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## About the College

### Message from the President



GPRC consistently hears from our region's employers, community leaders and past students how vital GPRC is to all our successes.

The exceptional instructors you meet in the classroom as well as the caring staff who make sure the resources and supports needed for students to succeed are in place all know GPRC has this important role in our Region.

All GPRC staff and faculty know the College plays this important role in our community because of the experiences we create for our students. That is why you will find our instructors provide extra individual attention to make sure you'll succeed. It is also why you will find caring staff who take the additional time and go the extra mile to make your experience at GPRC great.

GPRC is so vital to our region because of the breadth of what we do in our region. Trades and Apprenticeships, Certificates and Diplomas, Collaborate Degrees, Research and Innovation as well as lifelong education and training in Continuing Education are all part of GPRC.

GPRC is also one college with many locations so our reach is broad. You can join your class from your home computer, at a learning centre, or in a lecture hall or classroom and receive a high-quality learning experience.

GPRC is here for our students and we are only successful when our students are successful. We also know your success is vital to the future of our economy and our society so we take our work seriously but still have a lot of fun while doing it.

This college calendar is how you can create a path from your dreams to you becoming a vital part of your community and our society. That is what a GPRC education does for you and we are excited that you chose us to be part of your journey.

Welcome to GPRC!

*Don Guatiuk*

### Calendar Statement

The official Grande Prairie Regional College Academic Calendar 2016-2017 is available on the Internet at [www.gprc.ab.ca](http://www.gprc.ab.ca). In the event of any discrepancies between this text and the official Academic Calendar on our website, the website version will prevail.

The calendar of Grande Prairie Regional College is an official document for students. Students are expected to read this information carefully in order to be familiar with College rules and to understand program requirements, prerequisites and standards.

Students are personally responsible for the continuing completeness of their individual academic records and for ensuring that they satisfy the graduation requirements of the program in which they are enrolled. Programs and courses listed in the calendar are not necessarily offered each year. Some courses are available through various distance options. Please see [www.gprc.ab.ca](http://www.gprc.ab.ca) for details.

By the act of applying for admission to Grande Prairie Regional College, every student agrees to be bound by the terms of this statement, and the terms, conditions, academic standards, rules, regulations, policies and codes of behaviour in existence as well as those made, modified, or amended from time to time.

The Grande Prairie Regional College Academic Calendar is published by Student Services. If there are any questions regarding the interpretation of information included in this Calendar, please contact the Registrar, 780-539-2911.

## About the College

### About the College

Grande Prairie Regional College, known as GPRC, is a comprehensive community institution, publicly supported to provide opportunities in post-secondary education in northwestern Alberta. The College operates under the Post-Secondary Learning Act and the Ministry of Advanced Education, Province of Alberta.

GPRC was established in 1966 in Grande Prairie, and our stewardship region now includes campuses in Fairview and Grande Prairie, and learning centres in Edson, Grande Cache, Hinton and Jasper.

The highly-qualified faculty, affordable tuition, small classes, personal contact, and extensive scholarship and awards program offered by GPRC attract students from a wide area. Classroom-based instruction in Grande Prairie, Fairview, Hinton, Edson and Jasper is extended to several other communities in our region and beyond through various distance delivery methods. The College's distance learning options facilitate increased access to online learning opportunities for students.

As a comprehensive community institution, GPRC is committed to expanding access to post-secondary education in its stewardship region by responding to needs expressed by the communities it serves. The College has developed a portal access delivery model that encourages other post-secondary institutions to deliver programming on site, establishing collaborative partnerships that rapidly and effectively meet the varied needs of learners.

The College offers university transfer, diploma and certificate programs; apprenticeship and pre-employment trades training; and adult high school equivalency completion. Credit programs are offered in the areas of Liberal Arts, Science, Education, Physical Education, Nursing, Human Services, Fine Arts, Business, Technology, Academic Upgrading, Trades and Technical training, Agriculture and Environmental Sciences. GPRC also offers baccalaureate degrees and masters degrees in collaboration with universities.

