 hrs (3-3) 12 wks
Credits: 4

ARDE 341 • Figure Drawing
Prerequisite: ARDE 243 or 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: 72 hrs (3-3) 12 wks
Credits: 4

ARDE 343 • Drawing in Mixed Media
Prerequisite: ARDE 243 or ARDR 243
Course focuses on the theory and practice of advanced drawing, emphasizing the development of personal style through mixed media drawing approaches.
Hours: 72 hrs (3-3) 12 wks
Credits: 4

ARDE 351 • Painting I
Prerequisites: ARDE 231 or ARFN 231 or ARDE 241 or ARDR 241
This course is an introduction to a variety of stylistic and conceptual approaches to painting. Students are encouraged to investigate colour theory and to explore ways in which paint can be manipulated physically in relation to a surface.
Hours: 72 hrs (3-3) 12 wks
Credits: 4

ARDE 353 • Painting II
Prerequisite: ARDE 351 or 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: 72 hrs (3-3) 12 wks
Credits: 4

ARDE 357 • Illustration I
Prerequisites: ARDE 231 or ARFN 231 & ARDE 241 or ARDR 241
This course is an application of illustration in a creative graphic context. the course incorporates a conceptualization process for deliberate and clear visual communication. It introduces the media, tools, and techniques of illustration. It utilizes research, references, models, and props for illustration. The emphasis is on editorial, informational, and cultural projects.
Hours: 72 hrs (3-3) 12 wks
Credits: 4

ARDE 365 • Video I
Prerequisite: ARDE or ARFN 231
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: 72 hrs (3-3) 12 wks
Credits: 4

ARDE 372 • Relief Printmaking I
Prerequisites: ARDE 231 or ARFN 231 & ARDE 241 or ARDR 241
This course offers an introduction to the concepts, processes and techniques in relief printing. Topics include the linocut, woodcut, and wood engraving. Students will become familiar with the tools and safe practices used in conjunction with relief print making. In addition, students will explore composition, value, and the graphic characteristics of relief printing. Classes will consist of lecture, critiques, and studio based work. Students will also acquire an understanding of the history of relief print making.
Hours: 72 hrs (3-3) 12 wks
Credits: 4

ARDE 377 • Serigraphy I
Prerequisites: ARDE 231 or ARFN 231 & ARDE 241 or 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: 72 hrs (3-3) 12 wks
Credits: 4

ARDE 379 • Intaglio I
Prerequisites: ARDE 231 or ARFN 231 & ARDE 241 or ARDR 241
This course offers an introduction to concepts, processes and techniques in intaglio print making. Students will become familiar with techniques such as dry point, etching, and aquatint, as a means to explore composition and the drawing and painterly characteristics of intaglio print making. Classes will consist of lectures, critiques, and studio based work. Students will also acquire an understanding of the history of intaglio print making.
Hours: 72 hrs (3-3) 12 wks
Credits: 4

ARDE 394 • Portfolio and Work Term Preparation
Prerequisite: ARDE 231 or ARFN 231 & ARDE 213
In this course the student develops a professional print and web portfolio. The course provides instruction in resume and cover letter preparation, interview strategies, and job search techniques.
Hours: 30 hrs (2.25-0)
Credits: 1.5

ARDE 395 • Applied Art & Design - Work Term I
Prerequisite: (ARDE 394 or ARVC 394) & (ARDE 333 or ARVC 333)
The field study provides the student with an opportunity to apply visual communication concepts and art and design skills within industry. The work term is designed to allow the student to develop proficiency in a work environment.
NOTE: Restricted to students in the Applied Degree program. Tuition for this course is $1,034.18 plus fees.
Hours: 4 mths (0-35P)
Credits: 15

ARDE 396 • Applied Art and Design I
Prerequisite: ARDE 333 and ARDE 327
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.
NOTE: Restricted to students in the Applied Degree program.
Hours: 72 hrs (3-3) 12 wks
Credits: 4

ARDE 408 • Sculpture II
Prerequisites: (ARDE 304 or ARFA 304) or (ARDE 305 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: 72 hrs (3-3) 12 wks
Credits: 4

ARDE 429 • UI/UX
Prerequisites: (ARDE 211 or ARFN 211)
Students will create compelling web-based applications focusing on User Experience (UX) and User Interface (UI). This course equips students with the essential tools to engage with practices of contemporary user experience design.
Hours: 72 hrs (3-3) 12 wks
Credits: 4

ARDE 438 • Motion Design II
Prerequisite: (ARDE 338 or 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: 72 hrs (3-3) 12 wks
Credits: 4

ARDE 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: 72 hrs (3-3) 12 wks
Credits: 4

ARDE 495 • Applied Art and Design - Work Term II
Prerequisites: (ARDE 395 or ARVC 395)
This field study provides the student further opportunity to apply art and design concepts within industry. The work term is designed to allow the student to continue to develop proficiency in a work environment.
NOTE: Restricted to students in the Applied Degree program. Tuition for this course is $1.334.08 plus fees.
Hours: 4 mths (0-35P)
Credits: 15

ARDE 496 • Applied Art and Design II
Prerequisites: (ARDE 396 or ARVC 396)
The course offers the student further studies in the theory and practice of applied art and design.
Hours: 72 hrs (3-3) 12 wks
Credits: 4

ARDE 498 • Special Projects and Exhibition I
Prerequisites: (ARDE 395 or ARVC 395) & (ARDE 396 or ARVC 396)
This course offers an in-depth study of the art and design field culminating in a body of work intended for display in the graduation exhibition. The work made for exhibition is to be accompanied by an essay.
Hours: 72 hrs (3-3) 12 wks
Credits: 4

ARDE 499 • Special Projects and Exhibition II
Prerequisites: (ARDE 395 or ARVC 395) & (ARDE 396 or ARVC 396)
In this course the student will focus on the planning, marketing and curatorial elements of a major exhibition, as well as the preparation of other elements related to the final graduation exhibition, such as the portfolio book and web portfolio.
Hours: 72 hrs (3-3) 12 wks
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

ARHI (ART HISTORY)

ARHI 201 • World Art Before 1300 CE
This course examines art, architecture, and material culture from prehistory to 1300 CE. Students will learn to analyze and understand art from different time periods and cultural traditions by analyzing the visual culture of diverse groups and will consider issues such as the representations of authority and power, cultural identity, and cultural exchange. We will examine art from diverse cultures including the prehistoric world, the Mediterranean, the Islamic world, the Americas, Asia, and Europe.
NOTE: Students cannot receive credit for both ARHI 201 and ARTH 1101.
Hours: 42 hrs (3-0)
Credits: 3

ARHI 203 • World Art Since 1300 CE
This course examines art architecture, and material culture from 1300 CE through to the mid-twentieth century with a focus on the development, diversity, and interaction of art and cultural traditions globally. Taking a comparative approach, this course will explore the relationship of cultural expression to globalization, colonialism, power, and social change. Understanding how audiences engaged with these cultural forms and considering how global political and cultural exchanges shaped visual culture may help develop critical analysis skills that are valuable in today's image saturated world.
NOTE: Students cannot receive credit for both ARHI 203 and ARTH 1103.
Hours: 42 hrs (3-0)
Credits: 3

ARHI 204 • Introduction to Canadian Arts
This course is an introduction to the visual arts in Canada with a focus on modern and contemporary art of the twentieth century, including First Nations, Inuit, and Metis art, cultural policy, collecting, and curatorial practices. Organized thematically and roughly chronologically, we will examine key movements, including impressionism, post-impressionism, abstraction, pop, and conceptual art within the political, social, economic, historical, and colonial contexts.
Hours: 42 hrs (3-0)
Credits: 3

ARHI 300 • Methods in Art History
Prerequisites: ARHI 200 or ARHI 204 or ARHI 201 or ARHI 203
In this course, students will study and discuss the key ideas on critical theory, aesthetics, literary theory, film and media studies, architectural theory, visual studies, and cultural studies within the modern and post-modern eras. We will see how theories can help us devise questions about artistic processes, production, objects, curation, and reception. Different methods entail different types of questions and concerns. Students are encouraged to explore the relevancy and application of the various theoretical frameworks within their own artistic practice and/or study.
Hours: 42 hrs (3-0)
Credits: 3

ARHI 309 • Design History
This course surveys the history of design in Europe and North America from the eighteenth to the twenty-first centuries. During this time, political, economic, and social change contributed to the increasing importance of designed works including art, architecture, industrial, graphic, and interior design. These designed works are discussed as products of the larger cultural, social, economic, and political forces, especially in terms of means of production and consumption.
Hours: 42 hrs (3-0)
Credits: 3

ARHI 317 • Modern Art
Prerequisites : ARHI 200 OR ARHI 204 or ARHI 201 or ARHI 203
This course explores creative breakthroughs from the mid-nineteenth to the mid-twentieth centuries in western art. Through a roughly chronological approach, we explore painting, sculpture, architecture, photography, graphic design, and more, through the lenses of political, social, economic, and historical factors that influence the artist, art making, and reception.
Hours: 42 hrs (3-0)
Credits: 3

ARKY (ARCHAEOLOGY)

ARKY 201 • Introduction to Archaeology
The basic principles of archaeology - how archaeology remains are located, recovered and interpreted.
Hours: 84 hrs (3-3)
Credits: 4

ARKY 205 • World Prehistory and Archaeology
An overview of Old and New World archaeology; the emergence of humans; and the development of humans and culture from hunting/gathering to agricultural and ancient urban societies.
Hours: 42 hrs (3-0)
Credits: 3

ARKY 303 • Archaeology of North America
Prehistoric cultural developments in North America.
Hours: 42 hrs (3-0)
Credits: 3

ARKY 306 • Field Course in Archaeological Techniques
Focus of the course is the practical application of modern field techniques in archaeology, including excavation, recording, and analysis of sites, artifacts and related materials. *Only offered in a Spring or Summer session.
Hours: 98 hrs (0-7)
Credits: 4

ARKY 307 • Field Course in Archaeological Techniques
Prerequisite: ARKY 306
Continuation of ARKY 306. *Only offered in a Spring or Summer session.
Hours: 98 hrs (0-7)
Credits: 4

ARKY 319 • Alberta Archaeology
This course focuses on the archaeology of the Indigenous peoples of Alberta from the first occupation over 12,000 years ago to the mid-1800s.
Hours: 42 hrs (3-0)
Credits: 3

ARKY 377 • Archaeology in Canada
This course focuses on prehistoric cultural developments in all regions of Canada.
Hours: 42 hrs (3-0)
Credits: 3

ARKY 381 • Indigenous of North America
Course features a survey of cultural and linguistic areas of Indigenous North America, including a comparative and historical study of technology, social organization, economic systems, religions, arts and languages.
Hours: 42 hrs (3-0)
Credits: 3

ARKY 419 • Ethnography of the Great Plains
This course is a comparative study of the peoples and cultures of the Great Plains, past and present.
Hours: 42 hrs (3-0)
Credits: 3

ARPH (ART PHOTOGRAPHY)

ARPH 235 • Introduction to Photography
Course focuses on black & white and colour photographic processes with emphasis on the potential for accuracy and realism in the photographic image.
NOTE: This course is for non-Visual Communication students.
Hours: 42 hrs (3-0)
Credits: 3

ARTH (ART HISTORY)

ARTH 1101 • The History of Art: Prehistory to Renaissance
This course provides a critical overview of the visual arts from the Old Stone Age to the Renaissance. Students are offered a systematic study of aesthetics and the development of art styles which will enable them to develop a basic appreciation and understanding of art and its origins. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.*
NOTE: Students cannot receive credit for both ARHI 201 and ARTH 1101.
Hours: 42 hrs (3-0)
Credits: 3

ARTH 1103 • The History of Art: Renaissance to the Present
This course provides a critical overview of the visual arts in Western Europe from the Renaissance to contemporary times. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.*
NOTE: Students cannot receive credit for both ARHI 203 and ARTH 1103.
Hours: 42 hrs (3-0)
Credits: 3

ASTR (ASTRONOMY)

ASTR 201 • The Solar System
This is primarily a descriptive course aimed at non-science students where conceptual understanding will be stressed over strict mathematical derivation. The topics covered in this course include the historical development of the heliocentric model; the exploration of the solar system by spacecraft; the structure, atmosphere, and evolution of the planet Earth, the terrestrial and Jovian planets, and their moons; asteroids and Kuiper belt objects; the structure of the Sun; and the formation of the solar system. Extra solar planets and/or life in the universe may also be discussed.
NOTE: Students cannot receive credit for both ASTR 201 and ASTR 1101.
Hours: 42 hrs (3-0)
Credits: 3

ASTR 1101 • The Solar System
This is primarily a descriptive course aimed at non-science students. Conceptual understanding will be stressed over strict mathematical derivation. The topics covered in this course emphasize astronomy in our own solar neighborhood. Topics include the Sun, the terrestrial and Jovian planets and their moons, comets, asteroids, as well as the formation of the solar system. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.*
NOTE: Students cannot receive credit for both ASTR 201 and ASTR 1101.
Hours: 42 hrs (3-0)
Credits: 3

AUDA (AUDIOLOGY)

AUDA 212 • Introduction to Audiology
Prerequisites: A minimum of a C grade in TAPC 111 & TAPC 112 & TAPC 113
Introduction to the basic knowledge required by Speech-Language Pathologist Assistants and Audiologist Assistants 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 is required.
Hours: 60 hrs (3-1.25)
Credits: 3

BCEM (BIOCHEMISTRY)

BCEM 200 • Introduction to Biochemistry
Prerequisites: CHEM 201 & CHEM 250
A comprehensive introduction to the principles of biomolecules and biopolymers with a focus on integrating their function to the maintenance of the living world. Topics include nucleic acids, protein structure and function, enzymes, biological membranes, and the metabolism of carbohydrates, lipids, and nitrogen. Theory of experimental techniques such as SDS-PAGE, chromatography, NMR, and mass spectrometry will also be covered.
Hours: 42 hrs (3-0)
Credits: 3

BCEM 393 • Introduction to Biochemical Molecules
Prerequisites: BIOL 311 & CHEM 250 or permission of the Dean
The course focuses on the structure and function of the various biomolecules observed in life on Earth; nucleic acids, amino acids, carbohydrates, lipids, proteins and enzymes, with an emphasis on protein structure and enzyme catalysis. Carbohydrate, lipid and nitrogen metabolism are also covered. The laboratory instructs modern biochemical techniques for analysis of biochemical molecules including carbohydrates, amino acids, proteins, and enzymes.
Hours: 70 hrs (3-4/2)
Credits: 4

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.
NOTE: Students cannot receive credit for BIOL 0020 and BIOL 020.
Hours: 120.45 hrs (6.6-2T)
Credits: 4

BIOL 0030 • Biology 30
Recommended Prerequisites: 60% or higher in Biology 20 or 50% or higher in any Grade 11 academic Science or Math course
This course follows the Alberta Education Curriculum for Biology 30. The Alberta diploma exam is not required to receive College upgrading credit for this course. This course is delivered in partnership with Coulee Collegiate and Sunrise Collegiate.
NOTE: 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 Healthcare Professionals
This course offers an introduction to normal structure and function of the human body, using a body systems approach.
Hours: 84 hrs (6-0)
Credits: 4

BIOL 162 • Anatomy and Physiology for Pharmacy Technicians
An introduction to the basics of normal anatomy and physiology of the human body. The structure and function of each body system is discussed and integrated to understand interactions between body systems.
Hours: 42 hrs (3-0)
Credits: 3

BIOL 205 • The Organization and Diversity of Life
Introduction to fundamental concepts that are the basis for life on earth, including biomolecules, the central dogma, metabolism, cellular function, inheritance, and mechanisms of evolution. Species diversity from unicellular organisms to complex mammals is covered in detail. Exploring the interaction of plant and animal species within the biome will illustrate the interdependence of life on Earth.
NOTE: Not open for credit to majors or minors in Biological Sciences. Credit for only one of BIOL 205 and BIOL 231 will be allowed.
Hours: 42 hrs (3-0)
Credits: 3

BIOL 221 • Evolution
Prerequisites: BIOL 231 & BIOL 233
This course discusses the principles underlying evolutionary change and resulting outcomes in biological systems. Topics include population genetics, variation, natural selection, sexual selection, adaptation, speciation, extinction, human evolution and fossil evidence.
Hours: 42 hrs (3-0)
Credits: 3

BIOL 223 • Humans & the Environment
Prerequisite: SUST 291
Intensive exposure to current issues and solutions in contemporary human interactions with the environment. Global in scope but focused on case histories. Emphasis on providing biological and sociological background for a given major environment-human interaction, and state-of-the-art suggested solutions.
Hours: 42 hrs (3-0)
Credits: 3

BIOL 231 • Introduction to Biology I
Prerequisites: BIOL 30 & CHEM 30 or SCIE 30 or permission of the Dean
This course examines the cellular basis of life of eukaryotic and prokaryotic cells, including biomolecules, cell structure and function, cellular energies, cell reproduction, genetics, and related molecular biology.
NOTE: Credit for only one of BIOL 205 or BIOL 231 will be allowed.
Hours: 84 hrs (3-3)
Credits: 4

BIOL 233 • Introduction to Biology II
Prerequisites: BIOL 30 & CHEM 30
This course examines the evolutionary biology, phylogeny, and organismic biology of plants and animals. In the laboratory, various taxa are introduced with a focus on the diversity, form, and function of plants and major animal phyla.
Hours: 84 hrs (3-3)
Credits: 4

BIOL 254 • Plant Taxonomy
Prerequisite: BIOL 233 or BOTA 205
This course examines the major plant divisions with an emphasis on the morphology, taxonomy, ecology and reproductive biology of angiosperms and gymnosperms. Identification keys to flora of Western Canada are used during the course. You are required to submit a plant collection. Labs emphasize morphological and anatomical characteristics of major plant families. A portion of laboratory hours will be assigned to field trips.
Hours: 70 hrs (3-2)
Credits: 4

BIOL 255 • Ecology
This course is a study of the interactions between organisms and their environment at the individual, population, community and ecosystem levels. Labs concentrate on basic ecological principles and the collection and analysis of field data for determining the distribution and abundance of organisms in their environment.
Hours: 84 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 vertebras. 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
BIOL 275 and BIOL 277 are designed to give a thorough basic knowledge of the structure and function of the human body. BIOL 275 begins by examining the levels of organization (atom through organ systems) of the human body, then explores four organ systems in detail. These systems include: the skeletal and muscular systems that support and protect the body, and make movement possible; and the endocrine and nervous systems which integrates and coordinates body function. Some disorders of each systems are explored.
NOTE: Student cannot receive credit for both BIOL 275 & BIOL 305.
Hours: 84 hrs (3-3)
Credits: 4

BIOL 277 • Basic Human Anatomy and Physiology II
Prerequisite: BIOL 275
This course examines the organ systems not studied in BIOL 275, including the special senses, integumentry, digestive, respiratory, circulatory, lymphatic, urinary systems, and the male and female reproductive systems. Some disorders of each system will be explored.
NOTE: Student cannot receive credit for both BIOL 277 & BIOL 305.
Hours: 84 hrs (3-3)
Credits: 4

BIOL 305 • The Human Organism
Prerequisites: BIOL 30 or BIOL 205 or BIOL 231
This course serves as an introduction to the structure and function of the human body for non-majors in biology. It focuses on major organ systems, and their interaction with each other and the external environment. Diet, pathogens, and environmental agents relationships to health and disease is featured. This course will develop an appreciation of humans as biological organisms and our fit within the greater biosphere.
NOTE: Not open for credit to majors and minors of Biological Sciences. Students receiving credit in BIOL 305 cannot receive credit for any of BIOL 275, BIOL 277, KNES 261, PHSY 370 or PHSY 371.
Hours: 42 hrs (3-0)
Credits: 3

BIOL 311 • Principles of Genetics
Prerequisites: BIOL 231 & BIOL 233 or permission of the Dean
Gene function is examined at the molecular level, including the arrangement and function of regulatory and coding sequences. The chromosomal and molecular basis for transmission of traits is studied through inheritance patterns, recombination, linkage, genetic and physical maps. Gene mutation and chromosomal abnormalities will be covered to understand genetic diseases such as cancer. Genome sequencing, genetic engineering, microarray analysis, along with the use of model organisms in laboratory, will illustrate modern experimental techniques.
Hours: 84 hrs (3-3)
Credits: 4

BIOL 313 • Introduction to Ecology and Evolution
Prerequisites: BIOL 231 & BIOL 233 or permission of the Dean
An examination of evolutionary and ecological concepts that explain the interactions of organisms at the individual, population, community and ecosystem levels with their biotic and abiotic environment. Labs explore ecological principles and the collection and interpretation of data.
Hours: 84 hrs (3-3)
Credits: 4

BIOL 321 • Mechanisms of Evolution
Prerequisites: BIOL 231 & BIOL 233
This course discusses the mechanisms underlying micro and 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
Prerequisites: BIOL 311 and CHEM 250 or permission of the Dean
The course addresses the principles of cellular structure and function through various topics including membrane structure and transport, intracellular compartments, the cytoskeleton, cell communication, pattern formation during embryogenesis, the regulation and dysregulation of cell proliferation, stem cells, and tissue renewal. The tutorial will introduce students to modern microscopy techniques including confocal fluorescence and electron microscopy, as well as the process of creating an academic poster.
Hours: 56 hrs (3-1T)
Credits: 3

BOTA (BOTANY)

BOTA 205 • Introduction to Botany
An overview of the structure, function, biology and diversity of organisms included in the plant kingdom including algae, fungi and lichens. Emphasis is on reproduction, development, structural and functional innovations of vascular plants in their environment.
Hours: 84 hrs (3-3)
Credits: 4

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.
NOTE: 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.
NOTE: Students cannot receive credit for CHEM 0030 and CHEM 030.
Hours: 120.45 hrs (6.6-2T)
Credits: 4

CHEM 201 • General Chemistry I
Prerequisites: CHEM 30 & MATH 30-1. MATH 31 is strongly recommended
This course features both lecture and laboratory work for instruction.
Lecture: Basic chemical concepts with an emphasis on stoichiometry; chemical bonding; atomic and molecular structure; the states of matter and phase changes; properties of solutions.
Laboratory: Experiments are designed to illustrate the lecture material and to develop skill in using basic laboratory equipment.
Hours: 98 hrs (4-3)
Credits: 4

CHEM 203 • General Chemistry II
Prerequisite: CHEM 201
This course features both lecture and laboratory work for instruction.
Lecture: An extension of CHEM 201 with an emphasis on: gas phase, acid-base and solubility equilibria; thermodynamics; oxidation-reduction concepts and electrochemistry; chemical kinetics and nuclear chemistry.
Laboratory: Experiments are designed to highlight the lecture material and to develop skill in using the necessary laboratory equipment.
Hours: 98 hrs (4-3)
Credits: 4

CHEM 250 • Organic Chemistry I
Prerequisite: CHEM 201 or the equivalent
This course features both lecture and laboratory work. Lectures: The study of functional groups found in the main classes of organic compounds and their molecular conformation and stereo-chemistry important to biology (e.g., amino acids, proteins, medicinals, pesticides, fats, sugars, carbohydrates, nucleic acids) as well as some molecules found in everyday life (soaps, detergents, fibres, perfumes, polymers, etc.) are discussed. Laboratory: Techniques in organic chemistry, and preparation of some organic compounds.
Hours: 98 hrs (4-3)
Credits: 4

CHEM 251 • Organic Chemistry II
Prerequisite: CHEM 250
Continuation of CHEM 250.
Hours: 98 hrs (4-3)
Credits: 4

CHEM 350 • Organic Chemistry I
Prerequisite: CHEM 203
Both lecture and laboratory work comprise the instruction for this course.
Lecture: A systematic view of organic chemistry from the traditional functional group approach. It provides a comprehensive background in organic chemistry as a basis for the further study of molecular processes and events in biological, environmental and industrial systems. Emphasis is on the relationship between chemical families and their interconversions. Mechanistic concepts such as acidity, basicity, and redox reactions will be used throughout to explain and predict organic and bio-organic reactions. Bio-organic and biologically significant organic chemistry is illustrated throughout.
Laboratory: Techniques in organic chemistry; and the preparation of organic and bio-organic compounds.
NOTE: Students who have obtained credit for CHEM 250 cannot take CHEM 350 for credit.
Hours: 98 hrs (4-3)
Credits: 4

CHEM 351 • Organic Chemistry II
Prerequisite: CHEM 350
This course is a continuation of CHEM 350.
NOTE: Students who have obtained credit for CHEM 251 cannot take CHEM 351 for credit.
Hours: 98 hrs (4-3)
Credits: 4

CJLS (CRIMINAL JUSTICE AND LEGAL STUDIES)

CJLS 100 • Introduction to Criminal Justice
An introduction to the historical and contemporary operational practices of the criminal justice system. The focus of this course is to provide foundational learning as to what society aims to accomplish with a Criminal Justice system, and how to respond to crime in Canada. This process includes familiarizing students with the evolving nature of law enforcement, courts and correctional services. Additionally, students will be informed on various careers as well as the competencies and skills required within the field of Criminal Justice. This course will also mention the importance and practice of personal wellness, resilience, and self-care.
Hours: 42 hrs (3-0)
Credits: 3

CJLS 103 • Theories of Crime
In this course, students critically analyze aberrant behaviours with emphasis on their nature, incidence, correlates, control and prevention. This course focuses on the assessment of both the individual circumstances that may lead people to commit crime as well sociological explanations for criminal behaviour. Students will be able to differentiate aberrant behaviour from normative conduct in both its application and impact on the criminal justice system. By understanding why crimes are committed, methods of crime control and offender rehabilitation may be developed.
Hours: 42 hrs (3-0)
Credits: 3

CJLS 104 • Criminal Law and the Judicial Process
This class instills a working knowledge of important federal, provincial, and municipal laws. Learners will understand the basis of Canadian jurisprudence and the development of law and legal institutions as well as the structure and system of Canadian courts and the exercise of judicial power. This course explores the main sources and types of law in Canada, where they are derived from and the philosophy of the Canadian Justice system. Additionally, students will become familiar with laws and legal rules that pertain to young offenders.
Hours: 42 hrs (3-0)
Credits: 3

CJLS 105 • Policing and Law Enforcement
Prerequisite: CJLS 100
This course examines historical development of law enforcement, as well as the modern operations of police forces in Canada. Students will develop a comprehension of the general structure and organization of police agencies as well as the duties and competencies required of police officers. Focus is placed on the current movement in policing from the traditional, reactive style of law enforcement to the more proactive, community-based model demanded in an evolving Canadian society. Finally, complex topics such as legal authority and use of force will be emphasized.
Hours: 42 hrs (3-0)
Credits: 3

CJLS 106 • Law and the Administration of Justice
This is an introductory course on the fundamental legal precepts and philosophies in the areas of criminal law in Canada. A study relating the civil court structure to criminal law is included, as well as a discussion of Canadian case law.
Hours: 42 hrs (3-0)
Credits: 3

CJLS 107 • Corrections and Offender Rehabilitation
Prerequisite: CJLS 100
With the context of the judicial process in Canada, this course examines methods of correctional supervision prior and subsequent to sentencing. This course examines the history of correctional systems in Canada, as well as the current theory and practices of corrections. Primary topics include sentencing, remanding, incarceration, probation, parole, institutional programs, rehabilitation, and offender case management. Additionally, students will begin to develop interviewing and report writing skills as would be required in corrections careers.
Hours: 42 hrs (3-0)
Credits: 3

CJLS 108 • Young Persons in Conflict with the Law
Prerequisite: CJLS 103, CJLS 104
This course focuses on the nature and extent of youth crime in Canada and its treatment and control. Theoretical and policy issues specifically relevant to young offenders, how those systems developed over time, and the philosophy of the Youth Criminal Justice Act will be thoroughly explored. Finally, factors which contribute to youth deviance and trends of youth crime will be assessed.
Hours: 42 hrs (3-0)
Credits: 3

CJLS 200 • Contemporary Issues in Criminal Justice
Prerequisite: CJLS 100, CJLS 103
This course examines the significant cultural elements which impact and influence the Criminal Justice System. This includes recognition of technological advancement, activist and political pressures, group identity issues, and the evolving nature of crime, criminals and criminal justice professionals. This course further examines historical crime control in comparison to modern responses to aberrant behaviour. Emphasis will also be placed on Indigenous issues in Canada as it relates to Criminal Justice including case law, relevant criminal legislature, and disproportionate representation within the carceral system.
Hours: 42 hrs (3-0)
Credits: 3

CJLS 202 • Criminal Investigations
Prerequisite: CJLS 105
This course expands upon the practice of policing and law enforcement. Emphasis will pertain to applying forensic investigative practices at crime scenes, crime scene and witness management, with attention to evidence identification, categorization, collection and preservation. Additionally, this course will have students learn and apply interview and interrogation techniques as it applies to criminal investigations. Finally, this course will explore the nuance between different types of criminal investigations as it pertains to complexity, sources of evidence, and legal practices.
Hours: 56 hrs (2-2)
Credits: 3

CJLS 203 • Conflict Management and Crisis Intervention
Prerequisite: IDST 100
This course further develops the communicative abilities of students by paying attention to crisis, conflict, de-escalation, recognition of authority, and proper application of assertion and legal authority. This course will also expand upon students' comprehension of use of force and the ethical complexities of those issues. Students will participate in role play and authentic criminal justice scenarios with the purpose of practicing and developing advanced communication skills.
Hours: 56 hrs (2-2)
Credits: 3

CJLS 204 • Professional Ethics in Criminal Justice
Prerequisite: CJLS 200
This course identifies some of the more nuanced ethical challenges faced by professionals in the field of criminal justice and allows students to formulate opinions and critically engage with such ethical dilemmas. This course provides learners an opportunity to apply and demonstrate competencies such as written and verbal communication, problem solving, critical thinking , and ethical decision-making.
Hours: 42 hrs (3-0)
Credits: 3

CJLS 206 • Security
Prerequisite: CJLS 100
This course examines fundamental principles and applications of security. With focus on security of property, inventory and people, learners will navigate complexities of many professions and practices within criminal justice.
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 233 • Legal Evidence and Trial Presentation
Prerequisite: CJLS 104
This course expands on previous concepts involving trial evidence and judicial process by applying legal rules and emphasizing criminal trial procedure. Furthermore, this course explores distinct categories of evidence in addition to nuanced aspects of court procedure and evidence presentation.
Hours: 42 hrs (3-0)
Credits: 3

CJLS 240 • Personal and Professional Development
Prerequisite: CJLS 100
This course examines traits and characteristics relevant to entry and success within the field of criminal justice. Qualities such as mental resilience, physical fitness, professional presentation and professional communication are well established necessities within criminal justice positions, this course requires learners to learn and apply such qualities.
Hours: 42 (3-0)
Credits: 3

CJLS 250 • Criminal Justice Practicum
Prerequisites; CJLS 100, CJLS 103, CJLS 104, CJLS 200 and any 100-level or higher English Course
Practicum work involves supervised study and job shadowing of criminal justice professionals. Students will spend 5 hours a week on site at a criminal justice organization for a period of 12 weeks. After an orientation period, students will assume responsibility for assigned agency duties to enhance their knowledge, skills, and professional capacity within the field of criminal justice. Practicum work and agency expectations will vary depending on placement, and progress will be monitored primarily by the external agency preceptor. Bi-weekly seminars will focus on identifying the relevance and cross-over of program content and skills with practicum experiences. Direct Field hours = 60 hrs, Seminar hours = 18
Hours: 78 (1.5-5) 12 wks
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

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.
Hours: 42 hrs (3-0)
Credits: 3

CMMB 343 • Introduction to Microbiology
Prerequisites: BIOL 231 & CHEM 250
Introductory study of the systematics, ecology, physiology, molecular biology, and role in pathogeneses of the major groups of prokaryotes.
Hours: 84 hrs (3-3)
Credits: 4

CNST (CANINE STUDIES)

CNST 110 • Canine Physiology & Care
This course provides an overview of basic canine physiology and care. Topics include basic physiology, veterinary care, canine first aid, and grooming. This course highlights important considerations including anatomical soundness in working dogs, minimizing husbandry stress, and ethical treatment of canines.
Hours: 42 hrs (3-0)
Credits: 3

CNST 111 • Puppy Development, Early Foundations & Training
Corequisite/Prerequisite: COMM 140 or permission from the Program Coordinator
This course focuses on puppy development and early training with young canines. You will learn positive reinforcement training methods and work with a service dog in training applying basic pup care, socialization, and foundational obedience training. Students in this course will be required to work in groups, each responsible for housing, training, and caring for a services dog in training throughout their time in the program. Students will learn and apply training for life skills and house manners at various developmental stages as well as how to work to meet species specific needs through enrichment. All skills will be practiced in lab work in group settings. Skills practiced in lab settings will also include marker timing, grooming, vet handling and general care of the service dogs in training in the program.
Hours: 56 hrs (2-2)
Credits: 3

CNST 112 • Introduction to Canine Learning Theory and the Human/Dog Connection
This course introduces students to canine learning theory, concepts of training philosophies, and canine cognition. Students will develop knowledge and skills needed to implement positive reinforcement training and an understanding of the modern training and teaching practice. Students will learn about applied animal behaviour including the importance of understanding and reading canine body language, identifying appetitive versus aversive training from the dog's perspective, and focusing on the ethical and humane treatment of dogs. This course will also explore the human/dog connection and common myths and misconceptions of canine behavior.
Hours: 42 hrs (3-0)
Credits: 3

CNST 113 • Kennel Technologies
This course examines the safe containment of animals in kennel environments such as animal shelters, breeding kennels and other similar environments. Topics include containment, sanitation, animal health, safety concerns and providing an enriching environment.
Hours: 42 hrs (3-0)
Credits: 3

CNST 114 • Obedience Training for Public Access
Prerequisite: CNST 111
Corequisite/Prerequisite: COMM 252 or permission of the Program Coordinator
In this course students will continue to learn and advance basic obedience training using positive reinforcement methods with service dogs in training in the program. Students will learn about specific training goals and techniques for dogs with a future of service work, focusing on leash skills, public access, and marker timing. Students will have the opportunity to develop lesson plans and coach their peers while developing critical thinking skills and examining biases that can affect their coaching of clients. Skills will be practiced in lab classes in group settings including public access outings, grooming, vet handling and general care of the service dogs in training, with students generalizing their skills in multiple environments through field trips and hands-on learning experiences in the community.
Hours: 56 hrs (2-2)
Credits: 3

CNST 120 • Introduction to Dog Selection, Assessment & Breeding
Prerequisite: CNST 110
This course explores the selection of dogs for various roles based on skills, biddability, health, breed characteristics, and genetics. Students will learn about the importance of health and temperament testing prior to breeding dogs. Additionally, students will learn how to assess puppies and adult dogs from a variety of backgrounds for service dog work. The course also introduces students to the dog breeding & whelping processes and early neurological stimulation and puppy socialization. Students will have the opportunity to visit dog breeders and observe puppy assessments as part of this class.
Hours: 42 hrs (3-0)
Credits: 3

CNST 121 • Introduction to Assistance Dog Laws
This course investigates assistance dog-related laws provincially, nationally, and internationally. Human rights acts as well as guide dog and services dogs acts and regulations will be discussed. Topics include the completeness, efficacy, enforceability, consequences and problematic factors of current acts and regulations. Students will also explore animal assisted intervention and the emerging roles of facility dogs in schools, counseling offices, courthouses, and other settings.
Hours: 42 hrs (3-0)
Credits: 3

CNST 215 • Introduction to Canine Career Pathways
This course investigates various canine career opportunities within the service dog industry including service dog trainers, instructors, kennel attendants, puppy program staff, and client services. Students will also learn about the various training certifications and governing bodies within the canine industry. Students will also explore canine career opportunities outside of the service dog industry including vet clinic staff, dog day care attendant, and behaviour consultant.
Hours: 42 hrs (3-0)
Credits: 3

CNST 216 • Service Dog Roles & Task Training
Prerequisite: CNST 114
Corequisite/Prerequisite: MGMT 263 or permission from the Program Coordinator
Service dogs are utilized to perform specific tasks to mitigate symptoms of a disability or disabilities for their clients. They are not a pet but viewed as a medical aid. This course will explore the roles a service dog can play in mitigating symptoms of various disabilities. Students will apply their knowledge of various training concepts to train various service dog tasks with reward-based methods. Students will continue training the service dogs in training in home manners, leash skills and public access as part of their lab classes and homework, while also participating in community-based field trips to generalize their skills across multiple real-world environments. Students will also learn about the goals of public access training and perform assessments to track dogs' progress in training and readiness for placement.
Hours: 56 hrs (2-2)
Credits: 3

CNST 217 • Client Processing & Dog Matching
Prerequisite: CNST 112
Corequisite: CNST 218
This course focuses on screening and assessing interested individuals and their compatibility with a service dog as well as the role of the client of a service dog organization providing a variety of service dog specialties. Topics include client application, interviews, confirmation of eligibility, placement, and follow-up as they apply to an organization. Specifics of the temperament of the dog, and matching a compatible client, based on needs and lifestyle are explored via cumulative case study.
Hours: 42 hrs (3-0)
Credits: 3

CNST 218 • Introduction to Disability for Service Dog Providers
Corequisite: CNST 217
In this course students will gain the knowledge required to work as a service dog provider within the disability community. Topics explored include ableism, disability culture, various health conditions and their spectrums, focusing on disabilities for which service dogs are most commonly trained to assist. The course will discuss common diagnoses, clinical signs, progressive stages, and various areas that can be affected by disability including speech, language, physical, motor, cognitive, sensory, and social. Having a clear understanding of the clients' needs at the time of application, during the training process, and throughout the career of the dog is pivotal to team success.
Hours: 42 hrs (3-0)
Credits: 3

CNST 219 • Common Behaviour Problems, Creating Training Plans & Peer Training
Prerequisite: CNST 216
Students will explore common struggles of canine adolescence and learn how to develop training plans to effectively change behaviour through positive reinforcement. Students will learn signs to recognize and manage behaviours that are incompatible with service dog success, and factors at play when releasing a dog in training from service work. Students will develop skills to work with the human end of the leash, both in individual and group settings. This course will be used to assess students' skills and techniques in instructing private and group training sessions and mentoring 1st year students. Students will also gain experience in evaluating a dog's progress and suitability for service dog work. Throughout the course, students will have opportunities to generalize their skills in various community settings through field trips and hands-on learning experiences, ensuring they can apply their knowledge in diverse real-world situations.
Hours: 56 hrs (2-2)
Credits: 3

CNST 222 • Canine Studies & Service Dog Management - Work Term
Prerequisites: CNST 219, COMM 252 & MGMT 263
This experiential learning term provides students an opportunity to apply knowledge and skills into practice. During the work term students will also be able to work alongside a mentor in hands-on experiences with client application, processing, assessment, placement, training, and follow-up. Students will have the opportunity to observe and work with a variety of different dogs and training goals during this work experience. Students may be required to obtain a Vulnerable Sector Check, at their expense, prior to placement with some work term employers. Students may be required to travel for work term opportunities. Graded on a CR (pass)/NC (fail) basis.
Hours: 240 hrs (0-30) 8 wks
Credits: 6

COMM (COMMUNICATIONS)

COMM 140 • Communication in the Workplace
This introductory communications course provides a general foundation for quality communication in the workplace through written, oral, and visual representation. Its emphases are reviewing basic grammar, developing a personal style, attending to audience and purpose, and enhancing research skills. You will work individually and collaboratively on various written assignments, including a documented research report, as well as give oral/visual presentations.
Hours: 56 hrs (4-0)
Credits: 3

COMM 250 • Oral Communications
This course helps you develop the necessary confidence and skill to present your ideas clearly and effectively to both large and small audiences. The course is designed to provide a number of different speaking and listening opportunities so that you can practice the techniques necessary to become competent oral communicators in a wide variety of social and business settings.
NOTE: Students cannot receive credit for both COMM 250 and SPCH 2001.
Hours: 42 hrs (3-0)
Credits: 3

COMM 252 • Advanced Business Communications
Prerequisite: COMM 140
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
This interpersonal relations course focuses on specific skills, behaviours, and attitudes needed to work and positively influence change management. By encouraging self-awareness, along with an understanding of communication dynamics, this course can help you develop the "people skills" to support positive organizational culture in today's ever-changing organization.
Hours: 42 hrs (3-0)
Credits: 3

COMP (COMPUTER TECHNOLOGY)

COMP 0010 • Computers 10
This course follows the Alberta Education Curriculum for Computers 10. This course is delivered in partnership with Coulee Collegiate and Sunrise Collegiate.
NOTE: Students cannot receive credit for COMP 0010 and COMP 010.
Hours: 120.45 hrs (6.6-2T)
Credits: 4

COMP 191 • Digital Foundations & Software Applications
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.
NOTE: Students cannot receive credit for both COMP 191 and COMP 1103.
Hours: 42 hrs (3-0)
Credits: 3

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 COMP 191 and COMP 1103.
Hours: 42 hrs (3-0)
Credits: 3

CPSC (COMPUTER SCIENCE)

CPSC 151 • Data Modelling & Systems Dynamics
Explore the conceptual, logical, and physical phases of data modeling, facilitating an understanding of their application in the system development process and the interrelationships of data elements. Dynamic system modelling, emphasizing stocks, flows, and converters, is an integral part of this course, enabling students to construct and manipulate models representing real-world challenges.
Hours: 42 hrs (3-0)
Credits: 3

CPSC 203 • Introduction to Computers
An overview of computers and technology designed to examine in some detail the ever changing world of Information Technology, embedded computer technology and the impact of these technologies upon society. You learn what you will need to know about Information Technology to prosper in an increasingly technical world. You work with personal computers to gain advanced proficiency with word processing, spreadsheets, presentation software and Internet access software applications for increased productivity and security.
NOTE: CPSC 203 is not available for credit for Engineering majors.
Hours: 84 hrs (3-3)
Credits: 4

CPSC 231 • Introduction to Computer Science I
Introduction to problem solving, the analysis and design of small-scale computational systems, and implementation using a procedural programming language.
NOTE: This course does not assume prior programming background but does assume a mathematical/scientific inclination.
Hours: 84 hrs (3-1T-2)
Credits: 4

CPSC 233 • Introduction to Computer Science II
Prerequisite: CPSC 231 or permission of the Dean
Emphasis is on object-oriented analysis and design of small-scale computational systems and implementation using an object oriented language. Issues of design, modularization, and programming style will be emphasized.
Hours: 84 hrs (3-1T-2)
Credits: 4

CYCC (CHILD AND YOUTH CARE COUNSELLOR)

CYCC 111 • The Profession of Child and Youth Care
Introduction to foundational principles of Child & Youth Care practice. Focus is on identifying and exploring values, beliefs, and ethics within a professional context. The scope of CYCC practice, including the essential characteristics of an effective Child & Youth Care Counsellor, will be addressed. Therapeutic relationships, professional conduct, effective communication, and self-awareness will be topics of discussion.
NOTE: CYCC 111 is a prerequisite for all subsequent CYCC courses. This course has an off-site retreat component and the fee will be noted in the course outline.
Hours: 56 hrs (3-1)
Credits: 3

CYCC 120 • Practicum I
Prerequisites: A minimum of a C grade in CYCC 111 & IDST 100
Corequisite: CYCC 125
Student placement with community partners in conjunction with a weekly seminar is designed to facilitate individual self-awareness and the impact on one's professional Child & Youth Care practice. Focus is on professional practice, therapeutic communication, reflective practice and relationship development. Topics of discussion include the development of objective observation and recording skills as well as the development of the interpersonal skills necessary for an effective Child & Youth Care Counsellor.
Hours: 112 hrs (2-6P)
Credits: 4.5

CYCC 122 • Working with Vulnerable Children, Youth and Families
Prerequisite: A minimum of a C grade in CYCC 111
Introduction to effective trauma informed interventions with children, youth and families who have experienced trauma, abuse and neglect. Detailed indicators of child abuse are presented and intervention approaches are explored through a lens of inter generational trauma, child, youth and family advocacy, and strategies that enhance Child & Youth Care Counsellor professional relationships with vulnerable children, youth and families.
Hours: 42 hrs (3-0)
Credits: 3

CYCC 125 • Fundamental Skills in Counselling
Prerequisites: A minimum of a C grade in CYCC 111 & IDST 100
Introduction to individual counselling with an emphasis on the acquisition and practical application of therapeutic communication. Characteristics and strategies of person-centered and strength based approaches are explored in assisting clients within a professional helping relationship. Experiential learning opportunities are provided, as counselling theory is integrated into practice. Reflection on the impact of ones' values, beliefs, and ethical standards will also be explored.
Hours: 56 hrs (1-3)
Credits: 3

CYCC 230 • Practicum II
Prerequisite: A minimum of a C grade in CYCC 120
Student placement with community partners, in conjunction with a weekly seminar, is designed to facilitate the integration and application of theory within the context of a Child & Youth Care Counselling practice setting. Professional practice, communication, self, theoretical knowledge, and assessment and intervention will be examined. Additional Requirement: Prior to starting practicum students must receive certification in Applied Suicide Intervention Skills Training (ASIST). This course has an off-site retreat and the fee will be noted in the course outline.
Hours: 238 hrs (2-15P)
Credits: 6

CYCC 232 • Mental Health and Substance Abuse Issues
Prerequisite: A minimum of a C grade in CYCC 111
Introduction to a variety of childhood and adolescent mental health topics that contextualize social, emotional and behavioral disorders in relation to the context or culture in which they are observed. Focus on the role of trauma, attachment, and resilience as a means for understanding behavior will be examined. Various drugs and substances seen in youth culture, alongside the comorbid existence of mental health disorders and drug abuse will be examined. Child & Youth Care Counsellor interventions that consider the transtheoretical model of change, harm reduction approaches, and looking beyond the symptoms to the strengths of the child, will also be explored.
Hours: 42 hrs (3-0)
Credits: 3

CYCC 233 • Legal and Cultural Issues Regarding Children and Youth
Prerequisite: A minimum of a C grade in CYCC 111
Various laws that affect children, youth and families in Alberta and Canada will be examined. These include the Youth Criminal Justice Act, The Child, Youth & Family Enhancement Act, Alberta School Act and Family Law Act. The context of these laws as they apply to the legal accountability and liabilities of the Child and Youth Care Counsellor in the human service field will be explored. Issues of socialization, conflict with the law, and advocacy for vulnerable children, youth and families are addressed within the various legal documents. Historical, ecological and environmental factors are also considered.
Hours: 42 hrs (3-0)
Credits: 3

CYCC 235 • Group Facilitation
Prerequisite: A minimum of a C grade in CYCC 125.
Planned interventions involving activity programing 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 respectively with a diverse population, will be developed.
Hours: 42 hrs (3-0)
Credits: 3

DBSS (DEAF AND BLIND SUPPORT SERVICES)

DBSS 161 • American Sign Language I
Prerequisite: SLPA 160
This course builds on SLPA 160, by developing broader vocabulary and conversational skills. You continue with ASL sentence types, time, numbers, pronominalization, classifiers, pluralization, and temporal aspects. Even if you are outside the program, you are invited to take the course, subject to approval by the instructor.
Hours: 90 hrs (0-9) 10 wks
Credits: 4

DBSS 260 • American Sign Language II
Prerequisite: DBSS 161
A continuation of the DBSS 161 ASL course and builds upon previously learned ASL grammar and sentence structure, vocabulary, and Deaf culture. Even if you are outside the program, you are invited to take the course, subject to approval by the instructor.
Hours: 110 hrs (0-7.8)
Credits: 4

DCED (DANCE EDUCATION)

DCED 243 • Introduction to Dance in Culture and Education
An overview of the nature and role of dance and dance forms in culture and education is the focus of this course.
Hours: 56 hrs (2-2)
Credits: 3

DRAM (DRAMA)

DRAM 200 • Introduction to Acting I
You gain practical experience in acting through introductory work from texts, developing skills and personal acting creativity through improvisation and performance.
Hours: 70 hrs (3-2)
Credits: 4

DRAM 201 • Introduction to Acting II
Prerequisite: DRAM 200 or permission of the Dean
Continued study of acting techniques which promote freedom of emotional expression, relaxation on stage, giving and accepting constructive criticism, increasing trust between performers, controlling energy, and refining your acting process. Performance in a departmental production may be required.
Hours: 70 hrs (3-2)
Credits: 4

DRAM 222 • Fundamentals of Stage Production I
This course offers technical and organizational aspects of stage production; creative approaches to design for the theatre leading to and including projects in design and construction; practical production assignments coordinated with community and college theatre productions, as applicable, are all part of what this course has to offer.
Hours: 56 hrs (2-2)
Credits: 3

DRAM 223 • Fundamentals of Stage Production II
Prerequisite: DRAM 222 or permission of the Dean
You increase the scope of study to include technical areas of theatre production and apply the principles learned in DRAM 222 toward practical assignments connected to the department's productions.
Hours: 56 hrs (2-2)
Credits: 3

DRAM 240 • Introduction to Drama I
Course in the interpretation and study of dramatic genres; and an introduction to play analysis.
Hours: 56 hrs (3-1)
Credits: 3

DRAM 241 • Introduction to Drama II
Prerequisite: DRAM 240 or ENGL 237 or permission of the Dean
Continued work in the interpretation and study of dramatic genres and play analysis.
Hours: 56 hrs (3-1)
Credits: 3

DRAM 300 • Advanced Acting I
Prerequisite: DRAM 201 or permission of the Dean
Continued examination and further refining of the actor's emotional process. If this course is not offered in classroom format, it may be available as a directed study.
Hours: 70 hrs (3-2)
Credits: 4

DRAM 301 • Advanced Acting II
Prerequisite: DRAM 300 or permission of the Dean
Advanced work in text preparation, vocal and physical performance skills. Participation in the department's season of plays may be required.
Hours: 70 hrs (3-2)
Credits: 4

DRAM 321 • Stage Management
Prerequisite: DRAM 223
You learn the principles of stage management, as well as the roles and duties of a stage manager in all levels of production from amateur to professional. Projects are related to a production of the department. If this course is not offered in classroom format, it may be available as a directed study.
Hours: 56 hrs (2-2)
Credits: 3

DRAM 323 • Introduction to Stage Design
Prerequisite: DRAM 223 or permission of the Dean
An extension of the principles learned in DRAM 223, this course focuses on practical approaches to translating ideas to the stage. Mediums of communication between the designer and director are explored. You assist a faculty director in projects related to a college production. If this course is not offered in classroom format, it may be available as a directed study.
Hours: 56 hrs (2-2)
Credits: 3

DRAM 339 • Seminar in Drama I
Prerequisite: DRAM 241
This course is a critical examination of plays, including at least one staged by The University of Calgary Drama Department, centered upon their genres and historical settings. Other works by the same authors and their contemporaries may also be studied. This course also focuses on staging requirements for contemporary productions.
Hours: 56 hrs (4-0)
Credits: 3

DRAM 340 • Seminar in Drama II
Prerequisite: DRAM 339 or permission of the Dean
Continuation of DRAM 339.
Hours: 56 hrs (4-0)
Credits: 3

DRAM 360 • Developmental Drama I
An exploration in personal creativity; the study of the principles, theories, and application of developmental drama; as well as practical experience in creating drama. Registration priority is given to Education students.
Hours: 56 hrs (2-2)
Credits: 3

DRAM 361 • Developmental Drama II
Focus of this course is on studying and applying the collective creation technique to embrace drama as a means of inter- disciplinary discourse. Registration priority is given to Education students.
Hours: 56 hrs (2-2)
Credits: 3

DRAM 390 • Performance Practicum I
Prerequisite: DRAM 201 & DRAM 223 or permission of the Dean
You gain practical knowledge of performance through preparation of a role for production. Open to students wishing to further experience in either performance or technical areas. If this course is not offered in classroom format, it may be available as a directed study.
Hours: 84 hrs (0-6P)
Credits: 3

DRAM 391 • Performance Practicum II
Prerequisite: DRAM 390 or permission of the Dean
Development, refining, and performance of a role in either the acting or technical areas of production under the supervision of a faculty member. If this course is not offered in classroom format, it may be available as a directed study.
Hours: 84 hrs (0-6P)
Credits: 3

DRAM 409 • Fundamentals of Directing I
Prerequisite: DRAM 201 & DRAM 223 or permission of the Dean
You learn the theories and practical techniques of directing plays in consultation with a faculty member. You may be required to observe or assist faculty directors. Studies will be coordinated with productions of the department. If this course is not offered in classroom format, it may be available as a directed study.
Hours: 56 hrs (2-2)
Credits: 3

DRAM 410 • Fundamentals of Directing II
Prerequisite: DRAM 409 or permission of the Dean
Coursework focuses on the application of directing technique to rehearsal with actors. If this course is not offered in classroom format, it may be available as a directed study.
Hours: 56 hrs (2-2)
Credits: 3

EBRT (ENVIRONMENTAL BIOLOGY AND RECLAMATION TECHNOLOGY)

EBRT 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

EBRT 120 • Energy Fundamentals
A general overview of the petroleum industry operations in Alberta and Canada, and an introduction to various alternative energy sources. The course describes the origin of oil and gas, prospecting for petroleum, drilling and completion, production, and abandonment. Environmental and safety issues in the petroleum industry are discussed Emerging alternative energy sources are introduced and how these options impact our environment and society is explored.
Hours: 56 hrs (4-0)
Credits: 3

EBRT 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

EBRT 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

EBRT 210 • Agrology and Agro-Ecology for Environmental Technologists
Prerequisite: (EBRT 100 or EREC 100) and EVSC 238
Introduces the agriculture industry and practices in Alberta. 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. Presented in both a classroom and field lab/workshop environment.
Hours: 70 hrs (3-2)
Credits: 4

EBRT 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

EBRT 240 • Environmental Assessment
This course provides an introduction to the Canadian Environmental Assessment Act (2012) and a comparison to the previous Canadian Environmental Assessment Act as well as their corresponding process of Environmental Impact Assessments (EIA). Students will learn the basic process of planning, organizing and collecting information for EIAs at both the federal and provincial level. This course will also introduce the process of developing and implementing Phase I and II Environmental Site Assessments (ESAs) in Alberta, as well as pre-disturbance site assessments. Various provincial and federal assessment guidelines will be studied. This course has both field, and tutorial components, including group projects.
Hours: 70 hrs (3-2)
Credits: 4

EBRT 250 • Applied Vertebrate Zoology
This course provides a comparative survey of the animal kingdom, with a focus on the classification, adaptation, morphology, and physiology of vertebrates. Through laboratory studies, students will explore the structural and functional adaptations of vertebrates and learn to recognize and identify vertebrate taxa. The course will also delve into the orders and major families of local wildlife species, emphasizing biology, ecology and identification.
Hours: 70 hrs (3-2)
Credits: 4

EBRT 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

EBRT 263 • Land Reclamation Legislation
Provincial, federal and municipal governments require land reclamation to be carried out following environmentally related legislation, policy, directives, standards, guidelines and criteria. Familiarity with land reclamation legislation is an important aspect of being able to develop approved and successful reclamation plans and ensure compliance leading to certification. This course covers the legislation and details the legal requirements required for reclamation certification.
Hours: 56 hrs (4-0)
Credits: 3

EBRT 285 • Capstone Project
Prerequisites: EBRT 210 or EREC 210
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

ECED (EARLY CHILDHOOD EDUCATION)

ECED 101 • Essentials in Early Childhood Education
Students will develop an understanding of the roles and responsibilities of the early childhood educator. This includes acting as a professional alongside children in learning and play, following licensing regulations, obtaining certification, enacting children's rights, and offering culturally responsive education and care. Approaches and types of early learning settings are also explored.
Hours: 30 hrs (3-0) 10 wks
Credits: 1.5

ECED 102 • Learning through Play I
In this course the importance of learning through play in the lives of young children will be considered. We will examine our image of the child and how that influences our practice as early childhood educators, as well as explore ideas around child-centered practice. Hands-on learning experiences in both indoor and outdoor spaces will help students learn to prepare and provide meaningful play experiences for children.
Hours: 40 hrs (4-0) 10 wks
Credits: 3

ECED 105 • Practicum I
Prerequisites:(ECED 102 or ELCC 102), (ECED 120 or ELCC 120), (ECED 122 or ELCC 122), (ECED 123 or ELCC 123) & ENGL 123 or ENGL 125
This course provides students with an opportunity to apply their skills and knowledge of the role of educator in appropriate childcare settings under the supervision of the practicum supervisor and a designated educator. In addition to engaging with children, students are expected to, alongside their site mentor, take on responsibilities in the playroom room for five days a week. These responsibilities include managing transitions, offering invitations to play, participating in outdoor play, and other day to day routines and tasks that need to be completed in the center. Additionally, learners adhere to ethical and regulatory guidelines and demonstrate compliance in their practice. In the documentation portion, students will complete assignments as outlined by their practicum supervisor.
Hours: 175 hrs (0-35P) 5 wks
Credits: 4

ECED 112 • Learning through Play II
Prerequisite: (ECED 102 or ELCC 102)
This course is an extension of ECED 102. Students will have the opportunity to further their understanding of children's play, increase sensitivity to the learning that occurs through this medium, and increase skills as a provider of play experiences and as a participant with children in their play. This course also incorporates how to create a responsive environment in early learning settings
Hours: 40 hrs (4-0) 10 wks
Credits: 3

ECED 115 • Practicum II
Prerequisites: (ECED 101 or ELCC 101), (ECED 112 or ELCC 112), (ECED 121 or ELCC 121), (ECED 124 or ELCC 124) & (ECED 125 or ELCC 125)
This course is a continuation from the first practicum. Students will be given an opportunity to apply their theoretical knowledge and experiences and implement this in their early learning settings. In addition to the responsibilities from the first practicum, Practicum II provides increased opportunities to learn and implement positive behaviour guidance strategies. Additionally, learners must continue to adhere to ethical and regulatory guidelines and demonstrate compliance in their practice. In the documentation portion, students will complete assignments as outlined by their practicum supervisor.
Hours: 175 hrs (0-35P) 5 wks
Credits: 4

ECED 120 • Child Development I
This course is an introduction to the principles, theories, and research on child development from birth to early adolescence. Using a holistic perspective and children's dispositions to learn as a foundation, students will examine cognitive, physical, social, and emotional areas of development and developmental milestones.
Hours: 40 hrs (4-0) 10 wks
Credits: 3

ECED 121 • Child Development II
Prerequisite: (ECED 120 or ELCC 120)
An introduction to inclusive strategies and effective educational practices for supporting the development of young children with disabilities and support needs. This course reviews domains of development with an emphasis on developmentally appropriate practice for diverse and inclusive early learning environments. Students will come to understand that all children are mighty learners, and that the educator has an important role to play in creating inclusive and responsive environments.
Hours: 40 hrs (4-0) 10 wks
Credits: 3

ECED 122 • Interpersonal Relations
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

ECED 123 • Children's Well-Being
Students will begin to understand practices that emphasize mental health, basic hygiene, illness prevention, and physical health while nurturing children's dispositions to learn. They will also learn to identify and mitigate hazards in a child's environment, be prepared for emergencies, and foster a safe and responsive learning environment. This course also encourages educators to engage as co-learners and co-researchers, reflecting on their practices and making intentional decisions that foster children's positive well-being.
Hours: 30 hrs (3-0) 10 wks
Credits: 1.5

ECED 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

ECED 125 • Child Guidance
Prerequisites: Minimum C in (ECED 105 or ELCC 105)
This course focuses on nurturing and responsive child guidance. Students will learn about the importance of building relationships and establishing trust prior to guiding behavior. The focus will also be on understanding that children's behaviour is a form of communication. Positive, universal guidance techniques will be introduced and practiced. Students will also reflect on these techniques to improve their practice as an early childhood educator.
Hours: 40 hrs (4-0) 10 wks
Credits: 3

ECED 201 • Fine Arts
Prerequisites: Minimum of C in the following (ECED 105 or ELCC 105) & (ECED 115 or 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

ECED 202 • STEM with Young Children
Prerequisites: Minimum of C in the following (ECED 105 or ELCC 105) & (ECED 115 or ELCC 115)
Experiences in STEM occur naturally for young children. This course explores the integration of Science, Technology, Engineering, and Mathematics (STEM) in early learning and child care settings, guided by the principles of FLIGHT: Alberta's Early Learning and Care Framework. It aims to equip educators with the knowledge and skills to foster young children's curiosity, creativity, and critical thinking through hands-on STEM activities.
Hours: 40 hrs (4-0) 10 wks
Credits: 3

ECED 204 • Ecology of the Family
Prerequisites: Minimum of C in the following (ECED 105 or ELCC 105) & (ECED 115 or ELCC 115)
This course is centered on the role of early childhood educator in the lives of 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 explores family diversity relating to culture, economic circumstances, gender, and more. Students will work to develop a strengths-based, inclusive approach to working with all families who they encounter in early learning settings.
Hours: 40 hrs (4-0) 10 wks
Credits: 3

ECED 205 • Practicum III
Prerequisites: (ECED 201 or ELCC 201) , (ECED 204 or ELCC 204), (ECED 206 or ELCC 206) & (ECED 207 or ELCC 207)
The focus of this practicum is to build on the skills and knowledge students gained in their first two work-integrated learning experiences. Students will be placed in an early learning setting where the importance of emergent curriculum development will be explored in detail through use of the cycle of co-inquiry. Students will build skills in observing, interpretation and planning of children's play and learning. Students will also use pedagogical documentation as a reflective planning tool.
Hours: 175 hrs (0-35P) 5 wks
Credits: 4

ECED 206 • Outdoor Pedagogy in Early Learning
Prerequisites: Minimum of C in the following (ECED 105 or ELCC 105) & (ECED 115 or ELCC 115)
An exploration of outdoor and nature play in the early years is the focus of this course. This is a hands-on course with experiences beyond the classroom boundaries allowing students to increase their awareness of how to learn in and with nature. The relationship of outdoor play to children's holistic development, learning, and thinking are included. This course takes a land-based, all weather and four-season approach to teaching and learning.
Hours: 40 hrs (4-0) 10 wks
Credits: 3

ECED 207 • Music and Movement
Prerequisites: Minimum of C in the following (ECED 105 or ELCC 105) & (ECED 115 or ELCC 115)
This course introduces the importance of music and movement for young children. It includes learning fingerplays, songs, and rhymes, musical movement opportunities, practicing storytelling, and planning musical invitations. Students also learn more about building physical literacy and reducing sedentary behaviour in young children.
Hours: 40 hrs (4-0) 10 wks
Credits: 3

ECED 211 • Infant and Toddler Care
Prerequisites: Minimum of C in the following (ECED 105 or ELCC 105) & (ECED 115 or 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

ECED 212 • Professional Practice
Prerequisites: Minimum of C in the following (ECED 105 or ELCC 105) & (ECED 115 or ELCC 115)
A study in the historical, philosophical, social and political context of child care in Canada today. Professional responsibilities such as providing high quality child care, following licensing requirements, ongoing professional learning, upholding children's rights, ethical decision making, and reflective practice are also examined.
Hours: 40 hrs (4-0) 10 wks
Credits: 3