In response to regional, community and industry demand, GPRC provides a range of customized non-credit pre-employment programming, skills development, safety training, and community interest courses. The College responds to community and industry demand for specific training through the provision of customized programming.

As an educational facility, GPRC helps meet the cultural, recreational, athletic, and conferencing needs of the northwestern Alberta region in partnership with community and regional stakeholders. In Grande Prairie, the College offers athletic, music, art and science summer camps; and the Douglas J. Cardinal Performing Arts Centre is frequently the site of concerts, community music festivals, dance recitals, speakers' series and industrial seminars.

The College encourages and supports applied research and scholarly activities, and innovation activities that complement and enhance teaching and learning in program areas and in industry sectors where its academic expertise enables such a contribution.

GPRC is dedicated to providing learners with access to high quality and diverse lifelong learning opportunities, and to the responsible educational, fiscal and environmental stewardship of resources.

### **STUDENT PARTICIPATION IN COLLEGE GOVERNANCE**

In accordance with the Post-Secondary Learning Act, representation on the Board of Governors includes one student nominated by the Students' Association. As many as ten students, elected by the Students' Association, are members of Academic Council, the academic decision-making body of the College. In addition, student representatives are normally included in most College committees and in departmental decision-making. The College routinely seeks student input on a variety of topics that affect the College community.

## About the College

### FORMAL TRANSFER ARRANGEMENTS

#### Alberta Council on Admissions and Transfer

11th Floor, Commerce Place  
10155 - 102 Street  
Edmonton, AB T5J 4L5  
Toll Free 310-0000, 780-422-9021  
[acat@gov.ab.ca](mailto:acat@gov.ab.ca)  
[www.transferalberta.ca](http://www.transferalberta.ca)

The College is a member of the Alberta Council on Admissions and Transfer (ACAT), an independent body that coordinates all activities related to post-secondary transfer within the province of Alberta. Transfer enables students to move from one post-secondary institution to another and receive credit for prior study.

Students wishing to transfer from the College to another institution in the province should be in contact with their receiving institution, refer to the Transfer Guide and other transfer information available online, or contact the ACAT office directly.

### COLLECTION AND PRIVACY OF STUDENT INFORMATION

The information provided on the Application for Admission and any other personal information collected and maintained as part of a student's record will be used for the purposes of admission, registration, graduation, convocation, issuing tax receipts, scholarships and awards, educational verification, and for college research and planning. Certain personal information will also be disclosed to Statistics Canada as required by the Statistics Act (Canada) and Ministry of Innovation and Advanced Education, Province of Alberta to meet reporting requirements, and by agreement, to the Students' Association and Alumni. This information is collected pursuant to the Post-Secondary Learning Act and Statistics Act (Canada). The information provided will be protected under the Freedom of Information and Protection of Privacy Act of Alberta.

The information you provide is required to determine your eligibility for admission and will be used to contact you regarding College programs and services. If you are admitted, the information will become part of your student record and will be disclosed to relevant academic and administrative units. If granted an award, pertinent information may be disclosed to the donor of the award and provincial funding bodies. Specific data elements will be disclosed to the federal and provincial governments to meet reporting requirements.

All College policies and procedures are intended to comply with the Province of Alberta's Freedom of Information and Protection of Privacy Act. If you have questions or concerns about issues related to the privacy of your personal information or your ability to access information, please contact the FOIP Coordinator, 780-539-2068.

### HOW TO RECEIVE INFORMATION

#### Grande Prairie Campus:

Student Services  
Grande Prairie Regional College  
10726 - 106 Avenue  
Grande Prairie, AB T8V 4C4  
**Phone** 780-539-2911  
**Fax** 780-539-2888  
**Toll Free** 1-888-539-4772

#### Fairview Campus:

Student Services  
Grande Prairie Regional College  
11235 - 98 Avenue, PO Bag 3000  
Fairview, AB T0H 1L0  
**Phone** 780-835-6605  
**Fax** 780-835-6788  
**Toll Free** 1-888-539-4772

#### Internet:

[www.gprc.ab.ca](http://www.gprc.ab.ca)

Information about College programs and events is provided on our website where you may also choose to apply online. Email us your questions at [studentinfo@gprc.ab.ca](mailto:studentinfo@gprc.ab.ca)

The Calendar sets forth the intention of the College at the time the calendar was prepared. While Grande Prairie Regional College makes reasonable efforts to ensure that the content of the calendar is accurate, Grande Prairie Regional College reserves the right, subject to the authority of the Board of Governors, to make whatever changes it considers necessary to the information referenced in the calendar or referenced in other documents relating to admission and registration including, but not limited to, the elimination of or changes to courses, programs, organizational structure, tuition and fees, entrance standards, academic standards, degree requirements, College policies, regulations, codes of behaviour and important dates in the academic year. All of the changes referred to above may be made by Grande Prairie Regional College without notice to students or prospective students, although reasonable efforts will be made as to provide notice of such changes as soon as practicable. Grande Prairie Regional College is not liable to anyone who may suffer loss or damages of any type arising from such changes including any loss or damages arising from the interruption of academic activities.

## Directory of Services

### Directory of Services

#### ACADEMIC ADVISING

**Grande Prairie Campus**  
780-539-2911  
Room H103, Student Services

College advisors are available to help you make informed choices about programs and courses. The Student Services Advising Team will assist you in finding your way through the maze of college paperwork, course and program options, and academic regulations and procedures. Advisors will also help you interpret academic policies, and your rights and responsibilities.

#### ACADEMIC RECORDS and REGISTRATION

**Grande Prairie Campus**  
780-539-2981  
Room H103, Student Services

**Fairview Campus**  
780-835-6605  
Room FAC131, Student Services

The Registration Team will assist students with registration processes, transcript requests and interpretation of college policy. In addition, they coordinate the official timetable and final exam schedule. If you have any concerns or questions regarding your registration, timetable or exam timetable, grades, transcripts, or eligibility to graduate contact this service area.

#### ADMISSIONS

**Grande Prairie Campus**  
780-539-2922 Room H103, Student Services

[admissions@gprc.ab.ca](mailto:admissions@gprc.ab.ca)

**Fairview Campus**  
780-835-6605 Room FAC131, Student Services

[fvadmissions@gprc.ab.ca](mailto:fvadmissions@gprc.ab.ca)

The Admissions Team welcomes inquiries from prospective and current students. The Admissions Team will assist you with information on admission requirements and application processes, advanced credit or transfer credit, and prior learning assessment.

#### ACCESSIBILITY SUPPORTS and DISABILITY SERVICES

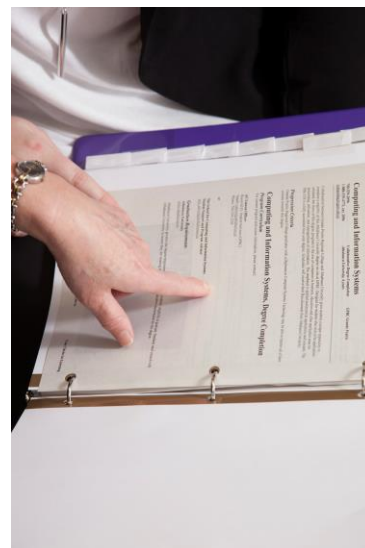
**Grande Prairie Campus**  
[asds@gprc.ab.ca](mailto:asds@gprc.ab.ca)  
780-539-2017  
Room H103, Student Services

**Fairview Campus**  
780-835-6625  
Room FAC131, Student Services

GPRC offers a variety of services which help to equalize educational opportunities for students with disabilities. Accessibility Supports and Disability Services promotes and coordinates a variety of accommodations, on an individual case basis, to make your chosen program workable for you.

GPRC strives to ensure a fair, equitable and accessible environment for students with disabilities or medical conditions. The goal of providing academic accommodations is to establish an “equitable playing field” for all students within the postsecondary environment.