ECED 213 • Inclusive Care and Education
Prerequisites: Minimum of C in the following (ECED 105 or ELCC 105) & (ECED 115 or 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. Students will explore various approaches to inclusive planning, and will examine attitudes and beliefs in these areas.
Hours: 40 hrs (4-0) 10 wks
Credits: 3

ECED 215 • Practicum IV
Prerequisites: (ECED 202 or ELCC 202), (ECED 211 or ELCC 211), (ECED 212 or ELCC 212), & (ECED 213 or ELCC 213)
Students will be placed in an early learning setting where they will apply the knowledge gained in the classroom to real world experiences with children and families. Students continue to build skills in emergent planning through the creation and sharing of pedagogical documentation.
Hours: 175 hrs (0-35P) 5 wks
Credits: 4

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 systems, and elementary fiscal and monetary policies. Contemporary problems of unemployment, inflation, economic growth, business cycles and the international economy are examined.
Hours: 56 hrs (4-0)
Credits: 3

EDAT (ENGINEERING DESIGN AND ARCHITECHTURAL TECHNOLOGY)

EDAT 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®, 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. 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

EDAT 102 • Drafting II
Prerequisite: CADD 101 or EDAT 101
Building on the foundational skills developed in CADD 101, using Autodesk AutoCAD® and manual techniques, 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, and document sharing – both hard copy and electronic.
Hours: 70 hrs (2-3)
Credits: 4

EDAT 121 • CADD Applications I
Corequisite: CADD 101 or EDAT 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, dimensional constraints, and 3D printing 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 mechanical engineering drafting and design.
Hours: 70 hrs (2-3)
Credits: 4

EDAT 122 • CADD Applications II
Corequisite: CADD 101 or EDAT 101
Students will learn to operate Autodesk Revit for 3D parametric modeling, drafting, design and technical illustration for architectural design technology at an intermediate level. Topics including user interface, tools, file management, modeling, assemblies, geometric and dimensional constraints will be covered. Basic architectural technology terminology, theory, building construction, and drawings will also be covered. Students will create architectural working drawings and presentation drawings using Autodesk Revit, and manual sketching techniques.
Hours: 70 hrs (2-3)
Credits: 4

EDAT 132 • Mechanical Design I - Applied Physics
Prerequisite: CADD 101 or EDAT 101
This course will examine fundamental applied physics, statics, and strength of materials for mechanical design with an emphasis on hands-on learning. Autodesk Inventor will be used as a tool to explore and visualize problems and solutions. Topics will include force systems, free-body diagrams, stress and strain, and basic structural analysis. Advanced 3D modeling and simulation tools such as Finite Elements Analysis (FEA) will be covered. Practical topics include bracket design, frames, and truss analysis.
Hours: 70 hrs (2-3)
Credits: 4

EDAT 151 • Technical Communication
This course prepares students to communicate using the language, structure, style, content, and graphic presentation common in the engineering and architectural technology disciplines. Topics include communication for engineering changes such as Requests for Information (RFIs) and Change Orders (COs); instructions and procedures; meeting agendas, and summaries; process flow charts; and employment search communications including resume, cover letter , job interview, and strategies to identify and interpret technical literature appropriate to the discipline. Students will learn and apply Microsoft Office applications, and other applications to communicate clearly and effectively.
Hours: 56 hrs (2-2)
Credits: 3

EDAT 161 • Civil Design I - Civil Design Fundamentals
Prerequisite: CADD 101 or EDAT 101
This course introduces students to fundamental theories of civil design technology for creating a variety of maps and drawings using AutoCAD MAP. Vertical and horizontal measurement of distances and angles; open and closed traverse layouts, levelling circuits, profiles, cross sections and horizontal curves are covered. Topics include the land survey system of western Canada, topographical nomenclature, contour maps, interpretation of survey data, aerial photo interpretation, map references, mapping coordinates, and interpretation of topographical features.
Hours: 70 hrs (2-3)
Credits: 4

EDAT 176 • Fundamentals of Professional Practice
This course introduces students to the professional practices, responsibilities, and expectations of engineering and architectural technicians in the workplace. Topics include fundamental business principles, project management processes, contracts, and codes/standards across disciplines. Students are introduced to the practical application of health and safety legislation in office and field environments, ethical responsibilities under the ASET Code of Ethics, and principles of sustainability. Emphasis is placed on teamwork, professional conduct, communication, and the development of skills for ongoing professional growth.
Hours: 70 hrs (2-3)
Credits: 4

EDAT 177 • Applied Engineering Mathematics
This course introduces students to applied mathematics for engineering and architectural technicians. Students will employ topics including trigonometric functions, vectors, linear functions, graphing of functions, systems of linear equations, conversion of units of measurements, statistical methods, and introductory calculus. Emphasis is placed on the practical application of concepts, skills, and knowledge for applied technical problems rather than pure mathematics.
Hours: 70 hrs (5-0)
Credits: 4

EDAT 182 • Building Design I - Building Systems
Prerequisite: CADD 101 or EDAT 101
This course will introduce students to structural, building envelope, HVAC, plumbing, and electrical systems for residential and/or light commercial buildings. Autodesk Revit and/or Autodesk AutoCAD, and manual techniques are used to create technical drawings and illustrations. Topics will include an introduction to Land Use Bylaws and the Alberta Building Code.
Hours: 70 hrs (2-3)
Credits: 4

EDAT 201 • Digital Design & Presentation
Prerequisite: CADD 122 or EDAT 122
This course builds technician competencies in digital communication and technical project workflows. Topics include field data/measurement collection, contract administration, health & safety practices, translation of field data into projects, animation, rending of 3D models, and design presentation to enhance visual communication. Applications such as Photoshop, Autodesk Revit, and Realtime Rendering, are used to produce presentation graphics to support schematic design, conceptual models, and as-built records. Emphasis is placed on problem-solving, communication of technical information, and integration of building and civil project workflow principles.
Hours: 70 hrs (2-3)
Credits: 4

EDAT 231 • Mechanical Design II
Prerequisites: (CADD 102 or EDAT 102) & (CADD 121 or EDAT 121) & (CADD 132 or EDAT 132)
This course will examine the design of mechanical systems and analysis of components for power transmission and prepare drawings and 3D models in accordance with industry standards. Topics include modeling and analysis of shafts, gears, bearings, and mechanisms using Autodesk Inventor and FEA tools to complete a functional gearbox design, working drawings, and introductory VBA for AutoCAD automation. Students will use 3D printing to explore fundamental manufacturing concepts.
Hours: 84 hrs (2-4)
Credits: 4

EDAT 232 • Mechanical Design III
Prerequisite: Min. C in BEET 231 or EDAT 231
This advanced mechanical engineering technology course integrates mechanical design, manufacturing processes, and automation. Autodesk Inventor will be used for generating models, simulations, and technical drawings. Topics include design and selection of machine components and drive systems such as shafts, keys, gears, bearings, fasteners, and connections, including component sizing and selection. Students will apply geometric dimensioning & tolerancing (GD&T), 3D printing, laser cutting, computer numeric control (CNC) machining simulation, and an introduction to microcontroller (such as Arduino) coding. The course culminates in the design, fabrication, assembly, and programming of a functional prototype such as a robot, supported by technical drawings and specifications.
Hours: 70 hrs (2-3)
Credits: 4

EDAT 242 • Piping and Control Systems
Prerequisite: CADD 102 or EDAT 102
This course examines process plant design and drafting practices relating to piping materials, valves, equipment, vessels, and their locations according to governing regulations and specifications. Topics will include fluid mechanics, hydraulic, and pneumatic power systems principles. Using industry standard applications such as Autodesk Plant3D and Navisworks. Students will create Piping and Instrumentation Diagram (P&ID) drawings, flow diagrams, isometric & orthographic drawings and 3D models.
Hours: 70 hrs (2-3)
Credits: 4

EDAT 261 • Civil Design II
Prerequisite: CADD 161 or EDAT 161
Students will be introduced to the principles, applications, and components of Geographic Information Systems (GIS) for municipal infrastructure and land development. Topics include database design, data collection, manipulation, storage, and retrieval. Effective display of information for presentation of mapping data is covered. Students will apply different analysis techniques such as buffering and network analysis for road or pipe networks. Civil engineering topics in urban planning and subdivision layout will be introduced. Students will use AutoCAD MAP 3D and/or QGIS to create a variety of technical documents.
Hours: 70 hrs (2-3)
Credits: 4

EDAT 262 • Civil Design III
Prerequisite: Min. C in BEET 261 or EDAT 261
This is an advanced course covering the theories and practices common in municipal engineering applications. Topics include topographical surface design, subdivision/parcel layout, surface drainage, storm sewer, sanitary sewer, basic roadway design/layout, and civil construction projects. Legislation, standards, and planning documents including the Alberta Municipal Government Act, Area Structure Plans (ASPs), Municipal Servicing Standards Manual (MSSM), and Construction Standard are covered. Students will use Autodesk CIVIL 3D to produce industry standard construction drawings for municipal infrastructure and land development projects.
Hours: 70 hrs (2-3)
Credits: 4

EDAT 271 • Design Strategies
Prerequisite: 2nd Year Standing, or permission of the Coordinator
This course introduces multidisciplinary strategies in the design and development process. Through case studies students gain insight into effective approaches to project design development. A variety of CAD and 3D modeling tools are applied to explore, evaluate, and prototype while balancing requirements and stakeholder constraints. Projects are completed both independently and in teams, emphasizing collaboration, project management, and professional communication. Instruction reinforces applied problem-solving and stakeholder engagement, preparing students to deliver technically accurate and accountable design outcomes.
Hours: 70 hrs (2-3)
Credits: 4

EDAT 272 • Capstone
Prerequisite: Min. C in BEET 271 or EDAT 271
Corequisite: 2 of (BEET 232 or EDAT 232), (BEET 242 or EDAT 242), (BEET 262 or EDAT 262) or (BEET 282 or EDAT 282)
This culminating course engages students in a solutions-based research project with a community/industry partner that integrates knowledge and skills from across their studies. These may include research projects, consulting projects, or design projects related to one of the program disciplines: architectural technology, mechanical engineering technology, or civil engineering technology. Each student solicits industry partners in their chosen discipline to guide their project toward professional standards and real-world relevance. Students will apply engineering and architectural theory and technologies to create, present, and defend their completed research/project and associated project deliverables.
Hours: 84 hrs (2-4)
Credits: 4

EDAT 281 • Building Design II
Prerequisites: (CADD 102 or EDAT 102) & (CADD 122 or EDAT 122) & (CADD 182 or BEET 182)
This is an intermediate course, covering the technology, terminology, building practices and drafting standards for residential building design and construction. Topics include Part 9 of the Alberta Building Code, Municipal Land Use Bylaw, and wood-frame building construction. Students will use Autodesk Revit 3D modeling software to create industry standard drawings for single detached residential permit applications and building construction.
Hours: 70hrs (2-3)
Credits: 4

EDAT 282 • Building Design III
Prerequisite: Min. C in BEET 281 or EDAT 281
This is an advanced course, covering the technology, terminology, building practices and drafting standards for commercial building design and construction. Topics include Part 3 of the Alberta Building Code, Barrier-Free design, occupant safety, Municipal Land Use Bylaw, elevators, steel construction, and concrete masonry building construction. Students will use Autodesk Revit 3D modeling software to create industry standard drawings for commercial permit applications and building construction.
Hours: 70 hrs (2-3)
Credits: 4

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. Also, please be advised that other post-secondary institutions may require a minimum grade for transfer. Students are responsible for checking their degree-granting institution's website for the most up-to-date information.
Hours: 42 hrs (3-0)
Credits: 3

EDTS 325 • Tools for Teaching and Learning in the Digital Classroom
Prerequisites: EDTS 232 & EDTS 234
This course provides an overview of technological influences in education. It is designed to assist prospective teachers in critically examining current and evolving applications of technology relevant to the teaching and learning process.
NOTE: Please be advised that other post-secondary institutions may require a minimum grade for transfer. Students are responsible for checking their degree-granting institution's website for the most up-to-date information.
Hours: 70 hrs (2-3)
Credits: 4

EDTS 341 • Interpersonal Communication in the School
Prerequisites: EDTS 232 & EDTS 234
This course is designed to develop effective interpersonal communication skills that will assist pre-service teachers as they interact with students in classroom settings and with colleagues in professional environments. The topics, readings, assignments and field experience have been constructed to develop the skills of self analysis, introduce techniques to improve communication with children, and explore ways in which adults can work more effectively in collaborative environments with colleagues and parents. This course includes weekly lectures and tutorials as well as an eighteen (18) hour field experience in a local elementary school classroom. In order to ensure the safety of children in classrooms, local school jurisdictions may require that student teachers submit a current Police Information Check with Vulnerable Sector Search and an Alberta Children's Services Intervention Record Check.
Hours: 46 hrs (1-1T-1.3P)
Credits: 3

EDTS 371 • Language Development and Literacy in Schools
Prerequisites: EDTS 232 & EDTS 234
This course focuses on the development of language and the importance of literacy for individuals as well as within the classroom setting. Specific topics for discussion include culture and language, the relationship of language to thought, memory, learning, teaching methods, and intervention strategies designed to assist children. Students will also examine learning principles in order to gain a better understanding of how language development occurs as well as to determine best practice in teaching language and literacy in elementary school classrooms. This course requires all students to participate in 20 hours of relevant field experiences within a school setting. In order to ensure the safety of children in classrooms, local school jurisdictions require that student teachers submit a current Police Information Check with Vulnerable Sector Search and an Alberta Children's Services Intervention Record Check.
NOTE: Please be advised that other post-secondary institutions may require a minimum grade for transfer. Students are responsible for checking their degree-granting institution's website for the most up-to-date information.
Hours: 62 hrs (3-1.4P)
Credits: 4

EDUC (EDUCATION)

EDUC 2200 • Special Topics in Education
Prerequisites: EDUC 3010
Corequisites: EDUC 2375, EDUC 3105
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: EDUC 3010
Corequisites: EDUC 2200, EDUC 3105
This course is designed to assist students in developing an understanding of concepts and issues related to the differentiated assessment of learning. Participants will be required to develop competence in the construction of various instruments and processes used to measure and evaluate individual learner performance. This course also includes an 18-hour field experience that requires teaching and assessing learning experiences. *Third and Fourth years of the B.Ed. Program are Mt. Royal University courses. The numbering system is based upon their guidelines. Students register through Medicine Hat College, following cohort sequencing.*
Hours: 42 hrs (3-0)
Credits: 3

EDUC 3010 • Practicum I
Prerequisites: EDUC 3103, EDUC 3104, EDUC 3106 and EDUC 3108
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
Corequisites: EDUC 3104, EDUC 3106, and EDUC 3108
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
Corequisites: EDUC 3103, EDUC 3106, and EDUC 3108
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: EDUC 3010
Corequisites: EDUC 2200, EDUC 2375
This course examines the fundamental knowledge, under-standing, 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
Corequisites: EDUC 3103, EDUC 3104, and EDUC 3108
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
Corequisites: EDUC 3103, EDUC 3104, and EDUC 3106
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 4107, EDUC 4325, and EDUC 4351
Corequisites: EDUC 4201 and 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
Corequisites: EDUC 4325, EDUC 4351
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: EDUC 4107, EDUC 4325, and EDUC 4351
Corequisites: EDUC 4030 and EDUC 4361
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
Corequisites: EDUC 4107, EDUC 4351
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
Corequisites: EDUC 4107, EDUC 4325
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: EDUC 4107, EDUC 4325, and EDUC 4351
Corequisites: EDUC 4030, EDUC 4201
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

ENGL (ENGLISH)

ENGL 110 • Technical Communications
This course focuses on the development of effective oral and written communication skills for preparing scientific, and technical reports. Basic writing skills, oral communication skills, and visual communication skills using graphics are addressed. This course also introduces methods of finding, evaluating, and citing scientific sources as a foundation for building strong arguments. Students will write a scientific report and build a resume.
Hours: 70 hrs (3-2)
Credits: 4

ENGL 125 • Introductory Report Writing and Speech
This course focuses on the development of effective academic and workplace writing and communication skills. Students will learn and practice language fundamentals, such as grammar and punctuation, as well as sentence and paragraph construction. This course teaches students to develop evidence-based arguments by finding, evaluating, integrating, and citing academic references to effectively write and present for both academic and professional audiences.
Hours: 42 hrs (3-0)
Credits: 3

ENGL 202 • The Art of Story: An Introduction to Literature
This course explores the narrative structures of poetry, drama, and prose literary works, with an emphasis on developing skills in close reading and critical writing. Students will examine a range of eras and cultures, covering at least one significant text by an Indigenous author.
NOTE: Students cannot receive credit for both ENGL 202 and ENGL 1151.
Hours: 42 hrs (3-0)
Credits: 3

ENGL – ENGL

ENGL 203 • Identity and Invention: An Introduction to Literature
This course explores questions of individual, social, and cultural identity in poetry, drama, and prose literary works, with an emphasis on developing skills in close reading and critical writing. Students will examine a range of eras and cultures, covering at least one significant text by an Indigenous author.
NOTE: Students cannot receive credit for both ENGL 203 and ENGL 1152.
Hours: 42 hrs (3-0)
Credits: 3

ENGL 231 • The Novel and the Short Story
This course provides an introduction to fiction in both the short story and novel forms. Instruction in critical writing is part of this course.
Hours: 42 hrs (3-0)
Credits: 3

ENGL 235 • Introduction to Poetry
This course studies selected poetry written in English. Instruction in critical writing is part of this course.
Hours: 42 hrs (3-0)
Credits: 3

ENGL 237 • Introduction to Dramatic Literature
This course examines the development of Western drama from various periods. Instruction in critical writing is part of this course.
Hours: 42 hrs (3-0)
Credits: 3

ENGL 252 • Introductory Composition
This course develops students' skills in the types of writing, reading, and thinking required in university today. Students will review basics, analyze contemporary examples, develop research and referencing skills, and design their writing for specific audiences. Introductory Composition provides an opportunity to develop new talents and gain confidence in expressing ideas.
NOTE: Students cannot receive credit for both GNED 1401 and ENGL 252.
Hours: 42 hrs (3-0)
Credits: 3

ENGL 300 • Survey of English Literature I
Prerequisite: Any 2 200-level English courses, 202 or 203 is highly recommended
This course examines English literature from the Middle Ages, the sixteenth century, the early seventeenth century, the Restoration and the eighteenth century. The development and continuity of English literature in relation to historical and social contexts are also studied.
NOTE: You cannot receive credit for both ENGL 200 and ENGL 300. Students cannot receive credit for both ENGL 300 and ENGL 2210.
Hours: 42 hrs (3-0)
Credits: 3

ENGL 301 • Survey of English Literature II
Prerequisite: Any 2 200-level English courses, 202 or 203 is highly recommended
This course examines English literature from the Romantic and Victorian periods, as well as from the twentieth century to the present. The development and continuity of English literature in relation to historical and social contexts are also studied.
NOTE: You cannot receive credit for both ENGL 201 and ENGL 301. Students cannot receive credit for both ENGL 301 and ENGL 2211.
Hours: 42 hrs (3-0)
Credits: 3

ENGL 308 • The Novel from 1900 to Now
Prerequisite: Any 2 200-level English courses, 202 or 203 is highly recommended
While we read works of literature as fiction, we also see it as mediating and reflecting certain truths about our lived experience. This course explores, through the lens of 20th century literary criticism and theory, the relationship between the novel and its borders, or texts and their contexts. Each novel will be considered in light of its mediation of socio-political and cultural concerns; this includes themes such as literature and philosophy, literature and science, and literature and identity.
NOTE: Students cannot receive credit for both ENGL 308 and ENGL 3308.
Hours: 42 hrs (3-0)
Credits: 3

ENGL 309 • Theatre & Performance from 1900 to Now
Prerequisite: Any 2 200-level English courses, 202 or 203 is highly recommended
This course examines the extent to which "all the world's a stage." Theatre and performance texts and theories will be used to illuminate key issues and ideas in contemporary culture, such as ritual, realism, the absurd, the society of spectacle, subjectivity, and identity.
NOTE: Students cannot receive credit for both ENGL 309 and ENGL 3309.
Hours: 42 hrs (3-0)
Credits: 3

ENGL 311 • Modern & Postmodern Poetry and Poetics
Prerequisite: Any 2 200-level English courses, ENGL 202 or ENGL 203 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.
Hours: 42 hrs (3-0)
Credits: 3

ENGL 312 • Shakespeare: The Earlier Plays
Prerequisite: Any 2 200-level English courses, 202 or 203 is highly recommended
This course examines a selection of Shakespeare's works from the early years of his career, or the Elizabethan era. It surveys his comedies, tragedies, and histories. Topics covered may include performance, adaptation, source material, publication, editing, cultural studies, and/or politics.
NOTE: Students cannot receive credit for both ENGL 312 and ENGL 3312.
Hours: 42 hrs (3-0)
Credits: 3

ENGL 313 • Shakespeare: The Later Plays
Prerequisite: Any 2 200-level English courses, 202 or 203 is highly recommended
This course examines a selection of Shakespeare's works from the final years of Elizabeth's reign as well as from the Jacobean era. It surveys his tragedies, romances, and problem plays. Topics covered may include performance, adaptation, source material, publication, editing, cultural studies, and/or politics.
NOTE: Students cannot receive credit for both ENGL 313 and ENGL 3313.
Hours: 42 hrs (3-0)
Credits: 3

ENGL 317 • Women's Literary Tradition
Prerequisite: Any 2 200-level English courses, 202 or 203 is highly recommended
This course surveys the tradition of women's writing from its beginnings to the present. Relations between gender and genre and between sexuality and textuality, as well as configurations of race, form the core themes of the course.
Hours: 42 hrs (3-0)
Credits: 3

ENGL 320 • The History of English
Prerequisite: Any 2 200-level English courses, 202 or 203 is highly recommended
This course offers an introduction to important changes and states in the history of English.
Hours: 42 hrs (3-0)
Credits: 3

ENGL 340 • Romantic Literature I
Prerequisite: Any 2 200-level English courses, 202 or 203 is highly recommended
This course introduces the literature of the Romantic period through studying select works by major authors from the early Romantic period.
Hours: 42 hrs (3-0)
Credits: 3

ENGL 341 • Romantic Literature II
Prerequisite: Any 2 200-level English courses, 202 or 203 is highly recommended
This course explores the literature of the Romantic period through studying select works by major authors from the late Romantic period.
Hours: 42 hrs (3-0)
Credits: 3

ENGL 342 • Elizabethan and Jacobean Literature
Prerequisite: Any 2 200-level English courses, 202 or 203 is highly recommended
This course studies literature in the historical and social contexts of the late Elizabethan and early Stuart periods. Readings may include texts by Dekker, Donne, Herbert, Jonson, Lanyer, Middleton, Wroth, and Herrick. Students will explore the literary history of the seventeenth century from a variety of social and political perspectives—including but not limited to race, gender, sexuality, and class—in overlapping and intersectional ways.
NOTE: Students cannot receive credit for both ENGL 342 and ENGL 3342.
Hours: 42 hrs (3-0)
Credits: 3

ENGL 343 • Seventeenth-Century Literature
Prerequisite: Any 2 200-level English courses, 202 or 203 is highly recommended
This course studies literature in the historical and social contexts of the Stuart period until the Restoration. Readings may include texts by Vaughan, Crashaw, Bradstreet, Philips, Marvell, and Milton. Students will explore the literary history of the seventeenth century from a variety of social and political perspectives—including but not limited to race, gender, sexuality, and class—in overlapping and intersectional ways.
NOTE: Students cannot receive credit for both ENGL 343 and ENGL 3343.
Hours: 42 hrs (3-0)
Credits: 3

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. ENGL 202 or ENGL 203 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 390 • Topics in English Literature
Prerequisites: Any 200-level or 1000-level English
This course is a detailed examination of a topic, period, genre, or tradition in English literature. 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

ENGL 394 • The Graphic Novel
Prerequisites: Any 2 200-level English courses, 202 or 203 is highly recommended
The graphic novel has recently emerged as a unique storytelling medium. This course focuses on both the theoretical bases of sequential art and the graphic novel's literary and aesthetic properties. Students will draw on a variety of modern and post-modern theories of texts to analyze specific graphic novels.
NOTE: Students cannot receive credit for both ENGL 394 and ENGL 3394.
Hours: 42 hrs (3-0)
Credits: 3

ENGL 397 • Children's Literature I
Prerequisites: Any 2 200-level English courses, 202 or 203 is highly recommended
This course investigates the history and development of children's fantasy from its origins in the oral tradition to its current achievements. Situating such work within its literary and cultural context, this course explores changing attitudes toward childhood and adolescence while also examining the debt that contemporary juvenile fantasy owes to classic folklore and fairy tales. The course will cover, in whole or in part, children's literature written by Indigenous authors.
NOTE: Students cannot receive credit for both ENGL 397 and ENGL 2298.
Hours: 42 hrs (3-0)
Credits: 3

ENGL 398 • Children's Literature II
Prerequisites: Any 2 200-level English courses, 202 or 203 is highly recommended
This course examines the relationship between the real and the imagined in works for children and adolescents. Focusing on classic and contemporary material that asks readers to think about who they are and what kind of world they inhabit, this course explores the literary, social, and educational values that inform the construction of juvenile realities. The course will cover, in whole or in part, children's literature written by Indigenous authors.
NOTE: Students cannot receive credit for both ENGL 398 and ENGL 2299.
Hours: 42 hrs (3-0)
Credits: 3

ENGL 399 • Topics in English Literature
Prerequisites: Any two 200-level courses. ENGL 202 or ENGL 203 recommended.
This course studies the evolution of British, American and Canadian detective fiction. Theoretical approaches to understanding this genre of literature within the framework of popular culture are also included.
Hours: 42 hrs (3-0)
Credits: 3

ENGL 1151 • The Art of Story: An Introduction to Literature
This course introduces the principles and practices of literary analysis by examining the narrative features of selected works of prose, poetry, or drama. Students will apply close reading techniques to a range of narratives in order to develop foundational skills in writing and thinking about literature critically. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.*
NOTE: Students cannot receive credit for both ENGL 1151 and ENGL 202.
Hours: 42 hrs (3-0)
Credits: 3

ENGL 1152 • Identity and Invention: An Introduction to Literature
This course introduces the principles and practices of literary analysis by examining features of self-invention and first-person identity in selected works of prose, poetry, and drama. Students will apply close reading techniques to the imaginatively-constructed "I" in order to develop foundational skills in writing and thinking about literature critically. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.*
NOTE: Students cannot receive credit for both ENGL 1152 and ENGL 203.
Hours: 42 hrs (3-0)
Credits: 3

ENGL 2210 • English Literature to the Restoration
Prerequisites: (ENGL 252 and ENGL 202 or ENGL 203) or (GNED 1401 and ENGL 1151 or ENGL 1152)
This course surveys English literature from is earliest beginnings to the Restoration (1660), with an emphasis on major authors. Students will read a variety of genres closely and critically, and will examine how these texts relate to their socio-political, religious and cultural environments. Students will be introduced to literary research. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.*
NOTE: Students cannot receive credit for both ENGL 2210 and ENGL 300.
Hours: 42 hrs (3-0)
Credits: 3

ENGL 2211 • English Literature from the Restoration to the Present
Prerequisites: (ENGL 252 and ENGL 202 or ENGL 203) or (GNED 1401 and ENGL 1151 or ENGL 1152)
This course surveys English literature from the Restoration (1660) to the present. Students will read a variety of texts closely and critically within various cultural contexts. Students will be introduced to literary research. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.*
NOTE: Students cannot receive credit for both ENGL 2211 and ENGL 301.
Hours: 42 hrs (3-0)
Credits: 3

ENGL 2298 • Children's Literature to 1900
Prerequisites: (ENGL 252 and ENGL 202 or ENGL 203) or (GNED 1401 and ENGL 1151 or ENGL 1152)
This course investigates the history and development of children's fantasy from its origins in the oral tradition to is current achievements. Situating such work within its literary and cultural context, this course explores changing attitudes toward childhood and adolescence while also examining the debt that contemporary juvenile fantasy owes to classic folklore and fairy tales. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.*
NOTE: Students cannot receive credit for both ENGL 2298 and ENGL 397.
Hours: 42 hrs (3-0)
Credits: 3

ENGL 2299 • Children's Literature: Imagining the Real
Prerequisites: (ENGL 252 and ENGL 202 or ENGL 203) or (GNED 1401 and ENGL 1151 or ENGL 1152)
This course examines the relationship between the real and the imagined in works for children and adolescents. Focusing on classic and contemporary material that asks readers to think about who they are and what kind of world they inhabit, this course explores the literary, social, and educational values that inform the construction of juvenile realities. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.*
NOTE: Students cannot receive credit for both ENGL 2299 and ENGL 398.
Hours: 42 hrs (3-0)
Credits: 3

ENGL 3308 • The Novel from 1900 to Now
Prerequisites: (ENGL 252 and ENGL 202 or ENGL 203) or (GNED 1401 and ENGL 1151 or ENGL 1152)
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
Prerequisites: (ENGL 252 and ENGL 202 or ENGL 203) or (GNED 1401 and ENGL 1151 or ENGL 1152)
This course examines the extent to which "all the world's a stage." Theatre and performance texts and theories will be used to illuminate key issues and ideas in contemporary culture such as ritual, realism, the absurd, the society of spectacle, subjectivity, and identity. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.*
NOTE: Students cannot receive credit for both ENGL 3309 and ENGL 309.
Hours: 42 hrs (3-0)
Credits: 3

ENGL 3312 • Shakespeare: The Earlier Plays
Prerequisites: (ENGL 252 and ENGL 202 or ENGL 203) or (GNED 1401 and ENGL 1151 or ENGL 1152)
This course examines a selection of Shakespeare's works from the early years of his career, or the Elizabethan era. It surveys his comedies, tragedies, and histories. Topics covered may include performance, adaptation, source material, publication, editing, cultural studies, and/or politics. This course is a Mt. Royal University course for students in their Third and Fourth year The numbering system is based upon their guidelines. Students register through Medicine Hat College.
NOTE: Students cannot receive credit for both ENGL 3312 and ENGL 312.
Hours: 42 hrs (3-0)
Credits: 3

ENGL 3313 • Shakespeare: The Later Plays
Prerequisites: (ENGL 252 and ENGL 202 or ENGL 203) or (GNED 1401 and ENGL 1151 or ENGL 1152)
This course examines a selection of Shakespeare's works from the final years of Elizabeth's reign as well as from the Jacobean era. It surveys his tragedies, romances, and problem plays. Topics covered may include performance, adaptation, source material, publication, editing, cultural studies, and/or politics. This course is a Mt. Royal University course for students in their Third and Fourth year The numbering system is based upon their guidelines. Students register through Medicine Hat College.
NOTE: Students cannot receive credit for both ENGL 3313 and ENGL 313.
Hours: 42 hrs (3-0)
Credits: 3

ENGL 3342 • Early Seventeenth-Century Literature
Prerequisites:(ENGL 252 and ENGL 202 or ENGL 203) or (GNED 1401 and ENGL 1151 or ENGL 1152)
This course studies literature in the historical and social contexts of the late Elizabethan and early Stuart periods. Readings may include texts by Donne, Herbert, Jonson, Lanyer, Wroth, and Herrick. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.*
NOTE: Students cannot receive credit for both ENGL 3342 and ENGL 342.
Hours: 42 (3-0)
Credits: 3

ENGL 3343 • Later Seventeenth-Century Literature
Prerequisites: (ENGL 252 and ENGL 202 or ENGL 203) or (GNED 1401 and ENGL 1151 or ENGL 1152)
This course studies literature in the historical and social contexts of the Stuart period until the Restoration. Readings may include texts by Vaughan, Crashaw, Bradstreet, Philips, Marvell, and Milton. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.*
NOTE: Students cannot receive credit for both ENGL 3343 and ENGL 343.
Hours: 42 (3-0)
Credits: 3

ENGL 3353 • North American Indigenous Literature
Prerequisites: (ENGL 252 and ENGL 202 or ENGL 203) or (GNED 1401 and ENGL 1151 or ENGL 1152)
This course will critically engage the literary works of Indigenous peoples through various genres and will be framed by cultural, historical, social, theoretical, and political contexts. The focus will vary and may include: Indigenous knowledge, Nation/Identity formation, the numbered Treaties, the role of women, humour, orality and language, stereotyping and racism. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.*
NOTE: Students cannot receive credit for both ENGL 3353 and ENGL 353.
Hours: 42 (3-0)
Credits: 3

ENGL 3382 • Textualities/Sexualities
Prerequisites: (ENGL 252 and ENGL 202 or ENGL 203) or (GNED 1401 and ENGL 1151 or ENGL 1152)
This course examines both the body of the text and the text of the body. While reading the body as it is represented in writing, we will investigate such concepts as representation (including what has been erased or silenced), the gendered text, the imaginary and the limits of textualized sexualities. Students will be introduced to literary research. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.*
NOTE: Students cannot receive credit for both ENGL 3382 and ENGL 382.
Hours: 42 hrs (3-0)
Credits: 3

ENGL 3394 • The Graphic Novel
Prerequisites: (ENGL 252 and ENGL 202 or ENGL 203) or (GNED 1401 and ENGL 1151 or ENGL 1152)
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 post-modern 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 0008 • English Language Arts 8
This course follows the Alberta Education Curriculum for English Language Arts 8. This course is delivered in partnership with Coulee Collegiate and Sunrise Collegiate.
NOTE: Students cannot receive credit for ENLA 0008 and ENGL 008.
Hours: 120.45 hrs (6.6-2T)
Credits: 4

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.
NOTE: Students cannot receive credit for ENLA 0009 and ENGL 009.
Hours: 120.45 hrs (6.6-2T)
Credits: 4

ENLA 0010-1 • English Language Arts 10-1
This course follows the Alberta Education Curriculum for English Language Arts 10-1. This course is delivered in partnership with Coulee Collegiate and Sunrise Collegiate.
NOTE: 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.
NOTE: 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.
NOTE: 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.
NOTE: 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.
NOTE: 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.
NOTE: Students cannot receive credit for ENLA 0030-2 and ENGL 033.
Hours: 120.45 hrs (6.6-2T)
Credits: 4

ENTR (ENTREPRENEURSHIP)

ENTR 200 • Foundations of Entrepreneurship
Develop the essential skills needed to successfully start and manage a small business or non-profit organization. This course introduces key topics such as business plan creation, insurance, basic bookkeeping and accounting, marketing and social media strategies, fundraising, grant writing, and tax considerations for selling products or services. Emphasis is placed on practical applications, decision-making, and integrating entrepreneurial principles with effective business practices.
Hours: 42 hrs (3-0)
Credits: 3

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

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: Variable hours/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: Variable hours/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 applied to landscape ecology and agriculture. Major course topics include electromagnetic radiation, spectral and spatial properties, sensor characteristics, accuracy assessment, image processing, and spatial analysis methods.
Hours: 84 hrs (3-3)
Credits: 4

FILM (FILM)

FILM 201 • An Introduction to the Study of Film
This course surveys the history of narrative film from its beginnings to the present. Students will view and discuss a variety of films, historically and aesthetically, paying particular attention to film vocabulary and language, the influence of technology, and film theories and criticism. This course will also introduce students to critical methodologies for close analysis of film texts.
NOTE: Students cannot receive credit for both FILM 201 and FILM 1143.
Hours: 42 hrs (3-0)
Credits: 3

FILM 1143 • An Introduction to the Study of Film
This course surveys the history of narrative film from its beginnings to the present. Students will view and discuss a variety of films, historically and aesthetically, paying particular attention to film vocabulary and language, the influence of technology, and film theories and criticism. This course will also introduce students to critical methodologies for close analysis of film texts. *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 FILM 201 and FILM 1143.
Hours: 42 hrs (3-0)
Credits: 3

FINA (FINANCE)

FINA 161 • Principles of Finance
Explains the principles of finance and how it can be used as a tool to steer the sustainability transition. Students will learn about banking and asset management, about effective engagement, scenario analysis, and value creation.
Hours: 42 hrs (3-0)
Credits: 3

FINA 255 • Finance
Prerequisite: ACCT 113 or ACCT 321
An introductory course in financial management. All managers need to understand the basic concepts and techniques of financial analysis. Quality decisions require an understanding of the analytical techniques of finance including interpretation of financial position, profit analysis, planning and budgeting, cash flow analysis, working capital management, capital budgeting and investment, cost of capital, and risk. Sources of funding will also be discussed.
Hours: 56 hrs (4-0)
Credits: 3

FNSV (FINANCIAL SERVICES)

FNSV 200 • Canadian Investment Funds
This course teaches the content of the Canadian Investment Funds (CIFC) course from Moody's Analytics Global Education Canada. Specific topics include assessing client needs, types of mutual funds, investing and financial instruments, taxation, and pensions and retirement. The tuition fee includes all course materials, access to on-line resources, and the registration fee for Moody's. Students are required to register with Moody's on their first day of class and are then eligible to write the mutual funds exam, which, if passed, gives a license to sell mutual funds when employed at a Canadian financial institution. Non-Business students are also welcome to take the course for reasons of personal interest or professional development.
NOTE: Required Industry Fee of $376+GST (costs may vary from time of publication) has been added onto the MHC Tuition. If students want a hard covered textbook this is an additional fee.
Hours: 42 hrs (3-0)
Credits: 3

FNSV 210 • Personal Investing
Course focuses on the investment process, investment portfolios, investment tools, and portfolio management from an individual investor perspective. Topics include stocks, bonds, debentures, mutual funds, securities, money markets, and financial planning.
Hours: 42 hrs (3-0)
Credits: 3

FREN (FRENCH)

FREN 200 • Beginner's French I
This is a course for students with little to no previous background in French. This course will acquaint students with the fundamental parts of the French language and will build communicative competence in reading, writing, listening comprehension, and speaking. By the end of this course, students will be able to ask and answer questions compose simple sentences, and express themselves in basic French. The course consists of an extensive exploration of the rich culture of French and the Francophone world.
NOTE: Not to be taken by students with native and native proficiency in French, or with credit in French 30 or French 31 or their equivalents in Canada and other countries.
NOTE: Students cannot receive credit for both FREN 200 and FREN 1109.
Hours: 70 hrs (4-1)
Credits: 4

FREN 202 • Beginner's French II
Prerequisite: FREN 200 or permission of the Dean
This course is an extension of FREN 200. Students continue to develop their skills in listening comprehension, speaking, reading, and writing, with emphasis placed on composing more complex sentences and expressing language using the past tense. This course will entice students to further explore the rich French culture and Francophone world.
NOTE: Not to be taken by students with native or near native proficiency in French, or with credit in French 30 or French 31 or their equivalents in Canada.
NOTE: Students cannot receive credit for both FREN 202 and FREN 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 build up your grammatical skills. Short texts from well-known Francophone authors form a basis for study and discussion of cultural, personal, and universal themes. Through individual and group participation, this course prepares you for foreign travel or residence abroad and also for university programs such as Education, International Studies, and Commerce.
NOTE: Not to be taken by students with native or near native proficiency in French.
Hours: 56 hrs (3-1)
Credits: 3

FREN 221 • First Year University: French II
Prerequisite: FREN 219 or permission of the Dean
A continuation of FREN 219. You have the opportunity to converse and communicate through individual and group presentations. You will practice new grammatical structures and vocabulary and study and discuss short excerpts from Francophone authors covering topics such as careers, travel, personal goals, and current issues. This course provides a good basis for the requirements of further university transfer, federal institutions, and global corporations.
NOTE: Not to be taken by students with native or near native proficiency in French.
Hours: 56 hrs (3-1)
Credits: 3

FREN 319 • Second Year University: French I
Prerequisite: FREN 221
Course further develops grammatical skills and provides a wider vocabulary. You will study and discuss short texts, and practice writing descriptive, narrative and expository prose.
Hours: 56 hrs (3-1T)
Credits: 3

FREN 321 • Second Year University: French II
Prerequisite: FREN 319 or permission of the Dean
A continuation of FREN 319 and refines grammatical accuracy and fluency in speaking and writing.
Hours: 56 hrs (3-1T)
Credits: 3

FREN 1109 • Beginner's French I
Basic elements of the French language, including training in comprehension, speaking, reading and writing of French. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.*
NOTE: Students cannot receive credit for both FREN 1109 and FREN 200.
Hours:70 hrs (4-1)
Credits: 4

FREN 1111 • Beginner's French II
Prerequisite: FREN 200 or FREN 1109
A continuation of French 1109. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.*
NOTE: Students cannot receive credit for both FREN 1111 and FREN 202.
Hours: 70 hrs (4-1)
Credits: 4

GEOG (GEOGRAPHY)

GEOG 191 • Physical Geography and Ecosystem Science
Introduces the rapidly advancing fields of eco-system science through the exploration of how ecosystems respond to climate change, pollution, and intensive natural resource management, and changes to our built environment. The physical elements of the natural environment, their interrelationships and problems that affect people are studied.
Hours: 56 hrs (3-1)
Credits: 3

GEOG 201 • The Physical Environment
An introduction to the physical elements of the environment (weather, climate, hydrology, land forms, soils, vegetation and the processes producing variations of these elements on the surface of the earth). Examples of environmental inter-relationships and problems that affect people are studied.
Hours: 70 hrs (3-2)
Credits: 4

GEOG 203 • The Human Environment
This course is the study of people - their origins, culture, technology, economy and impact on the environment, and the manner in which people attempt to impose order upon the surface of the earth. Concepts of relative location are introduced, with particular regard to both the external orientation and the internal organization of urban areas. There will be project work in the laboratories.
Hours: 70 hrs (3-2)
Credits: 4

GEOG 321 • Environmental Problems and Resource Management
Prerequisite: Any 200 level Geography course
Environmental and resource issues are studied, with emphasis on such topics as: Principles of resource use; global environmental and resources management strategies including sustainable development; and environmental impact assessment. Case examples are highlighted.
Hours: 42 hrs (3-0)
Credits: 3

GEOG 332 • Map and Air Photo Interpretation
Prerequisite: GEOG 201 or permission of the Dean.
The purpose of this course is to introduce you to the discipline of cartography through the detailed examination and use of maps and air photographs. Concepts stressed in the course include scale, location, direction, evaluation, projections, and elements of air photography.
Hours: 70 hrs (3-2)
Credits: 4

GEOG 334 • Remote Sensing
Prerequisite: GEOG 201 or permission of the Dean
This course covers the use of aerial photographs for the interpretation and mapping of renewable resources, and is an introduction to the physical basis of remote sensing. A full range of data products are used including black and white, black and white infrared, colour, colour infrared photographs, and satellite images.
Hours: 70 hrs (3-2)
Credits: 4

GEOG 338 • Introduction to Geographic Information Systems (GIS)
Prerequisite: GEOG 201
This course focuses on spatial data, its nature, acquisition and manipulation. Several of the industry-leading GIS software programs are utilized in exploring spatial relationships.
Hours: 70 hrs (3-2)
Credits: 4

GEOG 379 • The United States of America
The physical and cultural framework of the country and its historical significance, and the patterns and characteristics of geographic regions are studied in this course.
NOTE: You are strongly advised to have taken a previous course in geography.
Hours: 42 hrs (3-0)
Credits: 3

GEOG 381 • Canada
Course focuses on the regional geography and physical framework of Canada and its significance in Canada's historical development. The concept of the geographic region, the patterns and characteristics of these regions, and selected detailed studies are included in this course.
NOTE: You are strongly advised to have taken a previous course in geography. Students cannot receive credit for both GEOG 381 and GEOG 2225.
Hours: 42 hrs (3-0)
Credits: 3

GEOG 387 • Russia
The systematic and topical geography of Russia and aspects of economic activity, transportation, regional development settlement patterns, and population distribution are discussed in this course.
NOTE: You are strongly advised to have taken a previous course in geography.
Hours: 42 hrs (3-0)
Credits: 3

GEOG 397 • Geography of the Northlands
Course focuses on the environment, resource development and human activity with emphasis on Alaska, Yukon, Northwest Territories, Nunavut, Russia, Scandinavia, Greenland and Iceland.
NOTE: You are strongly advised to have taken a previous course in geography.
Hours: 42 hrs (3-0)
Credits: 3

GEOG 2225 • Regional Geography of Canada
This course involves a regional geography approach to the study of Canada. Included is the study of the physical framework of Canada and its significance in Canada's historical development. The concept of geographic regions, and the patterns and characteristics of these regions are explored using selected detailed studies. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.*
NOTE: Students cannot receive credit for both GEOG 2225 and GEOG 381.
Hours: 42 hrs (3-0)
Credits: 3

GLGY (GEOLOGY)

GLGY 111 • Principles of Geoscience
Explores the Earth's composition and its natural processes, and the interconnectedness with human and physical geography.
Hours: 42 hrs (3-0)
Credits: 3

GLGY 201 • Principles of Geology and Geophysics I
Introduction to the origin, composition and evolution of the Earth and the solar system. Introduction to plate tectonics and the rock cycle with a description of surface processes and internal processes. Simple energy balances and interactions between radiation and the atmosphere, land, oceans, ice masses, and the global hydro geological cycle. Laboratory: Rocks and minerals, topographic and geologic maps.
Hours: 84 hrs (3-3)
Credits: 4

GNED (GENERAL EDUCATION)

GNED 210 • Scientific and Mathematical Literacy for the Modern World
You will expand your understanding of the intersections of mathematics, science and technology with daily life. The course will develop and apply critical thinking and scientific reasoning skills through the examination of issues drawn from the real world and current events.
NOTE: Students cannot receive credit for both GNED 210 and GNED 1101.
Hours: 42 hrs (3-0)
Credits: 3

GNED 220 • Texts and Ideas
"Texts and Ideas" is a course that explores how specific ideas shape attitudes, belief systems, and values through the perspectives of various disciplines. You will learn about the nature, origins and relevance of one or more complex concepts, such as beauty, mind, identity, modernity, or the good life.
NOTE: Students cannot receive credit for both GNED 220 and GNED 1202.
Hours: 42 hrs (3-0)
Credits: 3

GNED 221 • Aesthetic Experience & Ideas
This course examines human aesthetic responses and our capacities to interpret diverse forms of cultural expressions. Students will study some of the following: literary and/or religious texts, paintings, sculpture, architecture, music, film, dance, opera the decorative arts, as well as other forms of aesthetic expression. Students will critically explore the values, beliefs and ideas that shape, and are shaped by human experience, and are expressed by individuals, communities, and societies, through their art and cultural expression. Students will also explore the various media through which cultural expression takes place.
NOTE: Students cannot receive credit for both 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 232 • Building Communities in a Changing World
As our world rapidly changes, we need to rethink and reconsider what constitutes healthy, resilient and just communities and societies. In this course, students will interrogate contemporary societal practices and norms in the face of broader challenges to identify community building needs and solutions. Students will critically evaluate theories and practices of social justice for community building and development.
NOTE: Students cannot receive credit for both GNED 232 and GNED 1302.
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 1302 • Building Communities in a Changing World
As our world rapidly changes, we need to rethink and reconsider what constitutes healthy, resilient and just communities and societies. In this course, students will interrogate contemporary societal practices and norms in the face of broader challenges to identify community building needs and solutions. Students will critically evaluate theories and practices of social justice for community building and 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 GNED 232 and GNED 1302.
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 • Writing for Academic Success
This course develops students' skills in the types of writing, reading, and thinking required in university today. Students will review basics, analyze contemporary examples, develop research and referencing skills, and design their writing for specific audiences. Writing for Academic Success provides an opportunity to develop new talents and gain confidence in expressing ideas. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.*
NOTE: Students cannot receive credit for both 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
Corequisites: HCAP 140 & HCAP 142 & HCAP 143
You will gain an understanding of body systems, functions, and chronic conditions. Normal human growth, development, and death will be discussed. You will gain an understanding of the role of a Health Care Aide and the aspects of healthy aging as well as the importance of the maintenance and fostering of client independence. Graded on a CR (Pass)/NC (Fail) basis.
Hours: 45 hrs (4.5-0) 10 wks
Credits: 3

HCAP 142 • Communication & Documentation in the Health Care Environment
Corequisites: HCAP 140 & HCAP 141 & HCAP 143
You will learn how to communicate effectively within a collaborative team. You will also acquire skills in both written and oral communications and learn how to deal with problems and conflict. You will gain understanding in communication impairments and related strategies to mitigate potential challenges. Graded on a CR (Pass)/NC (Fail) basis.
Hours: 60 hrs (3-3) 10 wks
Credits: 3

HCAP 143 • Providing Person-Centered Care & Comfort
Corequisites: HCAP 140 & HCAP 141 & HCAP 142
You will learn how to deliver basic physical care such as grooming, personal care, bathing, bed-making, assisting with elimination, client mobility, positioning, lifts and transfers in a safe, ethical manner. You will also acquire knowledge and skills related to client nutrition, food safety and mealtimes. This course includes a high impact consolidation lab. Graded on a CR (Pass)/NC (Fail) basis.
Hours: 75 hrs (2.42-3.83) 12 wks
Credits: 4

HCAP 144 • Clinical Placement I
Prerequisites: HCAP 140 & HCAP 141 & HCAP 142 & HCAP 143
Placement to occur in a continuing care setting (home care, supportive living, designated supportive living (DSL), senior lodge, group homes). Graded on a CR (Pass)/NC (Fail) basis.
Hours: 80 hrs (0-40C) 2 wks
Credits: 4

HCAP 145 • Meeting Complex Care Needs
Prerequisites: HCAP 140 & HCAP 141 & HCAP 142 & HCAP 143 & HCAP 144
Corequisites: HCAP 146
This course covers the more complex skills required for complete personal care such as range of motion, assistance with wound care, assistance with Naso-Gastric, Gastrostomy and tube feeds, assistance with urinary catheters and drainage systems. In addition, you will learn how to measure vital signs, height, and weight, assess vital signs, assistance with specimen collection, and assistance with respiratory care and oral suctioning, medication assistance. This course includes a high impact consolidation lab. Graded on a CR (Pass)/NC (Fail) basis.
Hours: 75 hrs (3.43-7.29) 7 wks
Credits: 4

HCAP 146 • Special Activities for Clients with Various Health Conditions
Prerequisites: HCAP 140 & HCAP 141 & HCAP 142 & HCAP 143 & HCAP 144
Corequisite: HCAP 145
You will build on the skills previously learned and expand your range of skills to include assistance with care of infants, assistance with child, and care for clients with a diagnosis of Dementia and other mental health diagnoses. You will assist clients with physical disabilities and developmental delays. Furthermore, you will learn about palliative and end of life care and how to meet the care needs of patients and families at the time of death. This course includes a high impact consolidation lab. Graded on a CR (Pass)/NC (Fail) basis.
Hours: 75 hrs (7.29-3.43) 7 wks
Credits: 4

HCAP 147 • Clinical Experience II (Instructor-Led)
Prerequisites: HCAP 145 & HCAP 146
Clinical placement to occur in any of the following care settings: long term care facility, designated supportive living 4/4D (DSL4/4D), and in some cases (DSL 3). Graded on a CR (Pass)/NC (Fail) basis.
Hours: 160 hrs (0-26.67C) 6 wks
Credits: 6

HCAP 148 • Consolidated Clinical Placement
Prerequisite: HCAP 147
Placement to occur in any of the following settings: home care, a long term care facility, designated supportive living 4/4D (DSL4/4D), in some cases (DSL 3), or acute care. Graded on a CR (Pass)/NC (Fail) basis.
Hours: 80 (0-26.67C) 3 wks
Credits: 4

HIST (HISTORY)

HIST 203 • History of Europe
This course focuses on the major issues in modern European history, emphasizing the relationship between ideas and events. Sample themes: revolution and social change; the scientific outlook and democratic ideals; liberalism and industrialization; theory and practice in socialism and Soviet communism.
Hours: 42 hrs (3-0)
Credits: 3

HIST 205 • The Americas
Course discusses selected topics in the history of conquest, expansionism and migrations in the New World. Special attention is given to exploration, social and economic development, race relations, colonial and military rivalries, frontiers, and revolutions.
Hours: 42 hrs (3-0)
Credits: 3

HIST 217 • The United States 1607-1865
Course focuses on a survey of major themes and issues in American history from colonial settlement to the end of the Civil War. Topics include: early exploration, colonial society, religion and education, the road to revolution, the revolutionary war, American democracy, American expansion, race relations, and the Civil War.
Hours: 42 hrs (3-0)
Credits: 3

HIST 219 • United States 1865 to Present
Focus of the course is a survey of American history from the Civil War to the present. Topics include reconstruction and black freedom, the response to industrialization, the emergence of the USA as a world power, the Great Depression and the New Deal, involvement in war (WWI, WWII, Cold War, Vietnam War), student rebellion in the 1960s, and conservatism in the Reagan era.
Hours: 42 hrs (3-0)
Credits: 3

HIST 231 • Histories of Canada to 1867
This course examines the political, social, economic, and cultural developments, including the intertwined Indigenous histories, in the lands now known as Canada from prehistory to the Confederation of the British North American colonies in 1867 into the political unit, Canada. The focus of this course is on Indigenous histories; the arrival of Europeans; the establishment of French society; conflict between French/English/Indigenous peoples, including the establishment of military alliances; fur trade in the West; ecological transformation; armed resistance; development of an industrialist economy; urbanization; the role of global imperialism; coming of new immigrants; economic and social issues; and the movement to unite all British North American colonies. This course will help students understand the transformations of the past and the roots of our present circumstances.
NOTE: Students cannot receive credit for both HIST 231 and HIST 1131.
Hours: 42 hrs (3-0)
Credits: 3

HIST 233 • Histories of Canada Since 1867
This course examines political, social, cultural, and economic themes in the history of Canada since Confederation in 1867, focusing on important and controversial issues, events, and processes that have shaped Canada. Topics include industrialization; urbanization; immigration; changing gender and family roles; Indigenous peoples and the state; the impact of two world wars on Canadian society; multiculturalism and transnationalism; Québec, nationalism, and federalism; regionalism; and Canadian foreign policy in a globalized world. NOTE: Students cannot receive credit for both HIST 233 & HIST 1133.
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

HPED (HEALTH AND PHYSICAL EDUCATION)

HPED 2010 • Historical Foundations of Recreation, Health, Sport, Physical Literacy and the Outdoors

In this course, students will explore the historical foundations of recreation, health, sport, physical literacy, and the outdoors as it relates to historical methods and processes such as colonialism, capitalism, and patriarchy. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.*

NOTE: Students cannot receive credit for both HPED 2010 and KNES 264.

Hours: 42 hrs (3-0)
Credits: 3

HPED 2507 • Nutrition and Health

This course will provide the student with a basic understanding of the role of nutrition in health and fitness. By surveying the basics of human nutrition, and considering practical applications, the student will be prepared to apply nutrition guidelines to their individual nutrition needs and those of specialized populations. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.*

NOTE: Students cannot receive credit for both HPED 2507 and NUTR 200.

Hours: 42 hrs (3-0)
Credits: 3

HPED 3010 • Sociological Perspectives of Recreation, Health, Sport, Physical Literacy and the Outdoors

In this course, students learn about sociological theories and methods, sociocultural processes such as colonialism, capitalism, and patriarchy, and use a sociological perspective to examine topics related to health, sport, recreation, physical literacy, and the outdoors. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.*

NOTE: Students cannot receive credit for both HPED 3010 and KNES 204.

Hours: 42 hrs (3-0)
Credits: 3

HSSW (HUMANITIES & SOCIAL SCIENCE WORKPLACE)

HSSW 300 • Work Integrated Learning Placement

Prerequisite: 30 credits or permission of the Program Coordinator and Dean

This learning experience provides students the opportunity to apply the theory and practical skills developed in their field of study to diverse real-world work environments. This integrated work placement also provides critical opportunities for networking, future employment, as well as personal and professional growth. Students find a placement with support from the College Placement Advisor who maintains a roster of placement opportunities and provides students with direction and assistance in the development of resumes and placement search techniques.*Restricted to students In the Humanities and Social Sciences Diploma program. Tuition for this course is $417.42 plus fees.

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: 84 hrs (3-3) 14 wks
Credits: 4

IDST 250 • Conflict Management and Crisis Intervention in the Helping Professions

Prerequisite: IDST 100

Helping professionals often need to respond to individuals in crisis and de-escalate situations. This course presents conflict resolution models and the application of conflict resolution techniques and de-escalation strategies. Students will participate in role play labs and authentic scenarios with the purpose of practicing and developing advanced communication skills to effectively navigate difficult conversations.

Hours: 42 hrs (2-1)
Credits: 3

IDST 260 • Personal Health and Wellness

This course is designed to offer an overview, within the context of the helping professions, of the physical, social, mental, environmental, and spiritual aspects of personal health and wellness. Topics include the three-legged stool of nutrition, exercise, and sleep; the course also focuses on stress management as well as common health problems and their prevention. This course includes an individualized analysis of personal health issues and physical fitness. Students will be expected to demonstrate knowledge of the concepts of health and wellness; describe their dimensions; and plan, implement, and report on a specific wellness plan or project as it relates to their own life.

Hours: 42 (3-0)
Credits: 3

IDST 270 • Leadership in the Helping Professions
This course examines leadership within personal and professional contexts. Students explore leadership qualities and skills necessary to be effective leaders in helping professions. Students will be provided opportunity to examine their own leadership styles and their sphere of influence in their field.
Hours: 42 (3-0)
Credits: 3

IDST 485 • Death and Dying
Society's attitudes towards death and dying, rituals associated with death, and the impact of technology are examined. The effect of death and dying on those who are dying, on their families and friends, and on those providing care and comfort is discussed.
Hours: 42 hrs (3-0) 14 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 infections agents (bacteria, viruses and parasites) and the strategies employed by these agents in order to evade an effective immune response.
Hours: 42 hrs (3-0)
Credits: 3

INBU (INTERNATIONAL BUSINESS)

INBU 330 • International Marketing
This course provides students with an understanding of the role of marketing in international business and how it differs from marketing in the domestic market. A brief review of the basic principles of marketing and its relationship to the other functional areas of Marketing will be included. The course will focus on identifying international marketing opportunities and developing appropriate market access strategies. The influence of cultural, political, economic and legal factors on the marketing decisions will be a vital component of the market research which will be used to gain a better understanding of the identified target market.
Hours: 42 hrs (3-0)
Credits: 3

INST (INDEPENDENT RESEARCH)

INST 300 • Independent Research Study
Student must receive prior approval from the Program Coordinator to enroll in this course. This independent study introduces students to quantitative and/or qualitative research approaches appropriate to contexualized, individualized student research projects. Students will learn to think critically about research claims, develop and awareness of ethical concerns in research, and gain understanding of research methodology, various approaches, and their respective shortcomings. Students will participate in a research project and document their role and contributions.
Hours: 42 hrs (3-0)
Credits: 3

ITEC (INFORMATION TECHNOLOGY)

ITEC 100 • Professional Communications I
This introductory course helps you develop the skills, strategies, and techniques needed to prepare a variety of business and technical documents. Instruction will include a focus on grammar proficiency, document development, and oral presentation skills. You will use Microsoft Office Suite to create, edit and track changes to documents.
Hours: 70 hrs (2-3)
Credits: 4

ITEC 110 • A+ Computer Technology I
Named after CompTIA A+, a microcomputer industry-wide proficiency standard, this course includes essential operating system competencies and hardware knowledge for a microcomputer service technician. This course will help students prepare for the (optional) CompTIA A+ industry examinations.
Hours: 84 hrs (2-4)
Credits: 4

ITEC 120 • Applied Mathematics
A combination of technical and business mathematics, this course is designed to improve general math and problem solving capabilities particularly in areas relevant to information technology. Topics include a thorough treatment of binary and hexadecimal number systems and related conversions, review of arithmetic and algebra, exponents and logarithmic functions, IP addressing, truth tables, etc. As well as some business mathematics such as percentages, interest, break-even analysis, etc. Lab exercises include hands on work with spreadsheets (e.g. Microsoft Excel) and some programming.
Hours: 70 hrs (2-3)
Credits: 4

ITEC 130 • A+ Computer Technology II
Prerequisite: ITEC 110
This course extends the range and depth of coverage begun in ITEC 110. It is also named after CompTIA A+, a microcomputer industry-wide proficiency standard, and continues coverage of essential operating system competencies and hardware knowledge for a microcomputer service technician. This course will help students prepare for the (optional) CompTIA A+ industry examinations.
Hours: 84 hrs (2-4)
Credits: 4

ITEC 140 • Programming Fundamentals I
Introduction to computer programming using a mainstream object oriented, event driven language. Topics include user interface design, algorithms, and various foundational programming concepts such as types, variables, objects, expressions, control structures, and so on. In the labs you are given the opportunity to complete a variety of event driven, windows based programs.
Hours: 70 hrs (2-3)
Credits: 4

ITEC 145 • Programming Fundamentals II
Prerequisite: ITEC 140
Continuing from ITEC 140, you will continue to develop your expertise in object oriented, event driven programming. Topics include: additional control structures, arrays, subprograms and parameters, file handling, and introduction to classes.
Hours: 70 hrs (2-3)
Credits: 4

ITEC 150 • Application Software
This course focuses primarily on database software and introductory database concepts. Main topics include database design, relationships, tables, queries, forms and reports. Additional software topics include software installation, requirements, licensing, compatibility and data transfer between different applications.
Hours: 70 hrs (2-3)
Credits: 4

ITEC 155 • IT Systems Support
This course examines the installation and use of Linux client/desktop operating systems and the role that the Linux operating system plays in today's computing environment. Additional topics will focus on system protection. Logical and physical security concepts and cryptography will be introduced including such uses as encryption of files, drives, email and public key infrastructure. Students will also use a variety of methods to detect, remove and prevent malware infections. This course will help students prepare for the (optional) CompTIA A+ industry examinations.
Hours: 70 hrs (2-3)
Credits: 4

ITEC 170 • Networking Fundamentals
This course covers networking and communications fundamentals and Terminology, communication protocols, the OSI model, TCP/IP and encapsulations. You will work with current networking hardware and software to study the appropriate configuration of these components. Networking concepts such as routing and remote access are introduced in the context of an Internet connection. The course represents the program's primary preparation for the CompTIA Network+ certification exam which you will be encouraged to complete by the middle of the third semester of the IT program.
Hours: 84 hrs (2-4)
Credits: 4

ITEC 190 • Web Development I
This course introduces the foundational principles of web development, focusing on building responsive and dynamic websites. Students will learn to structure and style web pages using modern HTML5 standards, alongside CSS for design and layout. Students will also explore essential web technologies, including browser tools, hosting, and web publishing. By the end of the course, you'll have the skills to create fully functional websites optimized for various devices.
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
Prerequisite: Prerequisite: ITEC 145 and ITEC 150
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 access control, data privacy, law and ethics, wireless security, web attacks and defense, virus protection, encryption, firewall configuration, and network monitoring. Good network management and administration techniques are emphasized as fundamentals to maintaining secure systems and networks. Students will be introduced to cloud security and ethical hacking, including penetration testing. The course will introduce a fundamental working knowledge of key cryptography concepts, authentication methods, and public key infrastructure in support of the development of a secure network infrastructure.
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. Tuition for this course is $1,034.08 plus fees.
Hours: 4 mths
Credits: 15