For further information on the services we offer, please refer to the Accessibility Supports and Disability Services Handbook at [www.gprc.ab.ca/services/accessibility/](http://www.gprc.ab.ca/services/accessibility/).



#### ALBERTA SPORT DEVELOPMENT CENTRE NORTH WEST

**Grande Prairie Campus**  
780-539-2072

The Alberta Sport Development Centre North West provides sport science training services to help athletes and coaches of northwestern Alberta reach the next level of sport. The Centre is a partnership between the Alberta Sport Connection (ASC) and GPRC and is located on campus. The Centre operates under the guidance of an advisory board and provides sport performance services at the standard levels athletes would receive at provincial and national training centres.



## Directory of Services

### ALUMNI SERVICES

#### Grande Prairie Campus

780-539-2719

Room E218A

[alumni@gprc.ab.ca](mailto:alumni@gprc.ab.ca)

[www.gprc.ab.ca/alumni](http://www.gprc.ab.ca/alumni)

Follow us on Twitter

@GPRC\_Alumni

GPRC Alumni Services engages alumni & friends in the life of the College in its broadest sense. Through communications, special events and recognition, we keep alumni connected to the institution and to one another. As lifelong members of a shared community, all GPRC alumni are valued stakeholders, contributing to and benefiting from the College's success and ambitions. Keeping in touch with our alumni also helps advance our mission of creating connections to knowledge, experience and community one life at a time. If you are a current or former student, the GPRC Alumni / Foundation is ready to serve you. For more information about Alumni services please contact [alumni@gprc.ab.ca](mailto:alumni@gprc.ab.ca), or visit [www.gprc.ab.ca/alumni/](http://www.gprc.ab.ca/alumni/).



### ATHLETICS

#### Grande Prairie Campus

780-539-2063

Room K217

[wolves@gprc.ab.ca](mailto:wolves@gprc.ab.ca)

Along with the search for competitive excellence is the strong push for academic excellence within the Wolves Athletics program. Our goal is to strive for personal excellence through academic and athletic endeavours and produce student-athletes who are both athletically and academically sound.

GPRC offers basketball, volleyball, cross country running, indoor track, and soccer teams competing in the Alberta Colleges Athletic Conference (ACAC) and the Canadian Collegiate Athletics Association (CCAA).

Students participating in Wolves Athletics also have the benefit of obtaining financial assistance through two types of athletics scholarships; Jimmie Condon Athletic Scholarships and the Wolf Pac Booster Club Scholarships.

Wolves Athletics also contributes to the community by playing a major role in many sports camps, leagues and tournaments. Coaches and student athletes play a large leadership role in providing this opportunity to the youth of Grande Prairie. Student athletes benefit from these experiences by developing life skills such as leadership, coaching and communication.

Wolves Athletics has initiated a new program focused on citizenship called the Wolves Compass Program. This award winning program provides athletes and coaches with educational materials, tools and opportunities aimed at growing as a person.

As part of the Athletics program, the College hosts a number of tournaments and home game events in its facilities. These events provide opportunities for our student-

athletes to showcase their talents and abilities, opportunities for our students to participate in fun sporting events, and opportunities for the community to be a part of the best athletic events in the area.

### AWARDS and FINANCIAL AID

[financialaid@gprc.ab.ca](mailto:financialaid@gprc.ab.ca)

#### Grande Prairie Campus

780-539-2845

Room H103, Student Services

#### Fairview Campus

780-835-6654

Room FAC131, Student Services

The Financial Aid Team provides information about loans, grants, scholarships, bursaries and awards. Assistance with completing funding applications and advice about budgeting, deadlines and other requirements may be obtained from this office.