ITPL (INFORMATION TECHNOLOGY PLACEMENT)

ITPL 220 • Information Technology Career Advancement
This course provides special coverage of new and emerging technologies within the computer industry and/or relevant industry certification topics.
Hours: 70 hrs (0-17.5) 4 wks
Credits: 4

KNES (KINESIOLOGY)

KNES 203 • Principles and Concepts of Physical Activity
Exploration of the principles and concepts that underlie movement of individuals and groups in a variety of settings. It is designed as a lead up course to the required study of Biomechanics. The focus of the course is the development of a conceptual understanding of movement. A wide range of activities and their contexts is examined and experienced.
Hours: 56 hrs (1-3)
Credits: 3

KNES 204 • Sociocultural Aspects of Leisure and Sport
This course focuses on the study of play, physical education, recreation, sport, and leisure as institutionalized ways in which society organizes and teaches attitudes and skills.
NOTE: Students cannot receive credit for both KNES 204 and HPED 3010.
Hours: 42 hrs (3-0)
Credits: 3

KNES 206 • Psychology of Sport and Physical Activity
Prerequisite: Any 200-level PSYC
This course introduces you to select psychological theory as it relates to sport and physical activity. Psychological constructs along with their theoretical perspectives will be viewed within a cognitive, emotional and behavioral framework.
NOTE: Students cannot receive credit for both KNES 206 and PHYL 3510.
Hours: 42 hrs (3-0)
Credits: 3

KNES 210 • Motor Skill Acquisition and Performance
This course presents a behavioral approach to understanding human movement. The course examines the processes involved in learning motor skills and controlling movement, and the factors that influence acquisition and performance. The course content relies on theoretical frameworks and empirical support for principles of motor control and learning. Critical neural and cognitive concepts underlying an understanding of human behavior in physical activity, sport and health are also examined.
Hours: 42 hrs (3-0)
Credits: 3

KNES 212 • Research Methods in Kinesiology
Prerequisite: STAT 213 or STAT 333
An introduction to research in Kinesiology, with an emphasis on the practical application of research techniques and design. Students will use critical thinking to evaluate and design research using qualitative, quantitative and mixed 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
An introduction to the biomechanics of movement. Both qualitative and quantitative approaches are used in the study of key biomechanical concepts and principles as they are applied to sport and exercise.
Hours: 70 hrs (3-2)
Credits: 4

KNES 260 • Introduction to Coaching
This course focuses on coaching theory and practice, with an emphasis on the qualities of an effective coach, skills a coach should possess, and how coaches connect with athletes. This course incorporates components of the National Coaching Certification Program (NCCP Theory Part A & B modules) and may have supplemental costs for certification requirements.
NOTE: Students cannot receive credit for both KNES 260 and PHYL 2520.
Hours: 42 hrs (3-0)
Credits: 3

KNES 261 • Human Anatomy
Introductory study of the human body. Students will learn about the various human systems and their structural and functional interrelationships.
NOTE: Student cannot receive credit for both KNES 261 and BIOL 305.
Hours: 84 hrs (3-3)
Credits: 4

KNES 264 • History and Philosophies of Physical Education, Sports and Recreation
A study of the philosophies and the development of physical education, sport, recreation, and athletics from ancient to modern times, with an emphasis on the Canadian setting.
NOTE: Students cannot receive credit for both KNES 264 and HPED 2010.
Hours: 42 hrs (3-0)
Credits: 3

KNES 265 • Functional Anatomy
Prerequisite: KNES 261
The application of anatomical and mechanical principles as they relate to human movement in sport, physical education, and daily activities. The focus will be on incorporating knowledge associated with the skeletal, muscular, and nervous systems to perform in-depth analyses of various movement situations.
Hours: 70 hrs (3-2)
Credits: 4

KNES 270 • Fitness Assessment and Exercise Prescription
Prerequisite: KNES 247 and KNES 373
This course provides students with the theoretical knowledge and practical skills required to assess and interpret the physical fitness of healthy individuals by using accepted techniques that measure body composition, muscular fitness, cardiorespiratory capacity, and flexibility. Based on fitness assessment outcomes, students will also learn how to design, prescribe, and progress appropriate exercise programs.
Hours: 70 hrs (3-2)
Credits: 4

KNES 281 • Introduction to Movement Activities of Children and Youth
Introduction to the theory and practice of instruction in physical activity settings. Instructional techniques are applied to a variety of activities and environments in order to enhance the development of instructional skills that can promote skill learning.
Hours: 56 hrs (2-2)
Credits: 3

KNES 290 • Growth and Development
Study of the sequential changes in physical growth and motor development with emphasis on individual differences.
Hours: 70 hrs (3-2)
Credits: 4

KNES 295 • Practicum
Prerequisite: KNES 247 and KNES 373
Corequisite: KNES 270
This practicum will give students the opportunity to gain hands-on industry experience and develop professional skills by working under the guidance of community professionals. Students will bridge the theoretical and practical knowledge gained in the classroom with real-world learning opportunities in various environments related to health, fitness, and athletics. The student will complete 14 hours of classroom work and 70 hours of non-paid work experience over the course of 14 weeks.
Hours: 84 hrs (1-5P)
Credits: 3

KNES 373 • Exercise Physiology
Prerequisite: PHSL 370 and 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.
NOTE: 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.
NOTE: 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.
NOTE: 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.
NOTE: 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.
NOTE: 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.
NOTE: Students cannot receive credit for MATH 0030-1 and MATH 030.
Hours: 120.45 hrs (6.6-2T)
Credits: 4

MATH – MATH

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.
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.
NOTE: Students cannot receive credit for MATH 0031 and MATH 031.
Hours: 120.45 hrs (6.6-2T)
Credits: 4

MATH 150 • Technical Math
An introductory mathematics course for engineering technicians. Elementary algebra, geometry, and trigonometry will be introduced to prepare students to solve mathematical problems at a technician level. Students will learn and employ mathematical strategies such as models, geometric representations, formulas, algebraic equations, descriptive statistical methods and mathematical reasoning.
Hours: 70 hrs (5-0)
Credits: 4

MATH 160 • Mathematical Literacy for the 21st Century
Prerequisite: MATH 30-1 or MATH 30-2
Mathematics often comes to us as pre-packaged collections of abstract concepts, words, symbols, relations, and manipulations. Typically, individuals memorize “one-size-fits-some” algorithms but remain perplexed at how, when, or why these methods work. This course tracks the historical and conceptual foundations of mathematics with a view to understanding mathematics as a language and way of thinking and discovering its relevance to our world.
Hours: 56 hrs (3-1)
Credits: 3

MATH 202 • Elementary Calculus I
Prerequisite: MATH 30-1 or equivalent
A review of analytical geometry, functions and graphs. Differentiation and integration of polynomial, trigonometric, exponential and logarithmic functions; applications including curve sketching and optimization; and the fundamental theorem of calculus are featured.
Hours: 56 hrs (4-0)
Credits: 3

MATH 203 • Elementary Calculus I
Prerequisite: MATH 30-1 & MATH 31 or equivalents
Topics of this course include: A review of analytical geometry, functions and graphs; differentiation and integration of polynomial, trigonometric, exponential and logarithmic functions; applications including curve sketching and optimization; and the fundamental theorem of calculus.
NOTE: Credit not given if credit for MATH 202 completed.
Hours: 42 hrs (3-0)
Credits: 3

MATH 204 • Elementary Calculus II
Prerequisite: MATH 202 or MATH 203
Topics of this course include the inverse trigonometric functions; techniques of integration; indeterminate forms; improper integrals; applications including areas and volumes; power series, Taylor series; differential equations, including separable equations, linear first order, and linear second order equations with constant coefficients.
Hours: 42 hrs (3-0)
Credits: 3

MATH 221 • Linear Algebra
Prerequisites: 1) a grade of 70% or higher in MATH 30-1, or, 2) a grade of 60% or higher in MATH 31, or, 3) MATH 202 or MATH 203 or AMAT 217
Topics of this course include systems of equations and matrices, vector geometry in two and three dimensions, vectors in n-space, matrix algebra and determinants. Introduction to linear transformations; complex numbers, eigenvalues, eigenvectors; orthogonality; and applications in the physical science.
Hours: 56 hrs (4-0)
Credits: 3

MATH 271 • Discrete Mathematics
Prerequisite: MATH 221
This course features sets and relations; functions; induction; counting, recurrence and trees; symbolic logic; graphs; and applications.
Hours: 56 hrs (4-0)
Credits: 3

MATH 311 • Linear Methods II
Prerequisite: MATH 221
This course features: vector spaces and subspaces; linear independence; matrix representation of linear transformations; eigenvalues and eigenvectors; quadratic forms; inner products; and Gram-Schmidt orthogonalization. This course is available as a directed study course. For more information, consult the Dean of Science.
Hours: 56 hrs (3-1T)
Credits: 3

MATH 331 • Calculus and Linear Algebra
Prerequisite: MATH 204
A brief introduction to linear algebra, this course features calculus of functions of several variables and an introduction to vector analysis. This course is available as a directed study course. For more information, consult the Dean of Science.
Hours: 56 hrs (3-1T)
Credits: 3

MGMT (MANAGEMENT)

MGMT 150 • Strategic Communication
This course provides the learners with the ability to build consensus and communicate insights via a variety of mediums, strategically providing insights to decision-makers.
Hours: 42 Hours (5.25-0) 8 wks
Credits: 3

MGMT 161 • Management Theory
Focus of this course is on the management functions of planning, organizing, leading and controlling within the context of today's dynamic and changing world. Specific topics include strategic planning, decision making, organizational design, staffing, motivation, and ethics.
Hours: 42 hrs (3-0)
Credits: 3

MGMT 171 • Sustainable Innovation and Entrepreneurship
Prerequisites: SUST 213 or SUST 321 & MKTG 141 or MKTG 241
This course emphasizes innovative thinking and the development of a sustainable entrepreneurial and intrapreneurial mindset, both crucial for success in various business enviroments. Students will explore how to identify and capitalize on opportunities and how innovation is needed in organizations.
Hours: 42 hrs (3-0)
Credits: 3

MGMT 181 • Sustainable Operations
Prerequisites: SUST 213 or SUST 321 & FINA 161 or FINA 261
This course explores the foundations of operations management in the context of sustainability. It will provide students with a comprehensive understanding of the core concepts in the field of operations management while integrating emergent, business, social and environmental issues. Students will explore different core concepts as eco-efficiently, supply chain management, quality and process improvement, and lean systems. Concepts such as eco-efficiency, sustainable supply chain management, environmental management systems, and how Corporate Social Responsibility (CSR) can make a significant contribution towards sustainability.
Hours: 42 hrs (3-0)
Credits: 3

MGMT 193 • Business Problems Software Applications
This course is designed to challenge you to think critically and to find effective solutions to realistic business problems. You will use contemporary and integrated software applications including Microsoft Office as the tools to analyze business problems for decision making. Students will create a website, be introduced to AI software, learn electronic file management, use Outlook and Word editor as well as Canva. Students will learn how to make a commercial video.
Hours: 70 hrs (0-5)
Credits: 4

MGMT 220 • Project Management
Upon completion of this course, students will be able to describe the essential processes, Terminology, and issues involved in project management as well as be able to describe strategies and techniques used in effective project management. Students will be able to Initiate, plan, execute, monitor and control, and close out the work of a team to achieve specific outcomes. Students will be able to explain the project life cycle, illustrate project management's relationship to the strategic planning and need for business acumen, and describe the essential role of a project manager as a leader of people within complex and evolving situations.
Hours: 42 hrs (3-0)
Credits: 3

MGMT 230 • Management Principles for Power Engineers
Course focuses on three components of management for power engineers. The first component provides an overview of the general elements of management and touches on topics such as planning, decision-making, human resource management, and communications. The second component addresses the management of plant maintenance and covers topics such as preventative and corrective maintenance, scheduling, and plant budgeting. The last section focuses on the processes and management of plant safety.
Hours: 42 hrs (3-0)
Credits: 3

MGMT 243 • Human Resource Management
This course examines a range of topics essential to effective management of human resources in today's organizations. Topics include job analysis, performance appraisal, employee selection, training, compensation, and labour relations.
Hours: 42 hrs (3-0)
Credits: 3

MGMT 263 • Organizational Behaviour
A behavioral approach to the understanding of people who influence the workings of organizations. Topics of study include team dynamics, motivation, communication, leadership, decision-making, and organizational culture.
Hours: 42 hrs (3-0)
Credits: 3

MGMT 267 • Leadership Development
Prerequisites: 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
Prerequisites: (ACCT 113 or ACCT 321) & MGMT 161 & completion of 15 College level courses or Permission from the Dean
Business Integration is the study of general management. The general manager's primary responsibility is the direction and performance of an organization as a whole. The pervasive concept in the Business Integration course is that of strategy as a general management tool to guide the survival, growth and profitability of an enterprise. The case analysis approach is used extensively to uncover the social, political, and competitive environments faced by organizations in developing viable strategic choices.
Hours: 42 hrs (3-0)
Credits: 3

MGMT 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 understanding of the course material will be further enhanced through exposure to both manual and computerized methods using current statistical computer software.
Hours: 56 hrs (4-0)
Credits: 3

MGMT 290 • Business Administration Work Integrated Learning
Prerequisite: Completion of 14 Courses or 42 credits in Business Administration Diploma
This experiential learning experience provides students the opportunity to put their field of study and knowledge into practice. Students find a placement with support from the business placement advisor who maintains a roster of placement opportunities and provides students with direction and assistance in the development of resumes and job search techniques. Graded on CR/NC basis.
Hours: 120 hrs (0-30P) 4 wks
Credits: 3

MGMT 326 • Management Information Systems
Prerequisite: ACCT 113 or ACCT 321
This course focuses on the role of information technology in an organization and its application to business problems. Techniques for designing, implementing and managing information systems are presented. Topics covered include hardware and software, file management, database organization, networking and telecommunications, systems development and design, flowcharting, system security, backup and recovery, and artificial intelligence.
Hours: 42 hrs (3-0)
Credits: 3

MGMT 330 • Global Business Environment
An introduction to the field of international business: national economic, political and cultural differences; the issues surrounding globalization; the role of international institutions in facilitating international trade; international trade agreements; the international monetary system; current international business trends and developments. The course will stress Canada's place in the global economy and the challenges Canadian businesses face in doing international business.
Hours: 42 hrs (3-0)
Credits: 3

MGMT 336 • Data Analytics and Information Systems
Prerequisite: MGMT 326
This course provides the student with a broad overview of the modern analytics landscape, including the tools and techniques that are successfully utilized by 21st century organizations. Students learn about the history and evolution of Data analytics (DA), Business analytics (BA), and Business Intelligence (BI), from standardized reporting to a flexible, integrated Information Ecosystem that provides modern decision makers with essential, accurate, and timely information. The emphasis of this course centers on the proper deployment and use of DA, BA, and BI techniques and technologies to best meet the information requirements of modern decision makers. An overview of current technology such as DA, BA, and BI tools is also provided, including Data Warehousing, Data Mining, and OLAP.
Hours: 42 hrs (3-0)
Credits: 3

MGMT 391 • Global Sustainable Business
Prerequisites: SUST 321 & MKTG 241
This course prepares students for the global challenges that businesses face in the 21st century. The global marketplace now and in the future spans emerging markets, a world connected though 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 433 • Strategic Management
Prerequisites: ACCT 215 & FINA 255 & MGMT 243 & MGMT 263 & MKTG 171
Prerequisite or Corequisite: MGMT 440
This capstone course develops the conceptual and applied skills associated with analyzing a competitive situation from a general management point of view. It addresses issues affecting the fundamental direction of the firm, considers the formulation and implementation of strategy, focuses on the extent to which different aspects of the firm fit with key environmental forces, and discusses the organization's ability to leverage its unique core competencies. The course views the organization holistically and, as such, goes beyond the mere integration of specific organizational functions.
Hours: 42 hrs (3-0)
Credits: 3

MGMT 440 • Operations Management
Prerequisite: ACCT 215 and one of MGMT 284 or STAT 251, a minimum C grade required.
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: 56 hrs (4-0)
Credits: 3

MGMT 443 • Business Plan Development
Prerequisites: ACCT 215 & (MGMT 161 or MGMT 270) & MKTG 171
You will be able to prepare and present a solid business plan for new or existing enterprise. Areas covered will include identifying and assessing opportunities, developing a winning strategy, identifying resource requirements and selling the plan to financing sources.
Hours: 42 hrs (3-0)
Credits: 3

MKTG (MARKETING)

MKTG 141 • Sustainable Marketing
This course provides an introductory look at the concepts and activities involved in the marketing of goods and services. Central to the course is understanding the marketing mix variables of product, pricing, promotion, and distribution and their relation to sustainable innovation. Other topics include consumer behavior, marketing research, and the strategic marketing process.
Hours: 42 hrs (3-0)
Credits: 3

MKTG 170 • Marketing & Social Media Analytics
In this course data analysis tools will be used to analyze marketing problems for different industries, for customer segmentation forecasting or new products to improve customer services and sales and social media analytics.
Hours: 42 (5.25-0) 8 wks
Credits: 3

MKTG 171 • Marketing
Introductory look at the concepts and activities involved in the marketing of goods and services. Central to the course is understanding the marketing mix variables of product, pricing, promotion, and distribution. Other topics include consumer behavior, marketing research, and the strategic marketing process. The creation of a marketing plan will also be included.
Hours: 42 hrs (3-0)
Credits: 3

MKTG 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 290 • Community Service Project
This community service project plays a significant role in the development of professional expertise in the field of marketing and design. Students will act as consultants to regional businesses supporting their marketing endeavours. Progress will be evaluated through employer and instructor assessments.
Hours: 120 (0-30P) 4 wks
Credits: 3

MKTG 315 • Science of Persuasion
Prerequisite: MKTG 171
Marketing ultimately hinges on the ability to comprehend human motivation in order to understand the attitudes and behaviours of people and organizations. In this course, students investigate the theory and practice of persuasion, learning to use these concepts to develop persuasive and compelling stories in visual, verbal and written formats.
Hours: 42 hrs (3-0)
Credits: 3

MKTG 325 • Evidence-Based Marketing
Prerequisite: MKTG 171
This course explores the goals of evidence-based marketing and essential methodologies used to gain insight. Students will have the opportunity to learn how to support effective marketing decisions through focused marketing research and analysis. A key outcome of this course is the initial development of a student's marketing portfolio.
Hours: 42 hrs (3-0)
Credits: 3

MKTG 345 • Managing Marketing Relationships
Prerequisite: MKTG 171
Business success depends on relationships with diverse groups of people, including customers, employees, shareholders, suppliers, distribution partners, communities and regulators. In this course students will learn to identify, evaluate and prioritize these relationships. This will include areas of study such as social exchange theory, market segmentation and network analysis.
Hours: 42 hrs (3-0)
Credits: 3

MKTG 355 • Creating Brand Intelligence
Prerequisite: MKTG 171 or ARDE 333
Meaningful marketing campaigns are developed through a trans-disciplinary, rigorous, and creatively-driven process. In this course, students are immersed in the deconstruction, critique and reconstruction of the creative and emotional potential of existing marketing assets. Using Brand Intelligence tools and techniques, students then reframe, redesign, rewrite and develop new narrative elements for extraordinary advertising and promotion campaigns.
Hours: 42 hrs (3-0)
Credits: 3

MKTG 358 • Navigating Marketing Trends
Prerequisite: MKTG 325
The marketer's ability to understand complex issues today and anticipate change in the future drives competitive advantage. In this course, students will learn to determine the relevant contextual variables that impact strategy, such as the size and culture of the business, the nature of the industry, the competitive dynamics, and the relevant political, legal, social and technological trends.
Hours: 42 hrs (3-0)
Credits: 3

MUHL (MUSIC HISTORY AND LITERATURE)

MUHL 209 • Music Past and Present
Directed listening to and study of important music of the past and present. Course is intended for non-majors.
Hours: 42 hrs (3-0)
Credits: 3

MUHL 211 • Music and the Humanities
Study of the interrelationship of music and the humanities in a broad cultural and historical framework. Course is intended for non-majors.
Hours: 42 hrs (3-0)
Credits: 3

MUPF (MUSIC PERFORMANCE)

MUPF 201 • Chamber Choir I
Prerequisite: Successful audition
Performance experience in the Chamber Choir.
Hours: 42 hrs (0-3A)
Credits: 1.5

MUPF 202 • Chamber Choir I
Prerequisite: Successful audition
Performance experience in the Chamber Choir.
Hours: 42 hrs (0-3A)
Credits: 1.5

MUPF 215 • Orchestra
Prerequisite: Successful audition
Performance experience in the Orchestra.
Hours: 42 hrs (0-3A)
Credits: 1.5

MUPF 216 • Orchestra
Prerequisite: Successful audition
Performance experience in the Orchestra.
Hours: 42 hrs (0-3A)
Credits: 1.5

NETW (NETWORKING)

NETW 200 • Enterprise Networking
Prerequisite: ITEC 170
This course builds on the fundamental concepts learned in ITEC 170, focusing on the use of Cisco-based networking devices to implement small and medium-sized local area networks (LANs) and wide area networks (WANs). Students will learn how to configure, test, and troubleshoot LAN switching, inter-LAN routing, and wireless LAN connections. They will gain hands-on experience configuring LAN switches, office routers, and multi-layer switches on real hardware. The course includes managing media access control and routing tables, as well as configuring various routing protocols.
Hours: 84 hrs (2-4)
Credits: 4

NETW 220 • Microsoft Server Technologies
Prerequisite: ITEC 170
This course focuses on the implementation, deployment, and support of contemporary Microsoft client and server network operating systems. Emphasis is placed on understanding and applying technologies such as Dynamic Host Configuration Protocol (DHCP), Domain Name System (DNS), Microsoft Hyper-V, Microsoft PowerShell, and foundational Microsoft SQL concepts. The course delves into leveraging PowerShell to automate and streamline processes within the context of the aforementioned technologies. Students will gain practical knowledge and skills for efficient management and administration of Microsoft network environments.
Hours: 84 hrs (2-4)
Credits: 4

NETW 222 • Advanced Microsoft Server Technologies
Prerequisite: NETW 220
This course delves into advanced server management topics, focusing on essential tools and technologies in the Microsoft ecosystem. Students will explore Windows Server Update Services (WSUS), Microsoft System Center Virtual Machine Manager (SCVMM), remote management of Microsoft infrastructure, and performance monitoring and auditing. Additionally, the course covers advanced configurations of critical network infrastructure services, including DNS, DHCP, and group policy. Practical applications and industry-standard processes will be a key focus throughout the course.
Hours: 84 hrs (2-4)
Credits: 4

NETW 290 • Network Administration
Prerequisite: ITEC 170
Focusing on account and resource management in a Windows Server environment, this course covers topics such as appropriate and efficient creation and management of users, computers, groups and organizational units in Active Directory Domains. Students will learn how to effectively control access and permissions on the files, folders and printers, and configure group policy for network management and security.
Hours: 84 hrs (2-4)
Credits: 4

NRSG (NURSING)

NRSG 201 • Introduction to Nursing
Prerequisite: Admission to the Bachelor of Science in Nursing or permission from the Academic Chair of Nursing
An introduction to the ways of knowing, history of nursing, nursing identity, and diverse contexts for nursing practice.
Hours: 36 hrs (3-0) 12 weeks
Credits: 3

NRSG 202 • Indigenous Health Studies
Prerequisite: Admission to the Bachelor of Science in Nursing or permission from the Academic Chair of Nursing
Enhance awareness of and relationship to Indigenous ways of knowing, being, doing, and connecting. Develop foundational knowledge of the ongoing impacts of colonial violence, structures, and systems that influence Indigenous peoples' health in Canada.
Hours: 36 hrs (3-0) 12 wks
Credits: 3

NRSG 305 • Microbiology and Biochemistry
Prerequisite: Successful completion of all year one courses and acceptance in the BScN program
Corequisite(s): NRSG 310, NRSG 320, NRSG 321, NRSG 350 and NRSG 351
The application of biochemistry to defined health problems and establishes the foundations of microbiology and biochemistry for nursing practice.
Hours: 36 hrs (3-0) 12 wks
Credits: 3

NRSG 310 • Foundations of Relationship
Prerequisite: Successful completion of all year one courses and acceptance in the BScN program
Corequisite(s): NRSG 305, NRSG 320, NRSG 321, NRSG 350, NRSG 351
Theory course that introduces students to foundational concepts associated with the practice of registered nurses including caring science and caring practice, the scope of professional practice, professional communication, reflective practice, introduction to ethics, compassion, foundations of nursing knowledge, introduction to the nursing process & assessment, foundations of patient as partner, family centred care/family nursing, practicing amid difference and managing complexity.
Hours: 36 hrs (3-0) 12 wks
Credits: 3

NRSG 320 • Care of the Aging Adult
Prerequisite: Successful completion of all year one courses and acceptance in the BScN program.
Corequisite(s): NRSG 305, NRSG 310, NRSG 321, NRSG 350, NRSG 351
An introduction to the relationship between health and aging, the physiology of aging, and care of the aging adult.
Hours: 18 hrs (1.5-0) 6 wks
Credits: 1.5

NRSG 321 • Health Promotion
Prerequisite: Successful completion of all year one courses and acceptance in the BScN program.
Corequisite(s): NRSG 305, NRSG 310, NRSG 320, NRSG 350, NRSG 351
An introduction to population health trends and health promotion practices.
Hours: 18 hrs (1.5-0) 6 wks
Credits: 1.5

NRSG 330 • Nursing Amid Complexity
Prerequisite: NRSG 305, NRSG 310, NRSG 320, NRSG 321, NRSG 350, NRSG 351
Corequisite(s): NRSG 331, NRSG 332, NRSG 352
Explores the multidimensional influences on health.
Hours: 36 hrs (3-0) 12 wks
Credits: 3

NRSG 331 • Pathophysiology I
Prerequisite: NRSG 305, NRSG 310, NRSG 320, NRSG 321, NRSG 350, NRSG 351
Corequisite(s): NRSG 330, NRSG 332, NRSG 352
First in a sequence of three pathophysiology courses that cover processes associated with disease or injury.
Hours: 36 hrs (3-0) 12 wks
Credits: 3

NRSG 332 • Pharmacology I
Prerequisite: NRSG 305, NRSG 310, NRSG 320, NRSG 321, NRSG 350 NRSG 351
Corequisite(s): NRSG 330, NRSG 331, NRSG 352
An introduction to pharmacokinetics and pharmacodynamics.
Hours: 36 hrs (3-0) 12 wks
Credits: 3

NRSG 350 • Care of the Aging Adult Practicum
Prerequisite: Successful completion of all year one courses and acceptance in the BScN program
Corequisite(s): NRSG 305, NRSG 310, NRSG 320, NRSG 321, NRSG 351
A focus on care of the aging adult in continuing care. Experiential learning for care of aging adults. Introduction to nursing interventions pertinent to this patient population. Graded on a CR (Pass)/NC (Fail) basis.
Hours: 114 hrs (0-19), 6 wks
Credits: 3

NRSG 351 • Health Promotion Practicum
Prerequisite: Admission to the Bachelor of Science in Nursing
Corequisite(s): NRSG 305, NRSG 310, NRSG 320, NRSG 321, NRSG 350
Emphasizsing health promotion across diverse community contexts. Students engage in practicum experiences, service learning, and collaboration with communities. Working alongside groups, organizations, and/or communities, students collaborate to shape strategies that promote health, foster reciprocal learning, and strengthen community connections while applying nursing knowledge in practice Graded on a CR (Pass)/NC (Fail) basis.
Hours: 114 hrs (0-19) 6 weeks
Credits: 3

NRSG 352 • Acute Care Nursing Practicum I
Prerequisites: NRSG 305, NRSG 310, NRSG 320, NRSG 321, NRSG 350, NRSG 351
Corequisite(s): NRSG 330, NRSG 331, NRSG 332
An introduction to the context of acute care, with a focus on tertiary care of the adult population. Experiential learning that focuses on building students' ability to conduct assessment. Introduction to nursing process, developing clinical reasoning, and skills pertinent to practice in an acute care context. Graded on a CR (Pass)/NC (Fail) basis.
Hours: 228 hours (0-19) 12 wks
Credits: 6

NRSG 353 • Acute Care Nursing I
Corequisite(s): NRSG 330, NRSG 331, NRSG 332
Practicum course that introduces students to the context of acute care, with a focus on tertiary care of the adult population. Experiential learning that focuses on building students' ability to conduct assessment. Introduction to nursing process, developing clinical reasoning, and skills pertinent to practice in an acute care context. Graded on a CR (Pass)/NC (Fail) basis.
Hours: 228 hrs
Credits: 6

NRSG 401 • Evidence-Informed Nursing
Prerequisites: NRSG 330, NRSG 331, NRSG 332, NRSG 352
Corequisite(s): NRSG 430, NRSG 450, NRSG 530
An exploration of forms of evidence for nursing practice with a focus on evidence appraisal and utilization. Introduction to qualitative and quantitative research methods, knowledge translation, and knowledge mobilization in nursing and healthcare. *Third and Fourth Years of the Nursing program are University of Calgary courses. The numbering system is based upon the guidelines of this institution. You must register through the University of Calgary – fees are charged by the University of Calgary.*
Hours: 36 hrs (3-0) 12 wks
Credits: 3

NRSG 410 • Nursing as Ethical Practice
Prerequisite: NRSG 401, NRSG 430, NRSG 450, NRSG 530
Corequisite(s): NRSG 531; AND NRSG 420, NRSG 421, NRSG 550, NRSG 551, OR NRSG 520, NRSG 521, NRSG 552, NRSG 553, dependent on clinical placement.
An introduction to foundational theory for nursing practice. Focus on health law and ethics, the code of ethics for registered nurses, principles of and practices associated with patient advocacy. *Third and Fourth Years of the Nursing program are University of Calgary courses. The numbering system is based upon the guidelines of this institution. You must register through the University of Calgary – fees are charged by the University of Calgary.*
Hours: 36 hrs (3-0) 12 wks
Credits: 3

NRSG 420 • Health through Collaboration
Prerequisite: NRSG 401, NRSG 430, NRSG 450, NRSG 530
Corequisite(s): NRSG 410, NRSG 531, NRSG 550
An opportunity to collaborate with others to advance health. *Third and Fourth Years of the Nursing program are University of Calgary courses. The numbering system is based upon the guidelines of this institution. You must register through the University of Calgary – fees are charged by the University of Calgary.*
Hours: 18 hrs (3-0)
Credits: 1.5

NRSG 421 • Mental Health and Illness
Prerequisite: NRSG 401, NRSG 430, NRSG 450, NRSG 530
Corequisite(s): NRSG 410, NRSG 531, NRSG 551
An introduction to the care of patients who experience mental illness. *Third and Fourth Years of the Nursing program are University of Calgary courses. The numbering system is based upon the guidelines of this institution. You must register through the University of Calgary – fees are charged by the University of Calgary.*
Hours: 18 hrs (3-0); 6 wks
Credits: 1.5

NRSG 430 • Pharmacology II
Prerequisite: NRSG 330, NRSG 331, NRSG 332, NRSG 352
Corequisite(s): NRSG 401, NRSG 450, NRSG 530
To further develop understanding of pharmacokinetics and pharmacodynamics. *Third and Fourth Years of the Nursing program are University of Calgary courses. The numbering system is based upon the guidelines of this institution. You must register through the University of Calgary – fees are charged by the University of Calgary.*
Hours: 36 hrs (3-0) 12 wks
Credits: 3

NRSG 450 • Consolidated Practicum
Prerequisite: NRSG 330, NRSG 331, NRSG 332, NRSG 352
Corequisite(s): NRSG 401, NRSG 430, NRSG 530
An introduction to the context of acute care, with a focus on tertiary care of the adult population. Experiential learning that supports students to consolidate their development in assessment, intervention, skill development, and developing clinical reasoning abilities. Graded on a CR (Pass)/NC (Fail) basis. *Third and Fourth Years of the Nursing program are University of Calgary courses. The numbering system is based upon the guidelines of this institution. You must register through the University of Calgary – fees are charged by the University of Calgary.*
Hours: 162 hrs (0-6LB) 3 weeks; (0-16 CL) 9 wks
Credits: 6

NRSG 501 • Nursing Leadership
Prerequisite: NRSG 410, NRSG 531
Corequisite(s): NRSG 420, NRSG 421, NRSG 550, NRSG 551, or NRSG 520, NRSG 521, NURSG 552, NRSG 553 dependent on clinical placement.
An exploration of the knowledge, characteristics, and practices associated with nursing leadership in healthcare systems. *Third and Fourth Years of the Nursing program are University of Calgary courses. The numbering system is based upon the guidelines of this institution. You must register through the University of Calgary – fees are charged by the University of Calgary.*
Hours: 36 hrs (3-0), 12 wks
Credits: 3

NRSG 510 • Resilience in Practice
Prerequisites: NRSG 420, NRSG 421, NRSG 520, NRSG 521, NRSG 550, NRSG 520, NRSG 552, NRSG 553
Corequisite(s): NRSG 560
Prepares students for the transition to professional practice. Strategies for addressing moral and ethical challenges of practice; role and transition shock; working and learning within a preceptorship model; identifying and meeting ongoing learning and support needs; supporting and mentoring others. *Third and Fourth Years of the Nursing program are University of Calgary courses. The numbering system is based upon the guidelines of this institution. You must register through the University of Calgary – fees are charged by the University of Calgary.*
Hours: 36 hours (3-0), 12 wks
Credits: 3

NRSG 520 • Care in Perinatal
Prerequisite: NRSG 401, NRSG 430, NRSG 450, NRSG 530
Corequisite(s): NRSG 552; NRSG 410, NRSG 501 OR NRSG 531 dependent on clinical placement.
A focus on nursing practice with maternal and newborn populations. Includes content associated with maternal care, perinatal care, and postpartum.. *Third and Fourth Years of the Nursing program are University of Calgary courses. The numbering system is based upon the guidelines of this institution. You must register through the University of Calgary – fees are charged by the University of Calgary.*
Hours: 18 hrs (3-0), 6 wks
Credits: 1.5

NRSG 521 • Care in Pediatrics
Prerequisite: NRSG 401, NRSG 430, NRSG 450, NRSG 530
Corequisite(s): NRSG 553; AND NRSG 410, NRSG 531, OR NRSG 501 dependent on clinical placement
A focus on care of the pediatric population. Includes content associated with pediatric health and illness, the relationship between human development, brain, behaviour, and health- *Third and Fourth Years of the Nursing program are University of Calgary courses. The numbering system is based upon the guidelines of this institution. You must register through the University of Calgary – fees are charged by the University of Calgary.*
Hours: 18 hrs (3-0), 6 wks
Credits: 1.5

NRSG 530 • Pathophysiology II
Prerequisite: NRSG 330, NRSG 331, NRSG 332, NRSG 352
Corequisite(s): NRSG 401, NRSG 430, NRSG 450
Building understanding of pathophysiology as it informs nursing care. *Third and Fourth Years of the Nursing program are University of Calgary courses. The numbering system is based upon the guidelines of this institution. You must register through the University of Calgary – fees are charged by the University of Calgary.*
Hours: 36 hrs (3-0) 12 wks
Credits: 3

NRSG 531 • Pathophysiology III
Prerequisite: NRSG 401, NRSG 430, NRSG 450, NRSG 530
Corequisite(s): NRSG 410
Continuation of pathophysiology as it informs nursing care. *Third and Fourth Years of the Nursing program are University of Calgary courses. The numbering system is based upon the guidelines of this institution. You must register through the University of Calgary – fees are charged by the University of Calgary.*
Hours: 36 hrs (3-0) 12 wks
Credits: 3

NRSG 550 • Acute Care Nursing Practicum II
Prerequisite: NRSG 401, NRSG 430, NRSG 450, NRSG 530
Corequisite(s): NRSG 420; AND NRSG 410, NRSG 501 OR NRSG 531 dependent on clinical placement
Building knowledge, skills, and attributes to care for adult patients in the context of tertiary care. Experiential learning that builds upon knowledge and skills associated with nursing practice with adults in acute care. Graded on a CR (Pass)/NC (Fail) basis. *Third and Fourth Years of the Nursing program are University of Calgary courses. The numbering system is based upon the guidelines of this institution. You must register through the University of Calgary – fees are charged by the University of Calgary.*
Hours: 114 hrs, 6 wks
Credits: 3

NRSG 551 • Mental Health Practicum
Prerequisite: NRSG 401, NRSG 430, NRSG 450, NRSG 530
Corequisite(s): NRSG 421; AND NRSG 410, NRSG 501 OR NRSG 531 dependent on clinical placement
An introduction to nursing practice with people experiencing mental illness in tertiary and community contexts. Experiential learning introducing knowledge and skills for nursing practice with people who experience mental illness. Graded on a CR (Pass)/NC (Fail) basis. Graded on a CR (Pass)/NC (Fail) basis. *Third and Fourth Years of the Nursing program are University of Calgary courses. The numbering system is based upon the guidelines of this institution. You must register through the University of Calgary – fees are charged by the University of Calgary.*
Hours: 114 hrs (0-19), 6 wks
Credits: 3

NRSG 552 • Care in Perinatal Practicum
Prerequisite: NRSG 401, NRSG 430, NRSG 450, NRSG 530
Corequisite(s): NRSG 520; AND NRSG 410, NRSG 501 or NRSG 531 dependent on clinical placement
A focus on nursing practice in perinatal, labour and delivery, and postpartum contexts Experiential learning introducing knowledge and skills for nursing practice with maternal and newborn populations. Graded on a CR (Pass)/NC (Fail) basis. *Third and Fourth Years of the Nursing program are University of Calgary courses. The numbering system is based upon the guidelines of this institution. You must register through the University of Calgary – fees are charged by the University of Calgary.*
Hours: 114 hrs (0-19), 6 weeks
Credits: 3

NRSG 553 • Care in Pediatrics Practicum
Prerequisite: NRSG 401, NRSG 430, NRSG 450, NRSG 530
Corequisite(s): NRSG 521; AND NRSG 410, NRSG 501 or NRSG 531 dependent on clinical placement
Learning in acute care and community pediatrics. Experiential learning introducing knowledge and skills for nursing practice with pediatric populations. Graded on a CR (Pass)/NC (Fail) basis. *Third and Fourth Years of the Nursing program are University of Calgary courses. The numbering system is based upon the guidelines of this institution. You must register through the University of Calgary – fees are charged by the University of Calgary.*
Hours: 114 hrs (0-19), 6 wks
Credits: 3

NRSG 560 • Final Preceptorship Practicum
Prerequisites: NRSG 410, NRSG 420, NRSG 421, NRSG 501, NRSG 520, NRSG 521, NRSG 531, NRSG 550, NRSG 551, NRSG 552, NRSG 553
Corequisite: NRSG 510
Preparation for entry to practice through supporting consolidation, integration, and application of students' nursing knowledge, skills, and attributes. Opportunity to refine and enact complex communication and relationship building skills, high-level assessment and clinical reasoning, nursing care planning, implementation, and evaluation. Graded on a CR (Pass)/NC (Fail) basis. *Third and Fourth Years of the Nursing program are University of Calgary courses. The numbering system is based upon the guidelines of this institution. You must register through the University of Calgary – fees are charged by the University of Calgary.*
Hours: 350 hrs (0-350), 12 wks
Credits: 12

NURS (NURSING)

NURS 541 • Using Research in Nursing Practice: Moving Evidence to Action
Prerequisites: NURS 495 & NURS 497 & NURS 498 & NURS 499
Corequisites: NURS 585 & NURS 589, plus three of NURS 544, NURS 545, NURS 546, NURS 547, NURS 549, NURS 551
Focus on implementation of evidence-informed practice in the clinical practice setting. Builds on previous course work and leads to examining strategies to become a change agent and creating a culture conducive to engaging in evidence-informed practice. *Third and Fourth Years of the Nursing program are University of Calgary courses. The numbering system is based upon the guidelines of this institution. You must register through the University of Calgary - fees are charged by the University of Calgary.*
NOTE: Students cannot receive credit for both NURS 541 and NURS 503.41.
Hours: 36 hrs (3-0) 12 wks

NURS 546 • Older Adult Nursing: Managing Complexity
Prerequisites: NURS 495 & NURS 497 & NURS 498 & NURS 499
Corequisites: NURS 585 & NURS 589, plus three of NURS 517, NURS 541, NURS 550, NURS 552, NURS 553
Develop the reasoning, knowledge and skills required to respond to the unique presentation of acute illness in older adults. The demystification of popular aging beliefs and related care practices offers students the opportunity to develop care that combines theory, best practice, research and experience in caring for individuals impacted by acute health crises as they age. *Third and Fourth Years of the Nursing program are University of Calgary courses. The numbering system is based upon the guidelines of this institution. You must register through the University of Calgary - fees are charged by the University of Calgary.*
NOTE: Students cannot receive credit for both NURS 546 and NURS 503.46.
Hours: 36 hrs (3-0) 12 wks

NURS 547 • Perinatal Nursing Care: Emerging Trends and Issues
Prerequisites: NURS 495 & NURS 497 & NURS 498 & NURS 499
Corequisites: NURS 585 & NURS 589, plus three of NURS 517, NURS 541, NURS 550, NURS 552, NURS 553
Maternity and infant health is examined within the context of the family. The role of family centered nursing addressing wellness patterns and alterations in perinatal family health will be investigated from a multisetting, 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 wk

NURS 549 • Addictions and Mental Health Care
Prerequisites: NURS 495 & NURS 497 & NURS 498 & NURS 499
Corequisites: NURS 585 & NURS 589, plus three of NURS 517, NURS 541, NURS 550, NURS 552, NURS 553
Re-conceptualizing mental health and addictions across the lifespan to prevent illness, and strengthen lifelong health and wellbeing. Critical analysis focuses on the ecological, socio-cultural, political, and complex health and illness situations with a view to furthering social justice. Core concepts include risk and resilience, brain plasticity, intergenerational transmission, cumulative burden, mental illness and addictions. Comprehensive assessment, intervention and prevention are highlighted with a view to leadership in practice. *Third and Fourth Years of the Nursing program are University of Calgary courses. The numbering system is based upon the guidelines of this institution. You must register through the University of Calgary – fees are charged by the University of Calgary.*
NOTE: Students cannot receive credit for both NURS 549 and NURS 503.49.
Hours: 36 hrs (3-0) 12 wks

NURS 551 • Rural Health
Prerequisites: NURS 495 & NURS 497 & NURS 498 & NURS 499
Corequisites: NURS 585 & NURS 589, plus three of NURS 517, NURS 541, NURS 550, NURS 552, NURS 553
Using a social determinant of health perspective, an examination and solutions to health, health care beliefs, and health care challenges of people living in rural communities, as well as the strengths of rural communities. An exploration of the implications for rural health care theory, practice, education, ethics and research as well as geographical, historical, socio-cultural, 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 550 • Promoting Health in Vulnerable Populations
Prerequisites: NURS 495, NURS 497, NURS 498, NURS 499
Corequisites: NURS 585 & NURS 589, plus one other senior NURS Option Course
Focused on the health of those facing significant barriers, such as poverty, addictions, displacement, trauma, and systemic discrimination across the lifespan. An exploration of historically significant sociopolitical factors that precede health inequities, uncover existing strengths and internal capacity, and critically examine existing strategies that seek to promote the health of selected vulnerable populations in Canada including Indigenous Peoples, immigrants and refugees, families experiencing addiction, people who are homeless, people living with disabilities, lesbian, gay, bisexual and transgender (LGBT) communities.*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 550 and NURS 503.51.
Hours: 36 hrs (3-0) 12 wks

NURS 553 • Quality Care Practices: System and Patient Safety
Prerequisites: NURS 495 & NURS 497 & NURS 498 & NURS 499
Corequisites: NURS 585 & NURS 589, plus three of NURS 544, NURS 545, NURS 546, NURS 547, NURS 549, NURS 551
Building on knowledge of nursing and interdisciplinary practice specifically in the context of the provision of safe, quality health care. The changing focus from the individual nurse/patient to the larger health care system in relationship to safe, quality care. Integration of new concepts as they relate to a system approach to patient/client safety. *Third and Fourth Years of the Nursing program are University of Calgary courses. The numbering system is based upon the guidelines of this institution. You must register through the University of Calgary - fees are charged by the University of Calgary.*
NOTE: Students cannot receive credit for both NURS 553 and NURS 503.43.
Hours: 36 hrs (3-0) 12 wks

NURS 585 • The Discipline and Profession of Nursing V:Preparing for Professional Role Transition
Prerequisites: NURS 495 & NURS 497 & NURS 498 & NURS 499
Corequisites: NURS 589 & two senior nursing course options
This course focuses on the integration of senior students into the environment of professional nursing practice with an evidence-informed emphasis on the essentials of leadership, relational and practice ethics, effective inter and intra-professional collaboration, communication and conflict management for the purpose of facilitating a healthy transition to the role of a new graduate professional nurse within a contemporary health-care climate. *Third and Fourth Years of the Nursing program are University of Calgary courses. The numbering system is based upon the guidelines of this institution. You must register through the University of Calgary - fees are charged by the University of Calgary.*
Hours: 36 hrs (3-0) 12 wks

NURS 589 • Integrating Nursing Roles and Practices V: Learning, Praxis and Scholarship in the Practicum Setting
Prerequisites: NURS 495 & NURS 497 & NURS 498 & NURS 499
Corequisites: NURS 585 & two senior nursing course options
This focused clinical experience, supported by two corequisite substantive nursing option theory courses, is aimed at refining critical thinking and competent use of theoretic frameworks and evidence to support clinical reasoning processes including: comprehensive assessment, holistic analysis and interpretation of client data, and competence and confidence in clinical decision-making. Students will choose a focused area of nursing practice. *Third and Fourth Years of the Nursing program are University of Calgary courses. The numbering system is based upon the guidelines of this institution. You must register through the University of Calgary - fees are charged by the University of Calgary.*
Hours: 228 hrs

NURS 599 • Integrating Nursing Roles and Practices VI: Transition to Nursing Practice
Prerequisites: NURS 585 & NURS 589 & Current CPR Basic Cardiac Life Support
Synthesis, application and further acquisition of knowledge, skills, and attitudes in a selected nursing practice setting. Emphasis on complexity of nursing care with clients (individuals, families, and/or aggregates). Selection of focus area will be made through consultation with faculty. Graded on a CR (Pass)/NC (Fail) basis. *Third and Fourth Years of the Nursing program are University of Calgary courses. The numbering system is based upon the guidelines of this institution. You must register through the University of Calgary - fees are charged by the University of Calgary.*
Hours: 418 hrs

NUTR (NUTRITION)

NUTR 200 • Introduction to Nutrition
An introductory course designed to provide students with a basic understanding of the role of nutrition in health, disease & fitness. The course will cover both fundamental nutrition principles and practical applications. Current topics in the field will be examined critically. The overall goal of this course is to gain an understanding of individual nutrition needs as well as those of specialized populations.
NOTE: Students cannot receive credit for both NUTR 200 and HPED 2507.
Hours: 42 hrs (3-0)
Credits: 3

OCTA (OCCUPATIONAL THERAPIST ASSISTANT)

OCTA 215 • OTA Therapeutic Processes I
Prerequisite: A minimum of a C grade in KNES 265, TAPC 111, TAPC 112 and TAPC 113
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.
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.
Hours: 84 hrs (3-3)
Credits: 4

OCTA 217 • OTA Therapeutic Processes III
Prerequisites: A minimum of a C grade in OCTA 215 & OCTA 216 & PHTA 215 & PHTA 216 & TAPC 210
This course provides a five-week fieldwork placement, which provides the opportunity to integrate theory and practice under the supervision of an Occupational Therapist. Graded on a CR (Pass)/NC (Fail) basis.
Hours: 175 hrs (0-35P) 5 wks
Credits: 4

OMGT (OFFICE MANAGEMENT)

OMGT 235 • Work Experience
Prerequisite: A CR (credit) in APRO 190, and a minimum C- grade in APRO 200, APRO 220, MGMT 220, and MKTG 251A CR (credit) in APRO 190, and a minimum C- grade in APRO 200, APRO 220, MGMT 220, and MKTG 251.
Students will complete a supervised work placement in a professional office environment, applying the administrative and management skills gained throughout the Administrative Office Management Diploma. This course provides the opportunity to integrate classroom learning with a professional workplace experience. Graded on a CR (Pass)/NC (Fail).
Hours: 240 hrs (0-30P) 8 wks
Credits: 6

OPTA (OCCUPATIONAL/PHYSICAL THERAPIST ASSISTANT)

OPTA 212 • Principles and Techniques of Client Contact
Prerequisites: A minimum of a C grade in KNES 265 & TAPC 111 & TAPC 112 & TAPC 113
This course will provide an introduction to the knowledge and practice of fundamental interventions used by occupational therapist assistants / physical therapist assistants working in rehabilitation. Topics include bed mobility, transferring, use of ambulation devices, wheelchairs, and range of motion. In-person lab attendance at Medicine Hat College.
Hours: 60 hrs (3-1.25)
Credits: 3

OPTA 217 • OTA/PTA Therapeutic Processes IV
Prerequisites: A minimum of a C grade in OCTA 215 & OCTA 216 & PHTA 215 & PHTA 216 & TAPC 210
This course provides a five-week fieldwork placement under the supervision of an Occupational Therapist and/or Physical Therapist to implement knowledge and skills of therapeutic interventions. Graded on a CR (pass) / NC (fail) basis.
Hours: 175 hrs (0-35P) 5 wks
Credits: 4

PARA (PARAMEDIC)

PARA 100 • Foundations of Paramedic Practice I
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
Prerequisites: BIOL 275 & IDST 100 & PARA 100 & PARA 120
This course is focused on enhancing the written and oral communications for those entering the paramedic profession. There will be an emphasis on medical Terminology, academic and professional writing (e.g. patient care reports) and case presentations.
Hours: 42 hrs (3-0)
Credits: 3

PARA 120 • Foundations of Paramedic Practice II
This course provides an introduction to the concepts and skills in peripheral intravenous insertion, fluid administration, introductory pharmacology and medication administration, cardiac monitoring, and ECG interpretation. Scene safety, triage, mass casualty response, communication systems, and transport techniques are also presented. Documentation, record management, and infection control procedures are also discussed.
Hours: 98 hrs (3-4)
Credits: 4

PARA 125 • Assessment and Diagnostics
Prerequisites: BIOL 275 & IDST 100 & PARA 100 & PARA 120
This course provides an introduction to a systems based approach to gathering comprehensive health data from patients. The focus is on the development of skills for effective interview, examination, and evaluation techniques and on integration of assessment finding into treatment plans for patients experiencing medical and traumatic events.
Hours: 84 hrs (3-3)
Credits: 4

PARA 130 • Introductions to Paramedic Management of Emergency Situations
Prerequisites: BIOL 275 & IDST 100 & PARA 100 & PARA 120
The focus of this course is the acquisition of knowledge and problem-solving skills essential for the care of various patient populations: scene assessment, patient management, and basic life support.
Hours: 112 hrs (4-4)
Credits: 4

PARA 145 • Introduction to Primary Care Practice
Prerequisites: BIOL 277 & IDST 100 & KNES 247 & PARA 115 & PARA 125 & PARA 130
In this course, you are placed in various rural and urban clinical settings. Your focus is on the consolidation of previous learning and on development of critical skills necessary to function effectively as a health care provider. Physical assessment, history taking, and interventions are stressed. Graded on a CR (Pass)/ NC (Fail) basis.
NOTE: If you have an EMT-A/PCP certification from a CMA accredited program you may apply for transfer credit for this course.
Hours: 56 hrs (0-28C) 2 wks
Credits: 3

PARA 150 • Primary Care Practice
Prerequisites: BIOL 277 & IDST 100 & KNES 247 & PARA 115 & PARA 125 & PARA 130
Corequisite: PARA 1458
Under the supervision of an EMS provider, you refine and expand your cognitive and practical skills. In addition, you serve as team leader for a variety of calls. Graded on a CR (Pass)/NC (Fail) basis.
NOTE: If you are from a CMA accredited program you must present proof of current employment as an EMT/PCP to apply for transfer credit.
Hours: 200 hrs (0-25P) 8 wks
Credits: 4.5

PARA 200 • Introduction to Advanced Care
Prerequisites: BIOL 277 & IDST 100 & KNES 247 & PARA 145 & PARA 150
Course enhances and builds upon existing theoretical base and on assessment and psychomotor skills to increase your depth of assessment, treatment, and communication skills.
Hours: 84 hrs (3-3)
Credits: 4

PARA 205 • Mental Health for First Responders
Prerequisites: PARA 100 & PSYC 201
The course will provide an overview of mental illness, the symptoms of the mental illnesses often presented in emergency services, and strategies for responding to with people who are experiencing symptoms of mental illnesses. The course will also provide information on work related stress, work place trauma, and self-care.
Hours: 42 hrs (3-0)
Credits: 3

PARA 210 • Advanced Critical Care Practice
Prerequisites: PARA 205 & PARA 230 & PARA 240 & PHIL 313
The focus of this 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
Prerequisites: BIOL 277 & IDST 100 & KNES 247 & PARA 150
The focus of this course is a holistic approach to pharmacology. The course is designed to enhance critical thinking between the relationship of disease process and pharmacological management.
Hours: 42 hrs (3-0)
Credits: 3

PARA 220 • Paramedic Management of Trauma and Environmental Conditions
Prerequisites: BIOL 277 & IDST 100 & KNES 247 & PARA 145 & PARA 150
The focus of this course is quick identification and treatment of life-threatening conditions, including recognition and evaluation of the mechanism of injury, performance of critical interventions, and rapid stabilization and transport.
Hours: 77 hrs (2.5-3)
Credits: 4

PARA 230 • Skills and Practice in Patient Modalities
Prerequisites: PARA 200 & PARA 215 & PARA 220 & PHSL 200
Focus of this course is the advanced skills required for patient management in medical and trauma situations. Experience will occur in lab and clinical settings. Integration and enhancement of advanced patient assessments, diagnostics, and interventions are assessed.
Hours: 84 hrs (3-3)
Credits: 4

PARA 240 • Management of Special Population Groups
Prerequisites: PARA 200 & PARA 215 & PARA 220 & PHSL 200
Focus of this course is on development of knowledge, skills, and judgment to successfully care for patients experiencing unique health care challenges and is facilitated through lab and clinical experiences. Key concepts regarding pediatric, geriatric, obstetric, psychiatric, and other special need populations are presented.
Hours: 84 hrs (3-3)
Credits: 4

PARA 300 • Advanced Care Paramedic Practice I
Prerequisite: PARA 210
You begin to integrate ALS knowledge and skills into the delivery of patient care, under the direct supervision of a practicing paramedic. Emphasis is placed on the management of a variety of emergency calls.
NOTE: You must show proof of EMT-A or PCP registration with the Alberta College of Paramedics prior to beginning the course. Graded on a CR (Pass)/NC (Fail) basis.
Hours: 500 hrs (0-36P)
Credits: 10.5

PARA 305 • Advanced Paramedic Care
Corequisite: PARA 300
Focus of this course is the management of the critically ill and injured patient. Learning concentrates on advanced cardiac life support (ACLS) techniques as well as care of the critically ill and injured pediatric patient (PALS). Management of the aeromedical patient and trauma patients are also studied.
NOTE: PALS, ACLS, ITLS & NRP certifications will be granted upon successful completion of this course.
Hours: 60 hrs (30-0) 2 wks
Credits: 3

PARA 310 • Advanced Care Paramedic Practice II
Prerequisite: PARA 305
Continue to expand on the cognitive and practical skills required of the professional paramedic, under the direct supervision of a practicing paramedic. Graded on a CR (Pass)/NC (Fail) basis.
NOTE: You may opt to exit with a diploma upon successful completion of this course.
NOTE: You are required to present registration with the ACP certification at the EMT or PCP level prior to practicum.
Hours: 500 hrs (0-36P)
Credits: 10.5

PARA 452 • EMS and the Canadian Health System
Prerequisite: Paramedic (ACP) Diploma or Certificate
This distance delivery course will introduce you to the history and development of the Canadian Health Care system. In addition, the course will extend your current understanding of health delivery systems and categories. It will also build on your present understanding of the recipients and providers of care.
Hours: 39 hrs (3-0) 13 wks
Credits: 3

PARA 453 • Community Focused Theory
Prerequisite: Paramedic (ACP) Diploma or Certificate
This course explores the concepts and models related to the focus of community as client - with an emphasis on dimensions of community and population health, health promotion perspectives, team building and partnerships, community assessment, planning and evaluation approaches, and intervention strategies.
Hours: 52 hrs (4-0) 13 wks
Credits: 3

PARA 454 • Leadership in Health Care
Prerequisite: Paramedic (ACP) Diploma or Certificate
Focus on professional and interpersonal relationships with an emphasis on leadership, interdisciplinary collaboration, and the management of EMS at the micro and macro levels.
Hours: 42 hrs (3-0)
Credits: 3

PARA 455 • Research
Prerequisite: Paramedic (ACP) Diploma or Certificate
Introduction to quantitative and qualitative research methods appropriate to health care, with an emphasis on the critique of studies for their application to practice.
NOTE: Completion of a statistics course is highly recommended.
Hours: 39 hrs (3-0) 13 wks
Credits: 3

PARA 470 • Paramedic Work Term I
Prerequisite: PARA 452, PARA 453, PARA 454, PARA 455, MGMT 243, PHIL 313, and STAT 333
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. Tuition for this course is $1,034.08 plus fees.
Hours: 4 mths (0-35P)
Credits: 15

PARA 480 • Paramedic Work Term II
Prerequisites: PARA 470
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. Tuition for this course is $1,034.08 plus fees.
Hours: 4 mths (0-35P)
Credits: 15

PECA (PRE-EMPLOYMENT CARPENTRY)

PECA 001 • Pre-Employment Carpentry
Graded on a CR (Pass)/NC (Fail) basis.
Hours: 360 hrs

PEEL (PRE-EMPLOYMENT ELECTRICAL)

PEEL 001 • Pre-Employment Electrical
Graded on a CR (Pass)/NC (Fail) basis.
Hours: 360 hrs

PEPL (PRE-EMPLOYMENT COMMON PIPE TRADES)

PEPL 001 • Pre-Employment Common Pipe Trades
Graded on a CR (Pass)/NC (Fail) basis.
Hours: 360 hrs

PEWE (PRE-EMPLOYMENT WELDING)

PEWE 001 • Pre-Employment Welding
Graded on a CR (Pass)/NC (Fail) basis.
Hours: 360 hrs

PHIL (PHILOSOPHY)

PHIL 201 • Philosophy: Knowledge and Existence
Introduction to philosophy through the discussion of selected topics such as skepticism, perception, personal identity, free will and determinism, and God.
NOTE: Students cannot receive credit for both PHIL 201 and PHIL 1101.
Hours: 42 hrs (3-0)
Credits: 3

PHIL 230 • Philosophy: Sex and Love
This course provides an introduction to philosophy through an exploration of philosophical questions about sex and love.
NOTE: Students cannot receive credit for both PHIL 230 and PHIL 1130.
Hours: 42 hrs (3-0)
Credits: 3

PHIL 248 • Ethics in the Workplace
A study of the nature of moral reasoning, of competing ethical theories, and of selected practical issues that relate to working and professional life (i.e., the relation between ethics and law, the ethics of work, professional ethics, employer-employee relations, caregiver-client relations, confidentiality, deception and truth-telling, paternalism, coercion and informed client consent, disabilities and the value of persons, et cetera). The choice of topics will depend on the program being served.
Hours: 42 hrs (3-0)
Credits: 3

PHIL 249 • Philosophy: Values and Ethics
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,and 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.
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 1101 • Philosophy: Knowledge and Existence
Introduction to philosophy through the discussion of selected topics such as skepticism, perception, personal identity, free will and determinism, and God. *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 1101 and PHIL 201.
Hours: 42 hrs (3-0)
Credits: 3

PHIL 1130 • Philosophy: Sex and Love
This course provides an introduction to philosophy through an exploration of philosophical questions about sex and love. *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 230 and PHIL 1130.
Hours: 42 hrs (3-0)
Credits: 3

PHIL 1149 • Philosophy: Values and Ethics
This course provides an introduction to philosophy through a first inquiry 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

PHRM (PHARMACY)

PHRM 100 • Introduction to Pharmacy Practice
Explore the history of pharmacy practice. Discover the role and scope of practice of the pharmacy technician within the Canadian health-care system. Examine health promotion and primary health care in relation to medication use. Explore the use of critical thinking in pharmacy practice. Learn the fundamentals of pharmacy practice related to drug development and manufacturing, drug stability, drug formulations and uses, and safe medication practices.
Hours: 42 hrs (3-0)
Credits: 3

PHRM 101 • Pharmaceutical Calculations
Learn the application of arithmetic to pharmacy calculations. Examine units of measurement, pharmacy math, calculation of medication doses, and those calculations used in the preparation of extemporaneous compounds and parenteral products.
Hours: 42 hrs (3-0)
Credits: 3

PHRM 102 • Pharmacy Law and Ethics
Examine the laws and ethics that govern health care, pharmacy practice, and the profession of pharmacy technician in Alberta. Learn the value of professionalism, the Code of Ethics, and the concept of self-regulated professions. Students will differentiate between personal and professional values and principles.
Hours: 42 hrs (3-0)
Credits: 3

PHRM 111 • Community Prescription Processing Lab
Students will learn to identify the legal requirements of a prescription and how to interpret prescription information. Commonly used drug information resources will be used to research prescribed medications. Finally, students will enter prescription information in a commonly used pharmacy software program, building speed and accuracy over the course.
Hours: 84 hrs (0-6)
Credits: 4

PHRM 113 • Community Pharmacy Practice
Learn about community pharmacy operations in relation to the roles of pharmacy personnel, security, technology, and contemporary issues in community pharmacy practice. Explore the application of federal and provincial legislation to community pharmacy services.
Hours: 42 hrs (3-0)
Credits: 4

PHRM 115 • Pharmacotherapy I
Prerequisites: PHRM 100
Examine the pathological processes that underlie infections, inflammation, and pain. Examine the diseases and disorders of the immune system, and of the skin, eyes, and ears. Study the medications used to manage and treat related medical conditions including their generic and brand names, place in therapy, mechanism of action, pharmacokinetics and pharmacodynamics, precautions, adverse effects, auxiliary labels, and other considerations as they pertain to the pharmacy technician's scope of practice.
Hours: 42 hrs (3-0)
Credits: 3

PHRM 123 • Community Pharmacy Lab
Prerequisites: IDST 100, ENGL 155, PHRM 100, PHRM 101 & PHRM 111
Corequisites: PHRM 102
Gain practical experience in applying safe and accurate medication practices in community pharmacy environments. Develop a knowledge base of frequently prescribed medications and related dosage forms while mastering basic concepts of prescription dispensing, checking, inventory management, and patient interactions. Performance evaluation is based on evidence of the attainment of skills and demonstration of professionalism throughout the lab sessions.
Hours: 84 hrs (0-6)
Credits: 4

PHRM 125 • Pharmacotherapy II
Prerequisites: PHRM 113, PHARM 115
Examine the pathological processes that underlie diseases and disorders of the endocrine, reproductive, genitourinary, and nervous systems (including mental health). Study the medications used to manage and treat related medical conditions including their generic and brand names, place in therapy, mechanism of action, pharmacokinetics and pharmacodynamics, precautions, adverse effects, auxiliary labels, and other considerations as they pertain to the pharmacy technician's scope of practice.
Hours: 42 hrs (3-0)
Credits: 3

PHRM 133 • Compounding Lab
Prerequisites: PHRM 100, PHRM 101, PHRM 111
Gain practical experience in preparing a variety of extemporaneous compounds, including liquids, suspensions, emulsions, lotions, solutions, ointments, creams, and suppositories. Learn how to competently calculate, weigh, and measure chemicals and complete records required in pharmacy practice.
Hours: 56 hrs (1-3)
Credits: 3

PHRM 201 • Institutional Prescription Processing Lab
Prerequisites: PHRM 111, PHRM 123
Corequisite: PHRM 202
Expanded knowledge in the use of pharmacy software programs. Practice order entry of prescriptions for institutionalized patients by entering the prescriptions according to simulated institutional health-care agency guidelines.
Hours: 42 hrs (0-3)
Credits: 3

PHRM 202 • Institutional Pharmacy Practice
Prerequisites: PHRM 101, PHRM 102, PHRM 111, PHRM 113
Explore the ways in which institutional pharmacy operations influence the work of pharmacy personnel and the function of drug distribution systems and pharmacy services. Study the issues that affect institutional pharmacy practice and the impact of technology and trends. Learn how federal and provincial legislation applies to institutional pharmacy services. In addition, you will learn about aseptic technique in the preparation of sterile products.
Hours: 56 hrs (3-1)
Credits: 3

PHRM 205 • Professional Practice for Pharmacy Technicians
Prerequisites: IDST 100, ENGL 155, PHRM 100, PHRM 102
Examine the continuing education responsibilities of the pharmacy technician in the profession and practice of pharmacy. Utilizing patient-centred communication skills, learn to describe and demonstrate accurate and safe patient teaching for the use of common medical devices and aids. Demonstrate several point-of-care testing (POCT) procedures for optimizing patient care and consider POCT needs and challenges, including storage, waste management, test parameters, and standard operating procedures.
Hours: 32 hrs (1-1)
Credits: 3

PHRM 206 • Medication Safety and Risk Management
Prerequisites: IDST 100, ENGL 155, PHRM 100,PHRM 115, PHRM 125 and PHRM 202
Examine safe medication practices and risk-management strategies designed to reduce the occurrence of medication incidents while supporting zero-tolerance for errors, effective reporting and disclosure, and the development of a just culture of patient safety in all pharmacy environments. Explore the medication reconciliation process and its impact on patient safety.
Hours: 42 hrs (3-0)
Credits: 3

PHRM 207 • Integrated Skills for Pharmacy Technician
Prerequisites: Successful completion of all first year and second year Semester One courses
Corequisites: PHRM 206, PHRM 208, PHRM 233, and PHRM 253
Integrate theory and hands-on lab skills from throughout the pharmacy technician diploma program as you prepare for clinical placement in the program and a career as a pharmacy technician.
Hours: 42 hrs (1-2)
Credits: 3

PHRM 208 • Non-prescription and Complementary Therapies
Prerequisites: PHRM 205 and PHRM 235
Examine the role of the pharmacy technician in assisting patients with non-prescription medication and complementary therapy information. Emphasis is placed on the demonstration of appropriate communication and interview strategies within the scope of practice.
Hours: 42 hrs (2-1)
Credits: 3

PHRM 210 • Community Practicum
Prerequisites: Successful completion of both years 1 and 2 PHRM courses
Gain practical experience applying the knowledge and skills of a pharmacy technician in a community pharmacy setting. Students are preceptored in a community pharmacy for four consecutive weeks (20 days/160 hours). Some evening or weekend shifts may be required.
Hours: 160 hrs (0-40P) 4wks
Credits: 4

PHRM 220 • Institutional Practicum
Prerequisites: Successful completion of both years 1 and 2 PHRM courses
Gain practical experience applying the knowledge and skills of a pharmacy technician in an institutional pharmacy setting. Students are preceptored in an institutional pharmacy for five consecutive weeks (25 days/200 hours). Some evening or weekend shifts may be required.
Hours: 200 hrs (0-40P) 5 wks
Credits: 4.5

PHRM 233 • Institutional Pharmacy Lab
Prerequisites: PHRM 133, PHRM 201, PHRM 202 and PHRM 235
Gain practical experience in applying safe and accurate medication practices in institutional pharmacy environments. Develop a knowledge base of frequently prescribed medications and related dosage forms while mastering basic concepts of prescription dispensing and checking in a variety of drug distribution systems. Performance evaluation is based on evidence of the attainment of skills and demonstration of professionalism throughout the lab sessions.
Hours: 56 hrs (0-4)
Credits: 3

PHRM 235 • Pharmacotherapy III
Prerequisites: PHRM 115, PHRM 125
Examine the pathological processes that underlie diseases and disorders of the cardiovascular, musculoskeletal, respiratory system, and gastrointestinal systems (including nutrition). Study the medications used to manage and treat related medical conditions including their generic and brand names, place in therapy, mechanism of action, pharmacokinetics and pharmacodynamics, precautions, adverse effects, auxiliary labels, and other considerations as they pertain to the pharmacy technician's scope of practice.
Hours: 42 hrs (3-0)
Credits: 3

PHRM 253 • Sterile Products Lab
Prerequisites: PHRM 123, PHRM 201, PHRM 202, PHRM 235
Pharmacy Technician students apply previous knowledge in the preparation of sterile products, including parenteral medication. They develop competency in the skills required by pharmacy technicians for sterile products: basic aseptic techniques, accuracy, record keeping, and strict adherence to protocol.
Hours: 56 hrs (0-4)
Credits: 3

PHSL (PHYSIOLOGY)

PHSL 200 • Pathophysiology
Prerequisites: PARA 150 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.
Hours: 84 hrs (3-3)
Credits: 4

PHTA 216 • PTA Therapeutic Processes II
Prerequisite: A minimum of a C grade in KNES 265, TAPC 111, TAPC 112 and TAPC 113
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.
Hours: 84 hrs (3-3)
Credits: 4

PHTA 217 • PTA Therapeutic Processes III
Prerequisites: A minimum of a C grade in OCTA 215 & OCTA 216 & PHTA 215 & PHTA 216 & TAPC 210
A five-week fieldwork placement under the supervision of a Physical Therapist aimed at furthering the working knowledge of and practice with therapeutic modalities common in physiotherapy practice. Graded on a CR (Pass)/NC (Fail) basis.
Hours: 175 hrs (0-35P) 5 wks
Credits: 4

PHYL (PHYSICAL LITERACY)

PHYL 2520 • Introductory and Intermediate Coaching
This course introduces students to philosophy, making ethical decisions, teaching and learning, practice planning, growth and development, basic mental skills, designing a basic sport program and training methods as it pertains to coaching. Students will be introduced to the material included in the National Coaching Certification Program Part A and Part B of the Multi- Sport Competition Introduction Stream and the Long-Semester Athlete Development Model. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.*
NOTE: Students cannot receive credit for both PHYL 2520 and KNES 260.
Hours: 42 hrs (3-0)
Credits: 3

PHYL 3320 • Adapted Physical Activity
This course provides an examination of specific problems within the psychomotor domain and the related delivery systems for their identification and amelioration. This is an applied course that focuses on the issues and challenges of providing physical activity experiences for persons with a disability. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.*
NOTE: Students cannot receive credit for both PHYL 3320 and KNES 240.
Hours: 56 hrs (3-0)
Credits: 3

PHYL 3510 • Sport & Exercise Psychology
Prerequisite: Any 200-level PSYC
The aim of exercise psychology is to understand psychological influences behind exercise behaviour and to encourage healthy choices. In this course students will identify barriers to and opportunities for healthy behaviour from a psycho-social lens. Students will learn behaviour change theories to improve, reinforce and adhere to healthy behaviour. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.*
NOTE: Students cannot receive credit for both PHYL 3510 and KNES 206.
Hours: 42 hrs (3-0)
Credits: 3

PHYS (PHYSICS)

PHYS 0020 • Physics 20
Recommended Prerequisite: 55% or higher in Science 10
This course follows the Alberta Education Curriculum for Physics 20. This course is delivered in partnership with Coulee Collegiate and Sunrise Collegiate.
NOTE: 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.
NOTE: Students cannot receive credit for PHYS 0030 and PHYS 030.
Hours: 120.45 hrs (6.6-2T)
Credits: 4

PHYS 101 • How Things Work
Focuses on the underlying principles governing everyday devices and systems, exploring fundamental physics concepts. Investigate real-world occurrences, analyze data, and communicate findings effectively, encouraging a curiosity for scientific inquiry and problem-solving. It Emphasizes practical application, dissecting the mechanisms that drive everyday objects.
Hours: 42 hrs (3-0)
Credits: 3

PHYS 241 • Physics I
Prerequisite: MATH 30-1
Recommended Background: PHYS 30
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

PLAB (POWER ENGINEERING LAB)

PLAB 116 • First Lab
Prerequisite: Acceptance into the Power Engineering Technology program
Introductory lab focusing on safety, tool use, water treatment and industrial steam plant equipment.
Hours: 80 hrs (0-7.3) 11 wks
Credits: 4

PLAB 117 • Second Lab
Prerequisite: PLAB 116
Operation of industrial steam plant equipment.
Hours: 88 hrs (0-8) 11 wks
Credits: 4

PLAB 118 • Third Lab
Prerequisites: PLAB 117 & ABSA Fourth Class Certificate of Competency (or other regulatory body equivalent certificate)
An intermediate lab which increases the student's competency in operating industrial steam plant equipment.
Hours: 72 hrs (0-6.55) 11 wks
Credits: 4

PLAB 201 • Power Lab Transition
This transition course will familiarize (or refamiliarize) you with the EnCana Power Engineering Training Centre to prepare you for PLAB 219. You will be required to trace and sketch all systems, including: make-up water, feedwater, steam, condensate, cooling water, and chemical feed systems. You will be required to review all operating procedures and control systems for each operating system. This course is required if you have not successfully completed PLAB 118 at Medicine Hat College.
Hours: 14 hrs (0-3.5) 4 wks
Credits: 1

PLAB 219 • Fourth Lab
Prerequisites: PLAB 118 or PLAB 201 (in special circumstances ONLY) & ABSA Fourth Class Certificate of Competency (or other regulatory body equivalent certificate)
An advanced level lab which increases the student's skills in plant operation, with a focus on troubleshooting.
Hours: 128 hrs (0-8) 16 wks
Credits: 4

PLAC (POWER ENGINEERING PLACEMENT)

PLAC 111 • Work Practicum
Prerequisite: PLAB 116 & POWE 161 & POWE 162 & POWE 163 or permission of the Dean AND must possess a valid First Aid with CPR and WHMIS
This course is designed to provide you with 80 hrs of unpaid industrial work experience. Upon successful completion of PLAC 111 and all other first year courses, you will be eligible to write the Fourth Class Part B ABSA exams. Graded on a CR (Pass)/NC (Fail) basis.
Hours: 80 hrs (0-40F) 2 wks
Credits: 3

PLSC (POLITICAL SCIENCE)

PLSC 1101 • Introduction to Government and Politics
This course provides a systematic introduction to the basic concepts and institutions of the process of politics. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.*
NOTE: Students cannot receive credit for both PLSC 1101 and POLI 201.
Hours: 42 hrs (3-0)
Credits: 3

PMAT (PURE MATH)

PMAT 315 • Abstract Algebra
Prerequisite: MATH 221
This course features integers - division algorithm, prime factorization; groups - permutations, Lagrange's theorem; and rings - congruences, polynomials. This course is available as an independent study course. For more information, consult the Dean of Science.
Hours: 56 hrs (3-1T)
Credits: 3

POLI (POLITICAL SCIENCE)

POLI 201 • Introduction to Government and Politics
The focus of this course is a systematic introduction to the basic concepts and institutions of the process of politics. Course studies the relationship among man, society and the states; examines key political ideologies and explores different political systems and structures.
NOTE: Students cannot receive credit for both POLI 201 and PLSC 1101.
Hours: 42 hrs (3-0)
Credits: 3

POLI 223 • Conflict and Unity: Canadian Issues
Course examines topics in Canadian politics such as federalism and regionalism, the place of Quebec in Confederation, the Charter of Rights, class conflict and immigration, and foreign policy.
Hours: 42 hrs (3-0)
Credits: 3

POLI 311 • History of Political Thought
This course provides an introduction to some of the most profound attempts to think about the meaning, limits, and possibilities of political life through an examination of selected texts within the later history of Western political philosophy.
Hours: 42 hrs (3-0)
Credits: 3

POWE (POWER ENGINEERING)

POWE 151 • Intermediate Mechanics and Thermodynamics
Prerequisite: POWE 161
An intermediate level study of applied mechanics and thermodynamics.
Hours: 84 hrs (7.64-0) 11 wks
Credits: 4

POWE 152 • Metallurgy
Prerequisite: POWE 162
Metallurgy, corrosion, and chemistry fundamentals will be discussed as they pertain to power engineering. This course will also provide an intermediate level study of legislation, safety and fire protection systems.
Hours: 58 hrs (5.45-0) 11 wks
Credits: 3

POWE 153 • Codes and Drawings
Prerequisite: Acceptance into Power Engineering Technology
The student will take a more in depth look at industrial drawings. Code calculations, piping, traps and valves will also be discussed.
Hours: 58 hrs (5.45-0) 11 wks
Credits: 3

POWE 154 • Intermediate Electricity and Instrumentation
Prerequisite: POWE 162
An intermediate level study of electrical and instrumentation theory.
Hours: 80 hrs (7.64-0) 11 wks
Credits: 4

POWE 161 • Introductory Mechanics & Thermodynamics, Legislation and Safety
Prerequisite: Acceptance into Power Engineering Technology
This course will provide the student with an introduction to applied mathematics, mechanics, and thermodynamics. It will also cover legislation and safety.
Hours: 70 hrs (7-0) 10 wks
Credits: 4

POWE 162 • Introductory Electricity and Instrumentation, Materials, Welding and Safety
Prerequisite: Acceptance into Power Engineering Technology
An introduction to electricity and instrumentation, safety, materials, welding and piping.
Hours: 80 hrs (8-0) 10 wks
Credits: 4

POWE 163 • Introduction to Boilers, Environment and Communication
Prerequisite: Acceptance into Power Engineering Technology
This is an introductory course focusing on boiler design, fittings, operation and combustion. Environment and communication will also be discussed.
Hours: 80 hrs (8-0) 10 wks
Credits: 4

POWE 166 • Lubrication, Pumps, Compressor, Boiler Safety and Operation
Prerequisite: Acceptance into Power Engineering Technology
This course will Introduce lubrication, compressors and pumps. Boiler safety and operation will be discussed.
Hours: 90 hrs (7.5-0) 12 wks
Credits: 4

POWE 167 • Maintenance, Water Treatment, Prime Movers/ Engines and Auxiliary Building Systems
Prerequisite: Acceptance into Power Engineering Technology
An introduction to maintenance, water treatment, prime movers, engines and auxiliary building systems.
Hours: 90 hrs (7.5-0) 12 wks
Credits: 4

POWE 168 • Refrigeration and Air Conditioning and Types of Plants
Prerequisite: Acceptance into Power Engineering Technology
This course focuses on refrigeration and air conditioning. Different types of plants will also be discussed.
Hours: 90 hrs (7.5-0) 12 wks
Credits: 4

POWE 260 • Intermediate Boilers
Prerequisite: POWE 143 or POWE 163 and POWE 166
This is an intermediate course focusing on boiler design, construction, and operation. Plant operation and maintenance will also be discussed.
Hours: 96 hrs (6-0) 16 wks
Credits: 4

POWE 261 • Intermediate Prime Movers
Prerequisite: POWE 146 or POWE 167, and POWE 166
An intermediate course on turbines, internal combustion engines, and compressors.
Hours: 96 hrs (6-0) 16 wks
Credits: 4

POWE 262 • Water Treatment and Special Equipment
Prerequisite: POWE 143 or POWE 167, POWE 166, POWE 168
This course focuses on water treatment, refrigeration, pumps, and special industrial equipment.
Hours: 96 hrs (6-0) 16 wks
Credits: 4

POWE 265 • Advanced Boilers
Prerequisite: POWE 260
An advanced level course on boilers and legislation.
Hours: 60 hrs (3.75-0) 16 wks
Credits: 3

POWE 266 • Advanced Pumps and Water Treatment
Prerequisite: POWE 261 and POWE 262
An advanced level course on pumps and water treatment.
Hours: 60 hrs (3.75-0) 16 wks
Credits: 3

POWE 270 • Advanced Codes
Prerequisite: POWE 153
An advanced level code calculations course.
Hours: 60 hrs (3.75-0) 16 wks
Credits: 3

POWE 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

POWE 282 • Power Engineering Report
Prerequisite: PLAB 219, must have a 4th Class Power Engineering Ticket
Create a formal technical report on a power engineering topic. Learn to gather and interpret technical information related to power systems, equipment, operations, and safety, and then communicate findings with clarity, accuracy, and appropriate technical style. Emphasis is placed on report structure, integrating visuals and data, using precise engineering language, and applying effective writing and revision strategies to produce a professional technical document relevant to the power engineering field.
Hours: 56 (2-2)
Credits: 3

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, and simulation-based experience utilizing the underlying theoretical principles, students will begin to develop psychomotor nursing skills to provide safe, competent care.
Hours: 84 hrs (3-3) 14 wks
Credits: 4

PRNU 158 • Clinical Experience I - Continuing Care
Prerequisites: BIOL 152 & PSYC 153 & PRNU 156
This course will provide the student with hands-on experience in a continuing care facility. The schedule for this clinical experience will be at the discretion of the clinical instructor. Graded on a CR (Pass)/NC (Fail) basis.
Hours: 78 hrs (0-39C) 2 wks
Credits: 4

PRNU 160 • Adult Health Assessment Theory and Lab
Prerequisite: PRNU 158
This course emphasizes the application of anatomy and physiology knowledge to the skill of conducting comprehensive adult health assessments. Students will learn to differentiate between typical and atypical findings and understand the implications of these results. Through a combination of theoretical instruction, laboratory practice, and simulation-based experiences, students will develop the knowledge and critical thinking skills necessary to demonstrate competence in physical health assessment.
Hours: 60 hrs (1.5 - 3.46) 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 164 • Pathophysiology
Prerequisites: 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) 13 wks
Credits: 3

PRNU 166 • Nursing Theory II and Nursing Science Lab II
Prerequisite: PRNU 158
Holistic nursing care (developmental, psychological, sociocultural and spiritual) and skills are emphasized within the framework of the nursing process. Focus is on the principles underlying nursing actions, adult physical assessment, health promotion and integration of concepts from other courses. In the nursing skills lab, learners, utilizing the underlying theoretical principles will develop psychomotor nursing skills to provide safe, competent care to clients with multiple health care issues. This course builds on the knowledge and nursing therapeutics introduced in previous courses. Diversity, culture and spiritual needs are incorporated into caring for clients.
Hours: 80 hrs (4.6-1.5) 13 wks
Credits: 4

PRNU 168 • Clinical Experience II - Continuing & Acute Care
Prerequisites: PRNU 160 & PRNU 162 & PRNU 164 & PRNU 166
The focus of this second clinical experience is the practical nurse's role in both continuing care and acute care settings. During this time, the student will be assigned to specific clients and expected to research adequately to provide safe, organized nursing care. Graded on a CR (Pass)/NC (Fail) basis.
Hours: 155 hrs (0-38.8C) 4 wks
Credits: 6

PRNU 200 • Nursing Theory III & Nursing Science Lab III
Prerequisite: PRNU 168
Care of clients in acute care settings, preoperative surgical specialties, emergency care, palliative care, rehabilitation and community clinical based care. The emphasis is on critical thinking within the framework of the nursing process. The course focuses on the principles and rationale underlying nursing actions utilizing a problem solving approach, integrated multi-system assessment of clients with complex needs. Discharge planning and assisting the client to transition to community settings will also be included, integrating knowledge from previous courses. In the nursing skills lab, and in simulation-based experiences 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 (3.5-6.5) 12 wks
Credits: 4

PRNU 201 • Maternal and Newborn Theory and Lab
Prerequisite: PRNU 168
A family-centered introduction to the needs and nursing care of childbearing families. This course focuses on assessment, monitoring, patient teaching for the care of the mother and infant during pregnancy, labor and delivery and the postpartum period. In maternity lab, learners will develop nursing skills to provide safe competent care for both mother and newborn.
Hours: 50 hrs (3.33-0.83) 12 wks
Credits: 3

PRNU 203 • Mental Health and Addiction
Prerequisite: PRNU 168
This course provides an introduction to the assessment and treatment of clients with psychiatric/mental health issues. The course includes basic mental health concepts, therapeutic relationships, assessment strategies and the nursing process, legal and ethical practices, mental health, addiction issues, and treatments.
Hours: 40 hrs (3.33 - 0) 12 wks
Credits: 3

PRNU 204 • Clinical Experience III - Acute Care
Prerequisites: PRNU 200 & PRNU 201 & PRNU 203 & PRNU 205
The focus of this third clinical experience will be the practical nurse's role in the acute care setting. During this time, the student will be assigned to specific clients and expected to research adequately to provide safe, organized nursing care. The focus of care is to assist people who have had surgery or have multiple medical problems. Working with a variety of health team members, assessment and communication with clients and staff will be stressed. Graded on a CR (Pass)/NC (Fail) basis.
Hours: 230 hrs (33) 7 wks
Credits: 10.5

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: 40 hrs (10-0) 4 wks
Credits: 3

PRNU 209 • Community Health Theory
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.
Hours: 40 hrs (10-0) 4 wks
Credits: 3

PRNU 215 • Final Practicum
Prerequisite: PRNU 208 & PRNU 209
This course will provide an opportunity to apply nursing knowledge and skills within a variety of settings. Eighty hours will be spent in a leadership role in a continuing care facility and 220 hours will be spent on a medical/surgical nursing unit, giving the student the opportunity to apply nursing knowledge and skills into practice. In each component, the student nurse will experience a more independent role while mentored by a Licensed Practical Nurse who acts as a resource to assist the student to achieve his/her goals. Graded on a CR (Pass)/NC (Fail) basis.
Hours: 300 hrs (0 - 33P) 9 wks
Credits: 6

PROG (PROGRAMMING)

PROG 210 • Systems Analysis and Design
Prerequisite: ITEC 145
This course covers tools, techniques and methods used by system analysts in the workplace to achieve workable computer solutions for a wide range of problems. Topics include hardware/software/network planning; requirements analysis; feasibility study and research; cost benefit analysis; hardware/software evaluation; design of custom applications; database design; and user interface design. Assignments and case studies used provide practice with the above concepts.
Hours: 70 hrs (2-3)
Credits: 4

PROG 225 • Intermediate Programming
Prerequisite: ITEC 145
Building on two prior programming courses, you will gain an in-depth grounding in object-oriented programming concepts and practices. Topics include class and interface design, the principles of encapsulation, inheritance and polymorphism, components generics, delegates, unit testing, etc. In the labs, you construct and test your own classes and DLL's as well as continue to enlarge your familiarity with various framework objects.
Hours: 70 hrs (2-3)
Credits: 4

PROG 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: 42 hrs (3-0) 14 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.
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
Prerequisite: Any 200-level Psychology
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.
NOTE: Students cannot receive credit for both PSYC 330 and PSYC 3301
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 • Psychopathology
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 399 • Topics in Psychology
Prerequisite: Any 200-level Psychology
This course is a detailed examination of a topic or tradition in psychology. 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

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. This course is a Mt. Royal University Course for students in their Third or Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.
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 • Psychopathology
Prerequisite: Any 200-level or 1000-level Psychology
This senior-level course is a survey of the symptoms, causes and treatment of psychological disorders as they occur across the lifespan. Through lecture,videos and in-class applied exercises, students will consider the experience of psychological abnormality and study contemporary methods used in clinical diagnosis and intervention. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.*
NOTE: Students cannot receive credit for both PSYC 2285 and PSYC 385.
Hours: 42 hrs (3-0)
Credits: 3

PSYC 3301 • Learning and Behaviour
Prerequisite: Any 200-level or 1000-level Psychology
This course includes topics in the field of learning and behaviour such as classical and operant contingencies, experimental methodologies, and critical scientific thinking skills. The course will also focus on the application of learning theory to a variety of real-world situations related to behavior modification, behavioral economics, and addiction. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.*
NOTE: Students cannot receive credit for both PSYC 3301 and PSYC 330.
Hours: 42 hrs (3-0)
Credits: 3

PSYC 3351 • Topics in Child Development
Prerequisite: Any 200-level or 1000-level Psychology
This course focuses on psychological development from conception through childhood and adolescence, examining such topics as the development of cognition, emotion, identity, moral thinking, and psychosocial abilities. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.*
NOTE: Students cannot receive credit for both PSYC 3351 and PSYC 351.
Hours: 42 hrs (3-0)
Credits: 3

PSYC 3355 • Topics in Adolescence
Prerequisite: Any 200-level or 1000-level Psychology
This course emphasizes the biological, cognitive, social and emotional changes that occur within adolescent development. It investigates the impact of various contexts (family, peers, school, etc) on developmental outcomes. Topics include the transitory difficulties and psychosocial problems that may arise during this period as well as cultural and historical aspects of development. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.*
NOTE: Students cannot receive credit for both PSYC 3355 and PSYC 357.
Hours: 42 hrs (3-0)
Credits: 3

RELI (RELIGIOUS STUDIES)

RELI 201 • World Religions: Western
This course is an introduction to Western religions including Judaism, Christianity and Islam.
NOTE: Students cannot receive credit for both RELI 201 and RELS 1101.
Hours: 42 hrs (3-0)
Credits: 3

RELI 203 • World Religions: Eastern
This course is an introduction to Eastern religions such as Hinduism, Sikhism, Jainism, Buddhism, Confucianism, Daoism, and Shinto.
NOTE: Students cannot receive credit for both RELI 203 and RELS 1103.
Hours: 42 hrs (3-0)
Credits: 3

RELI 205 • Why Religion Matters
Introduction to the study of religion that relates religious traditions to contemporary thought and culture.
NOTE: Students cannot receive credit for both RELI 205 and RELS 1105.
Hours: 42 hrs (3-0)
Credits: 3

RELS (RELIGIOUS STUDIES)

RELS 1101 • World Religions: Western
This course is an introduction to Western religions including Judaism, Christianity and Islam. *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 RELS 1101 and RELI 201.
Hours: 42 hrs (3-0)
Credits: 3

RELS 1103 • World Religions: Eastern
This course is an introduction to Eastern religions such as Hinduism, Sikhism, Jainism, Buddhism, Confucianism, Daoism, and Shinto. *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 RELI 203 and RELS 1103.
Hours: 42 hrs (3-0)
Credits: 3

RELS 1105 • Why Religion Matters
An introduction to the study of religion that relates religious traditions to contemporary thought 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 RELS 1105 and RELI 205.
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.
NOTE: 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.
NOTE: 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.
NOTE: Students cannot receive credit for SCIE 0030 and SCIE 030.
Hours: 120.45 hrs (6.6-2T)
Credits: 4

SEMM (SPORT & EVENT MARKETING & MANAGEMENT)

SEMM 171 • Introduction to Marketing
Introductory look at the concepts and activities involved in the marketing of sport and entertainment events. Central to the course is understanding the marketing mix variables of product, pricing, promotion, and distribution. Other topics include consumer behavior, marketing research, and the strategic marketing process.
NOTE: Students cannot receive credit for both MKTG 171 and SEMM 171 toward the completion of the Sport & Event Marketing and Management program.
Hours: 42 hrs (3-0)
Credits: 3

SEMM 201 • Introduction to Sport and Event Management
This course is an analysis of effective management strategies and the body of knowledge associated with pursuing a career in sport and event management. It also introduces the student to sport management career opportunities and to sport principles as they apply to management, leadership style, communication, motivation and entrepreneurship.
Hours: 42 hrs (3-0)
Credits: 3

SEMM 221 • Sport and Event Marketing
Prerequisite: SEMM 171
This course introduces students to some of the skills necessary to effectively market a sporting event. Students will learn how to develop a plan to pursue relevant markets including attendees, competitors and sponsors. In addition, students will be exposed to business concepts such as product development, market opportunities and marketing plans.
Hours: 42 hrs (3-0)
Credits: 3

SEMM 241 • Event Content, Design, and Application
Prerequisite: SEMM 325
An introduction to the principles of good design and how it applies to marketing. Students will work on identifying the design requirements for logos, ad content, websites, banners, and collateral materials for events. Students will be expected to create functioning web content and effective application of social media material to support a project or event.
Hours: 42 hrs (3-0)
Credits: 3

SEMM 251 • Sport and Event Sponsorship and Fundraising
Prerequisites: SEMM 200 or ACCT 200 & COMM 140 & SEMM 325
This course focuses on strategies used for generating event revenue through fund raising and sport and event sponsorship. You will be introduced to the concept of sponsorship and the process of meeting organization and sponsor needs in the sport industry. Marketing concepts will be adapted to meet the specific needs of sponsorship and fund-raising campaigns and events. Relevant management strategies will be examined. Trends, issues and innovations in fund raising and sponsorship will be explored.
Hours: 42 hrs (3-0)
Credits: 3

SEMM 271 • Digital Marketing
Prerequisite: SEMM 171
This course engages students in the constantly changing nature of digital marketing and social media. It examines the leading edge of technology and practice and how it impacts on a whole range of other disciplines, such as traditional marketing, management, international business and business strategy. It also exposes students to key concepts and theories relating to online communities and social networking. It covers the development of effective social media engagement strategies such as social media user behavior, online community and personalization.
NOTE: Students cannot receive credit for both MKTG 271 and SEMM 271 toward the completion of the Sport & Event Marketing and Management program.
Hours: 42 hrs (3-0)
Credits: 3

SEMM 311 • Global Marketing of Sports
Prerequisites: SEMM 161 or MGMT 161 & SEMM 201
This course provides learners with a fundamental understanding of the characteristics and marketing strategies related to two key global industries, sports and entertainment. This course will provide students the marketing and management strategies necessary to manage international and professional events. Students will acquire the knowledge and skills to organize, plan, and control sports and entertainment events while maintaining the highest levels of ethics at an international level.
Hours: 42 hrs (3-0)
Credits: 3

SEMM 315 • Persuasion in Event Management
Prerequisite: SEMM 171
Sport and Event Marketing and Management ultimately hinges on the ability to comprehend human motivation in order to understand the attitudes and behaviors of people and organizations. In this course, students investigate the theory and practice of persuasion, learning to use these concepts to develop persuasive and compelling stories in visual, verbal and written formats.
NOTE: 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 • Esports Management
Prerequisites: SEMM 395 or MGMT 395 & SEMM 251
This course provides an overview of the essential components in the building, managing and closing of esports events and projects. Students will learn the techniques used to analyze and assess and categorize risks that come with planning an esports project or event. They will learn how to manage stakeholders and how to distinguish expectations in relation to scheduled tasks and budgets.
Hours: 42 hrs (3-0)
Credits: 3

SEMM 351 • Sport Event Media and Public Relations
Prerequisite: SEMM 251
This course provides hands-on training in the tools and technology of sport event PR combined with an examination of the public's relationship with athletes and sports. This course provides strategies and tactics for brand awareness, media management, message recall, and the examination of established and emerging media in the digital environment. It will increase your knowledge and perspective on the world of sports media and public relations.
Hours: 42 hrs (3-0)
Credits: 3

SEMM 355 • Brand Marketing
Prerequisites: SEMM 171 or SEMM 315
Meaningful sport and event marketing campaigns are developed through a transdisciplinary, rigorous, and creatively-driven process. In this course, students are immersed in the deconstruction, critique and reconstruction of the creative and emotional potential of existing marketing assets. Using Brand Intelligence tools and techniques, student then reframe, redesign, rewrite and develop new narrative elements for extraordinary advertising and promotion campaigns.
NOTE: Students cannot receive credit for both MKTG 355 and SEMM 355 toward the completion of the Sport & Event Marketing and Management program.
Hours: 42 hrs (3-0)
Credits: 3

SEMM 371 • Sport Event Management Project
Prerequisite: SEMM 251
This course provides students with an opportunity to synthesize and apply learning from the program elements to a project of their choosing. There is scope within this module for students to undertake a broad range of sport project types, including consultancy, business analysis, business development, or academic study.
Hours: 42 hrs (3-0)
Credits: 3

SEMM 391 • Sport and Event Marketing and Management Work Integrated Learning
Prerequisites: SEMM 351 & SEMM 371
This experiential learning experience will put students field of study knowledge and skills into practice. Students find a placement with support from the business placement advisor who maintains a roster of placement opportunities and provides students with direction and assistance in the development of resumés and job search techniques. Graded on CR(pass)/NC(fail) basis.
Hours: 236 hrs (0-30P) 8 wks
Credits: 6

SESP (SUSTAINABLE ENERGY)

SESP 110 • Strategic Communication
This course provides the student with the ability to build consensus and communicate insights via a variety of mediums. Developing your communication skills is necessary to succeed in all organizations and is required for many positions. Being strategic the way we deliver are required to provide the insights and technical and strategic communications to decision-makers.
Hours: 42 hrs (6-0) 7 wks
Credits: 3

SESP 111 • The Energy System
Students will explore the parts of a system and their relationships. Students will work with multiple case studies to identify the causal loop (feedback) diagram for its system.
Hours: 42 hrs (6-0) 7 wks
Credits: 3

SESP 112 • Energy Generation & Consumption
In this course students will be able to understand the principles behind various types of energy generation including renewable energy sources and to understand the principles influencing energy consumption in our buildings and our built environment.
Hours: 40 hrs (5-0) 8 wks
Credits: 3

SESP 119 • Applied Learning Field Placement I
This first experiential learning field placement provides learners with an opportunity to put their field of study knowledge into practice. Learners find a placement with support from the industry placement advisor who maintains a roster of placement opportunities with our strategic partners.
Hours: 240 hrs (0-30P) 8 wks
Credits: 6

SESP 120 • Procurement & Management
The course is designed to help participants manage the procurement aspects of projects. Topics covered include planning the procurement process, developing procurement Scope of Works, Request for Proposal (RFP), supplier selection, competitive bidding, price negotiation, teaming arrangements and subcontractor management. Managing procurement risks is given in-depth treatment. The related legal aspects of project procurement are also covered.
Hours: 42 hrs (6-0) 7 wks
Credits: 3

SESP 121 • Energy Ecosystems
In this course students will explore various ecosystems to realize the parts of an ecosystem and their relationships. Using feedback loops and systems thinking tools, students will learn to simulate a balanced ecosystem.
Hours: 42 hrs (6-0) 7 wks
Credits: 3

SESP 122 • Codes & Contracts
In this course students will explore and critique the professional codes, standards that influence the construction of our energy systems. The course also covers selecting the proper contract type and explains the strengths and weaknesses of all possible contract approaches.
Hours: 40 hrs (5-0) 7 wks
Credits: 3

SESP 129 • Applied Learning Field Placement 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 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 2131 • Classical Sociological Theory
Prerequisite: SOCI 201 or SLGY 1101
This course offers students an overview of the development of sociological theory with emphasis on the period from the nineteenth century to the Second World War. Theorists such as Marx, Durkheim and Weber will be reviewed and analyzed. *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 SOCI 301 and SLGY 2131.
HOURS: 42 hrs (3-0)
Credits: 3

SLGY 2229 • Crime and Society
Prerequisite: SOCI 201 or SLGY 1101
This course serves as an introduction to the sociological study of crime. The goal is to critically assess crime as it intersects with race, class, and gender. Students will become familiar with classical and contemporary theories of crime as well as strategies toward rehabilitation or social change. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.*
NOTE: Students cannot receive credit for both SLGY 2229 and SOCI 225.
Hours: 42 hrs (3-0)
Credits: 3

SLGY 2233 • Sociology of Gender
Gender operates on four dimensions in Canadian society: within individuals; through interaction with others; in the features of social institutions such as work, law, and family; and in the norms and values that shape the socio-cultural landscape. This course will introduce students to gender on each of these dimensions. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.*
NOTE: Students cannot receive credit for both SLGY 2233 and GNST 300.
Hours: 42 hrs (3-0)
Credits: 3

SLGY 2271 • Sociology of Families
Prerequisite: SOCI 201 or SLGY 1101
This course offers a sociological investigation into families. The focus will be on theories of family and the social history of families. Some specific topics covered include the structure and function of families, family systems, family life stages (dating, marriage, parenting and old age), diverse family forms, and problems in family life such as violence and divorce. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.*
NOTE: Students cannot receive credit for both SLGY 2271 and SOCI 371.
Hours: 42 hrs (3-0)
Credits: 3

SLPA (SPEECH LANGUAGE PATHOLOGIST ASSISTANT)

SLPA 160 • Introduction to American Sign Language
Introduction to American Sign Language (ASL) which is the official language of the Deaf community in Canada and the United States. ASL has its own unique grammar and sentence structure. Learn about Deaf culture and history while developing basic vocabulary, fingerspelling, facial expressions, and receptive and expressive skills to communicate with persons who are Deaf. Any student, including those outside the SLPA program, is invited to take this course.
Hours: 70 hrs (0-7) 10 wks
Credits: 4

SLPA 206 • SLPA Therapeutic Processes IV
Prerequisites: A minimum of a C grade in AUDA 212 & SLPA 215 & SLPA 216 & SLPA 217 (or SLPA 160 or DBSS 160) & TAPC 210
A seven-week fieldwork placement which provides the opportunity to integrate theory and practice, under the supervision of a Speech-Language Pathologist or Audiologist. Graded on a CR (Pass)/NC (Fail) basis
Hours: 225 hrs (0-37.5P) 7 wks
Credits: 4.5

SLPA 207 • SLPA Therapeutic Processes V
Prerequisites: A minimum of a C grade in AUDA 212 & SLPA 215 & SLPA 216 & SLPA 217 (or SLPA 160 or DBSS 160) & TAPC 210
A seven-week fieldwork placement which provides the opportunity to integrate theory and practice, under the supervision of a Speech-Language Pathologist or Audiologist. Placement focuses on a different case load than previous fieldwork, although the setting may remain the same. Graded on a CR (Pass)/NC (Fail) basis.
Hours: 225 hrs (0-37.5P) 7 wks
Credits: 4.5

SLPA 212 • Basics for the Speech Language Pathologist Assistant
Prerequisites: A minimum of a C grade in KNES 265 or LING 2XX & TAPC 111 & TAPC 112 & TAPC 113
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, early language stimulation techniques, documentation, and the roles and responsibilities of SLPAs
Hours: 60 hrs (3 - 1.25)
Credits: 3

SLPA 215 • SLPA Therapeutic Processes I
Prerequisite: Minimum of a C grade in SLPA 212
Introduction to the advanced skills required by a Speech-Language Pathologist Assistant (SLPA) in understanding speech disorders and providing intervention for articulation, phonology, and motor speech disorders. Transcription using the International Phonetic Alphabet (IPA) is also discussed.
Hours: 84 hrs (3-3)
Credits: 4

SLPA 216 • SLPA Therapeutic Processes II
Prerequisite: Minimum of a C grade in SLPA 212
The essential background, knowledge, and skills for a Speech-Language Pathologist Assistant (SLPA) to provide intervention to clients of all ages with developmental and acquired language disorders. Literacy and phonological awareness are also discussed.
Hours: 84 hrs (3-3)
Credits: 4

SLPA 217 • SLPA Therapeutic Processes III
Prerequisite/Corequisite: SLPA 212
Introduction to the advanced skills required by a Speech-Language Pathologist Assistant to provide therapy and understand disorders in fluency, play, voice, resonance, and dysphagia (swallowing). It also covers topics such as teletherapy, trauma-informed care, and neurodiversity.
Hours: 70 (3-2)
Credits: 4

SLWK (SOCIAL WORK)

SLWK 100 • Introduction to Social Work Practice
SLWK 100 is a foundation course for the Social Work program. You study the history of Social Work and learn the basic theoretical principles, concepts and values of Generalist Social Work Practice, and how to apply these principles in a variety of helping situations. You will also be asked to reflect on your own values and beliefs and to evaluate your compatibility with the Social Work profession. Learning about stress, reactions to stress, and stress management is also a key component of the course.
Hours: 42 hrs (3-0)
Credits: 3

SLWK 101 • Social Work Theories & Practice
Prerequisite: Minimum of a C grade in SLWK 100
SLWK 101 is a continuation of SLWK 100 with a focus on areas of Generalist Practice and theoretical models of Social Work practice. Students will also learn about the Social Work Code of Ethics and Standards of Practice.
Hours: 42 hrs (3-0)
Credits: 3

SLWK 102 • Social Problems & Policies
The focus of SLWK 102 is an exploration of social issues, problems and concerns, and a review and analysis of social policies as they relate to the development and delivery of appropriate social services. You will learn what constitutes a social problem and how social policies are developed.
Hours: 42 hrs (3-0)
Credits: 3

SLWK 103 • Social Work with Individuals
Prerequisites: Minimum of a C grade in IDST 100 & SLWK 100
SLWK 103 concentrates on the further development of social work attitudes and skills focusing on working with individuals and the close examination of worker attitudes as a help or a hindrance in working with individuals. This course focuses on expanding interpersonal communication skills, exploring the role of the helper, and developing counselling skills. Students will also learn about the interviewing process and the development of the counselling relationship.
Hours: 42 hrs (1.5-2)
Credits: 3

SLWK 105 • Social Work with Groups
Prerequisites: Minimum of a C grade in IDST 100 & SLWK 100
SLWK 105 is designed to further develop and refine social work skills for working with groups. The class is designed to create experiential learning opportunities in a group environment. Students will learn about group development process, stages of group development, types of groups, and theories related to Social Work with groups. Students will also learn about themselves as group leaders and as group members.
Hours: 42 hrs (3-0)
Credits: 3

SLWK 206 • Evidence-based practice in Social Work: Research, Leadership & Indigenous Ways of Knowing
Prerequisites: Minimum of a C grade in IDST 100 & SLWK 101 & SLWK 102
This is a multi-faceted course that will allow you to be well-rounded in your entry to practice as a social worker. The emphasis of this course includes introducing the capacity for multiple world views and ways of knowing, specifically an Indigenous Way of knowing. Students will gain an understanding of research and applied research within the social service sector. Research will be taught from both an Indigenous and a Western lens, increasing an appreciation and capacity for multiple ways of knowing and being. In the second half of the course you will engage in an introduction to concepts of human service organizations which will prepare you for entry level practice. Students will learn concepts of organizational culture, theories of organization and leadership and a strong focus on self-leadership and reflective practice.
Hours: 42 hrs (3-0)
Credits: 3

SLWK 208 • Social Work with Families
Prerequisites: Minimum of a C grade in SLWK 101 & SLWK 102 & (SLWK 103 or HLSC 220) & (SLWK 105 or HLSC 320)
SLWK 208 provides you with a framework for understanding the diversity and changing concepts of family dynamics as related to social work practice and to develop skills for working with families. Students will apply social work processes to working with families and learn about theories of family, problems and how they manifest in families, reflecting on your personal values of family, and view the family as a client.
Hours: 42 hrs (3-0)
Credits: 3

SLWK 209 • Social Work with Communities
Prerequisite: Minimum of a C grade in (SLWK 103 or HLSC 220) & (SLWK 105 or HLSC 320) & SLWK 206
The focus of the course is on community practice and theory. SLWK 209 provides you with an opportunity to develop skills in community organization and development. Students will learn about the application of the social work process to community, exploring community development, social determinants of health, capacity building, and partnership development. Students will also learn to view the community as the client.
Hours: 42 hrs (3-0)
Credits: 3

SLWK 211 • Social Work with Mental Health, Trauma, and Addictions
Prerequisites: Minimum of a C grade in SLWK 101 & SLWK 102 & (SLWK 103 or HLSC 220) & (SLWK 105 or HLSC 320)
SLWK 211 provides students with an understanding of the many interrelated factors that affect various client populations and the roles of social workers in dealing with mental health, trauma, and addictions. Students will learn the importance of a cross cultural perspective, and to examine traditional beliefs and assumptions about mental health and addictions. From a best practices model students will review creative preventative programs looking at the social determinants of health. Students will be invited to challenge their personal views about mental health and addictions.
Hours: 42 hrs (3-0)
Credits: 3

SLWK 212 • Social Work Practicum I
Prerequisites: Minimum of a C grade in SLWK 101 & SLWK 102 & (SLWK 103 or HLSC 220) & (SLWK 105 or HLSC 320)
SLWK 212 involves supervised study and practice. Students will spend 24–32 hours a week in a social service agency. After an initial orientation period, students are expected to assume responsibility for assigned agency duties in order to enhance their knowledge, skills, values and attitudes in social work methods. During agency work, attention is given to teaching students specific skills, developing competence in terms of offering services to clients, and participating in overall agency programs. Biweekly seminars focus on integrating the program philosophy, common themes and social work theory with practicum experiences. Direct Field hours = 350 hrs, Integration Seminar hours = 21, TOTAL HOURS = 371 hrs
NOTE: Students must receive a minimum of a "C" grade in Social Work Practicum I in order to go on to Social Work Practicum II.
Hours: 371 hrs (1.5-25P)
Credits: 7.5

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: 7.5

SLWK 219 • International Social Work
Prerequisite: Approval of the Program Coordinator
This is the preparation course for the International Practicum. Students must successfully complete this course in order to participate in the international practicum. In this course students will learn about social work in an international context. Students explore the similarities and differences of social work practice in another country and in Canada. This course is only offered when SLWK 220 is in place.
Hours: 21 hrs (1.5-0)
Credits: 1.5

SLWK 220 • International Social Work Practicum
Prerequisites: Minimum of a C grade in SLWK 101 & SLWK 102 & SLWK 103 & SLWK 105 & SLWK 219
This course involves supervised study and practice abroad. An international practicum gives students new perspectives on social work, greater cultural awareness and an appreciation of comparative social policies. This course will be a block placement opportunity eight weeks in duration and will include both practice and seminar components. The seminars focus on integrating the program philosophy, common themes and social work theory with practicum experiences. This opportunity is open as a first or second practicum requirement. In addition to tuition costs, students are also responsible for the expenses of any required vaccinations, travel insurance, and incidentals. This course is only available when there is sufficient student interest and available program resources.
Hours: 344 hrs (3-40P) 8 wks
Credits: 7.5

SOCI (SOCIOLOGY)

SOCI 201 • Introductory Sociology
This course provides a foundation for sociological inquiry and consideration of important topics including socialization, group development and cohesion, and 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-breadking 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 301 • Classical Sociology Theory
Prerequisite: SOCI 201
This course offers students an overview of the development of sociological theory with emphasis on the period from the nineteenth century to the Second World War. Theorists such as Marx, Durkheim and Weber will be reviewed and analyzed.
NOTE: Students cannot receive credit for both SOCI 301 and SLGY 2131.
Hours: 42 hrs (3-0)
Credits: 3

SOCI – SOCI

SOCI 305 • Sociology of Work
Prerequisite: Any 200-level Sociology (SOCI 201 recommended)
This course uses the students' own experiences of work as the starting point for exploration of paid and unpaid work in a globalized world. Topics include the following: definitions of work, employment relations, carework, international migration of workers, education and work, precarious work, outsourcing, offshoring, defining skill and competence, job satisfaction, finding a job, rewards of work, occupational health and safety, unemployment, and retirement.
Hours: 42 hrs (3-0)
Credits: 3

SOCI 313 • Research Methods in Social Science
Prerequisites: Any 200-level PSYC or SOCI 201 or permission of the Dean
This course will introduce you to experimental and nonexperimental research methods in social science. You will learn to think critically about research claims in the social sciences, develop an awareness of ethical concerns in research, and gain understanding of research methodology.
NOTE: Credit will be only be granted for one of PSYC 312 or SOCI 313.
Hours: 84 hrs (3-3)
Credits: 4

SOCI 321 • Youth Crime
Prerequisite: Any 200-level Sociology (SOCI 201 recommended)
This course examines the nature and extent of youth crime in Canada and its treatment and control. Matters to be examined include family, school, peers, and the economy as influences; legislation, and social responses to youthful deviance; theories of delinquency; measurement of youth crime; public policy; and future trends.
Hours: 42 hrs (3-0)
Credits: 3

SOCI 325 • Deviant Group Behaviour
Prerequisite: Any 200-level Sociology (SOCI 201 recommended)
This course provides systematic analyses of deviant group behavior with an emphasis on the non-legal aspects of deviance. In particular, this course emphasizes deviant subcultures and the ways in which sociologists consider deviance. Through a sociological lens, the course examines histories in which LGBT+ communities, mental health conditions, and other identities have been mislabeled as deviant.
Hours: 42 hrs (3-0)
Credits: 3

SOCI 333 • Offender Rehabilitation
Prerequisites: Any 200 level PSYC or SOCI course (SOCI 201 is 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.
NOTE: 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.
NOTE: 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 to prepare you for more advanced level university study in the language.
NOTE: Not to be taken by students with native or near native proficiency in Spanish, or with credit in Spanish 30 or its equivalents in Canada and other countries.
Hours: 70 hrs (4-1)
Credits: 4

SPAN 203 • University Transfer: Beginners' Spanish II
Prerequisite: SPAN 201
Continuation of Spanish 201.
NOTE: Not to be taken by students with native or near native proficiency in Spanish, or with credit in Spanish 30 or their equivalents in Canada and other countries.
Hours: 70 hrs (4-1)
Credits: 4

SPCH (SPEECH)

SPCH 2001 • Introduction to Public Speaking
This course provides an introduction to current theories of communication. An understanding of effective communication and its potential is promoted through participation in a variety of speaking situations. Opportunity is given for group discussion; audience analysis; development of good listening habits and how to research, organize and prepare various types of speeches. *This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.*
NOTE: Students cannot receive credit for both SPCH 2001 and COMM 250.
Hours: 42 hrs (3-0)
Credits: 3

STAT (STATISTICS)

STAT 213 • Introduction to Statistics I
Prerequisites: MATH 0030-1 or MATH 0030-2 or equivalent
Introduction to the collection and presentation of qualitative and quantitative data, including data distributions. Linear regression, correlation, probability, and random variables will be covered. The normal curve and central limit theorem will be introduced to grasp inferential statistical methods including confidence intervals, hypothesis tests, population proportions, Chi-square, and ANOVA.
Hours: 70 hrs (3-2)
Credits: 4

STAT 217 • Introduction to Statistics II
Prerequisites: STAT 213 or STAT 251 or STAT 333
This course includes estimation of population parameters, confidence intervals for means, and choice of sample size. You also cover topics such as test of hypotheses including two-sample tests and paired comparisons, the Chi-squared tests for association and goodness-of-fit, regression and correlation, variance estimates, tests for regression and correlation coefficients, non-parametric methods and associated tests, analysis of variance.
Hours: 70 hrs (3-2)
Credits: 4

STAT 251 • Introduction to Applied Statistics
Prerequisites: MATH 0030-1 or MATH 0030-2 or equivalent
This course provides an introduction to data collection, its graphical representation, and descriptive statistics. Correlation, linear regression, probability distributions, random variables, sampling distributions, and the central limit theorem are examined. Inferential statistics including confidence intervals, hypothesis tests, population proportions, Chi-square goodness of fit, and analysis of variance are also studied.
Hours: 70 hrs (3-2)
Credits: 4

STAT 333 • Statistics for Healthcare
Prerequisites: MATH 0030-1 or MATH 0030-2 or equivalent
Data analysis, relationships between variables, and graphical representation of data will be demonstrated. Probability, random variables, and sampling distributions will be explored. Topics in inferential statistics include hypothesis testing, Chi-square analysis, population proportions, and ANOVA. Application of statistical tests will involve healthcare and medical scenarios.
Hours: 84 hrs (3-3)
Credits: 4

SUST (SUSTAINABLE INNOVATION)

SUST 111 • Creativity and Changing Perspectives
This course examines the cues that trigger us to consider being creative and provides a road map of the creative process. Students explore the thinking process that can be used to recognize new opportunities and develop new ideas more efficiently and effectively.
Hours: 42 hrs (3-0)
Credits: 3

SUST 112 • Introduction to Social Innovation
This course provides an introduction of the field of social innovation or social entrepreneurship and working for an organization that wants to increase its social impact. It will take students to a journey of exploring the complex problems that surround us and that make a positive impact in today's society. Students will learn 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 113 • Introduction to Regenerative Design
Prerequisite: SUST 114 & SUST 121
This course gives the students the framework to evaluate and promote the future of sustainability, pushing the limits of good practices to best practices. Key areas of focus will include: identifying regenerative projects, creating regenerative processes, and helping them to understand the value of becoming a regenerative change agent.
Hours: 42 hrs (3-0)
Credits: 3

SUST 114 • Sustainability & Systems Thinking
Introduces the concept of sustainability and the study of systems. Students will begin a lifelong learning journey, acquiring knowledge that facilitate the integration of principles and practices of systems thinking into their studies.
Hours: 42 hrs (3-0)
Credits: 3

SUST 121 • Sustainability & Modelling
Focuses on techniques and tools that will help influence Operational, Closed-Loop and Non-Linear Thinking. Model Construction will highlight the steps required to assist in fully describing, analyzing, and evaluating systems.
Hours: 42 hrs (3-0)
Credits: 3

SUST 122 • Building and Sustaining Innovative Organizations
Prerequisite: SUST 114 & SUST 121
This course provides core innovation strategies on how to create unique value for consumers by delivering sustainable innovative products and services that shape consumer behavior. Students will learn the four pillars of a successful product or service strategy: The Who, What, Where, and How.
Hours: 42 hrs (3-0)
Credits: 3

SUST 123 • Building Community
Prerequisite: SUST 114 & SUST 121
Build the skills required for effective community participation, emphasizing the inception of ideas, the thoughtful construction of concepts, and validation through reflective practices. From nurturing initial dreams to carefully refining and enhancing the world, participants will explore and analyze the components of municipal systems with the goal of building holistic communities.
Hours: 42 hrs (3-0)
Credits: 3

SUST 124 • Sustainability and Corporate Social Responsibility
Prerequisite: SUST 114 or SUST 231
This course provides an overview of the response to the challenges of the modern world. Students learn how sustainability is a comprehensive approach to management of organizations which is focused on creating and maximizing long-Semester economic, social and environmental value.
Hours: 42 hrs (3-0)
Credits: 3

SUST 129 • Sustainability by Design
Prerequisite: SUST 114 & SUST 121
Provides an overview of the interactions between human and urban systems. Students will apply behavioral and sociological fundamentals using examples of sustainable designs.
Hours: 42 hrs (3-0)
Credits: 3

SUST 212 • Design Thinking
Prerequisite: SUST 114 & SUST 121
Introduces influential topics that impact engineering design and development, including Industrial Ecology, Life-Cycle Analysis, the Built Environment, and the practical challenges and opportunities for sustainability. Emphasizing the integration of design thinking into problem-solving approaches, the course aims to offer new perspectives on societal challenges.
Hours: 42 hrs (3-0)
Credits: 3

SUST 213 • Managing Innovation Initiatives
Prerequisite: SUST 114 & SUST 121
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 222 • Innovation & Strategic Implementation
Prerequisites: SUST 114 & SUST 121
This course enhances strategic thinking skills and offers new perspectives on seeking innovative approaches to alter the status quo, fostering organizational growth and improvement. Students will explore strategies for sustaining innovation within organizations.
Hours: 42 hrs (3-0)
Credits: 3

SUST 229 • Sustainable Innovation Project
Prerequisites: SUST 114 & SUST 121
This course provides students with an opportunity to integrate and implement the concepts learned throughout the program into a project of their choice. Students have the flexibility to choose from various project types, such as consultancy, case studies, business analysis, business development, and academic research, all focused on fostering sustainable innovation in business or science.
Hours: 42 hrs (3-0)
Credits: 3

SUST 299 • Sustainable Innovation Work Integrated Learning
Prerequisite: SUST 229
Offers students the chance to apply theoretical knowledge and practical skills gained from their studies across various real-world work settings. The integrated work placement facilitates the development of the student's professional identity as an agent for systemic change.
Graded on a CR (Pass)/NC (Fail) basis.
Hours: 240 hrs (0-30) 8 wks
Credits: 6

SUST 311 • Strategic Management & Innovation
Prerequisite: SUST 281
This course explores the evolving world of business strategy, focusing on the increasingly important roles of design, end-user experience, and innovation in shaping competitive advantage. Students will learn about concepts such as goal setting, value creation, global integration, ethics and corporate social responsibility, diversification, and the triple bottom line in the context of new business realities.
Hours: 42 hrs (3-0)
Credits: 3

TAPC (THERAPIST ASSISTANT PROGRAM)

TAPC 110 • Introduction to Health Care and Rehabilitation
Introduction to 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, and universal precautions.
Hours: 56 hrs (1.5-2.5)
Credits: 3

TAPC 111 • Rehabilitation Process
Continuation of the introduction to client care practices, procedures and processes in rehabilitation. Fundamental knowledge and skills, including monitoring client health, ethics, disability awareness, helping relationships, challenging behaviours, and teaching fundamentals. Additional topics such as body mechanics, positioning, client instruction, group work, and administrative activities, prepare the occupational therapist assistant/physical therapist assistant and speech-language pathologist assistant for the clinical role.
Hours: 70 hrs (3-2)
Credits: 4

TAPC 112 • Health Disorders & Conditions in Rehabilitation
Prerequisites: A minimum of a C grade in KNES 261
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
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 on the applicability of this information to rehabilitation service providers.
Hours: 60 hrs (3-1.25)
Credits: 3

TAPC 209 • Directed Study
Prerequisite: Coordinator approval
This is a bridging course to assist blending previous education and experience into current program requirements. The focus is on addressing topics specific to the individual needs of the occupational therapist assistant/physical therapist assistant and speech-language pathologist assistant student.
Hours: 42 hrs (3-0)
Credits: 3

TAPC 210 • Professional Integration for the Therapist Assistant
Prerequisites: A minimum of a C grade in OPTA 212 or SLPA 212
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
Job preparation for the employment-seeking occupational therapist assistant/physical therapist assistant and speech-language pathologist assistant. Gain the knowledge and skills necessary to enter the workplace with a focus on the job search process.
Hours: 14 hrs (1-0)
Credits: 1

TRAD (TRADES)

TRAD 100 • Introduction to Trades I
This is an introductory level course providing students with an opportunity to learn about careers in seven trades: pipe trades (plumbing, gas, and steam), welding, carpentry, electrical, automotive service technician, heavy equipment service technician, and power engineering technology. Students will be exposed to theory specific to each trade; and the use of materials, tools, and hand skills to complete hands-on projects in each of the trades. Along with hands-on shop experience, students will also learn health and safety requirements, theory, and employment opportunities in each trade. Health and safety topics will include an introduction to legislative requirements; industry and task specific requirements; and the use of personal protective equipment (PPE). Students will participate in hands-on lab activities after completing online/distance theory necessary for the following shop class. This course will help students discover their level of interest and talent for a rewarding career in the trades
Hours: 82 hrs (2.86-3)
Credits: 4

TRAD 111 • Introduction to Trades II - Automotive & Heavy Equipment Service
Prerequisite: TRAD 100
Building on TRAD 100, this is an intermediate level course where students will focus their studies in two trades in the transportation sector; Heavy Equipment Technician (HET) or Automotive Service Technician (AST). This course will provide an increased level of specialization, with exposure to more advanced topics in these trades. Hands-on shop time will be preceded by theory that will prepare the students for their upcoming shop class.
Hours: 82 (2.86-3)
Credits: 4

TRAD 112 • Introduction to Trades II - Steamfitter & Power Engineering
Prerequisite: TRAD 100
Building on TRAD 100, this is an intermediate level course where students will focus their studies in the Steamfitter/Pipefitter trade and Power Engineering Technology. This course will provide an increased level of specialization, with exposure to more advanced topics in these trades. Hands-on shop time will be preceded by theory topics that will prepare the students for their upcoming shop class.
Hours: 82 (2.86-3)
Credits: 4

TRAD 113 • Introduction to Trades II - Plumbing & Electrical
Prerequisite: TRAD 100
Building on TRAD 100, this is an intermediate level course where students will focus their studies in two trades in the construction sector; Plumbing, and Electrical. This course will provide an increased level of specialization, with exposure to more advanced topics in these trades. Hands-on shop time will be preceded by theory topics that will prepare the students for their upcoming shop class.
Hours: 82 (2.86-3)
Credits: 4

TRAD 114 • Introduction to Trades II - Carpentry & Welding
Prerequisite: TRAD 100
Building on TRAD 100, this is an intermediate level course where students will focus their studies in two trades in the construction sector; Carpentry and Welding. This course will provide an increased level of specialization, with exposure to more advanced topics in these trades. Hands-on shop time will be preceded by theory topics that will prepare the students for their upcoming shop class
Hours: 82 (2.86-3)
Credits: 4

ZOOL (ZOOLOGY)

ZOOL 224 • Vertebrate Diversity
Prerequisite: BIOL 233
This course is a survey of the major lineages of vertebrates, emphasizing evolutionary relationships and classification, as well as characteristics and adaptations of the major groups.
Hours: 84 hrs (3-3)
Credits: 4

ZOOL 375 • An Introduction to Invertebrate Zoology
Prerequisite: BIOL 233
This course provides a structural, functional, and phylogenic survey of protest and metazoan invertebrate phyla that comprise a majority of all animals with an emphasis on the lophotro Canada's streams, lakes and oceans, including insect and parasite representatives. emphasis the functional morphology of major phyla occurring in Canada's streams, lakes and oceans, including insect and parasite representatives.
Hours: 84 hrs (3-3)
Credits: 4

ZOOL 377 • Comparative Anatomy of the Vertebrates
Prerequisite: ZOOL 224
This course focuses on comparative anatomy of the vertebrates; providing an understanding of the functional and structural organization, development, and adaptive radiation of vertebrates in the environment.
Hours: 84 hrs (3-3)
Credits: 4

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MEDICINE HAT COLLEGE

WWW.MHC.AB.CA

INFO@MHC.AB.CA

MEDICINE HAT COLLEGE

ADVISING OFFICE	403.529.3819
BROOKS CAMPUS	403.362.1677
CAMPUS VISIT	403.529.3819
MEDICINE HAT CAMPUS	403.529.3811
STUDENT RESIDENCE	403.529.3820
TOLL FREE	1.866.282.8394

MEDICINE HAT CAMPUS:
299 COLLEGE DR. SE
MEDICINE HAT, AB / T1A 3Y6