To receive information about awards or financial aid, refer to our webpage at [GPRC.me/financialaid](http://GPRC.me/financialaid) or contact the Financial Aid Office

### BOOKSTORE

#### Grande Prairie Campus

780-539-2926

Fax 780-539-2768

Room G119

Monday to Friday, 8:30am to 4:30pm

#### Fairview Campus

780-835-6612

Room FAC133

Monday to Thursday, 8:30am to 12:30pm and 1:00pm to 4:00pm

The Bookstore provides service to students during regular hours and offers extended hours during peak periods. Information on extended hours for each term is posted at the Bookstore. Required and recommended textbooks, supplies, GPRC clothing and other items are provided for your convenience. The Bookstore accepts cash, American Express, VISA, MasterCard, and debit card with student identification.

## Directory of Services

### CAMPUS SECURITY

(See Security)

### CAMPUS WELLNESS

#### Grande Prairie Campus

780-539-2436

Room K111A

[wellness@gprc.ab.ca](mailto:wellness@gprc.ab.ca)

[www.facebook.com/SWGPRC](http://www.facebook.com/SWGPRC)

Please visit the Student Wellness website for more information:  
[gprc.me/swell](http://gprc.me/swell).

GPRC is committed to the development of students' immediate and life-long physical and emotional well-being. The GPRC Student Wellness Program offers students a wide range of recreational and wellness activities from September through April, as well as May-June for Spring session students. All students are strongly encouraged to participate and enjoy the benefits the body and mind feel by taking advantage of programming provided.

Access to use the facilities provided in the Fitness Centre and Climbing Gym are included in the Campus Wellness fees paid at time of registration. Most campus recreational intramurals programming is also included in the fee. Some exceptions may apply. Please visit our website for more information on intramural programming.

Various fitness programming options exist at GPRC, all with the intent of keeping fit and healthy. Consultations and Group Fitness classes occur on a weekly basis throughout the year. Programming also changes every six to seven weeks. Schedules vary based on instructor availability. Registration for fitness programming is not included in the Wellness Fee, but are heavily subsidized in favor of the student. Day passes and punch-cards are available for students not

wishing to register, but no discount applies to these rates. Visit our fitness webpage for more details and other related programming.

Wellness Starts Here!

#swell

#### Fairview Campus

780-835-6650

Fitness Centre

[Fairviewrec@gprc.ab.ca](mailto:Fairviewrec@gprc.ab.ca)

[www.facebook.com/GPRCFairviewRecreationCentre](http://www.facebook.com/GPRCFairviewRecreationCentre)

Excellent recreational activities are also available on Fairview campus. As in GP, our Fairview campus also offers access to a fully equipped Fitness Centre and a variety of intramural programs covered in your registration fees. The facilities on campus also boast racquetball/squash courts and a 3-hole golf course.

Various fitness programming options exist at GPRC. All with the intent of keeping fit and healthy. Consultations and Group Fitness classes occur on a weekly basis throughout the year. Schedules vary based on instructor availability. Registration for fitness programming is not included in the Wellness Fee, but are heavily subsidized in favor of the student. Day passes and punch-cards are available for students not wishing to register, but no discount applies to these rates. Visit our fitness webpage for more details and other related programming.

Students on campus also have the opportunity to join various clubs (e.g. Golf, hockey, bowling) and there is always opportunity of starting more.

The Fairview Regional aquatic Centre Pool is also located on campus. Students are able to participate in the drop in sessions and classes at their regular rates.

### CHILD CARE

#### *Building Blocks Day Care*

780-539-2781

The College has an outstanding day care facility right on the campus in Grande Prairie. The Day Care Facility, under the charitable umbrella of the On-Campus Day Care Society, serves students, staff, faculty, and community users by providing quality care to 90 children. It is in operation from Monday to Friday, 7:30 am to 6:00 pm, year round with the exception of specific holidays.

#### *Children's Centre Demonstration Preschool*

780-539-2750

GPRC's Children's Centre Demonstration Program is a preschool program for children ages 3-5 and is operated by the Early Learning and Child Care Program. The preschool runs Monday through Thursday and offers a morning or afternoon class.

As a demonstration preschool we view early childhood as an essential foundation for children's growth, development, and learning. Children will have the opportunity to learn about themselves and the world around them while enjoying innovative activities with a group of peers. Registration is ongoing.

#### *Spring Nursery*

8-Week program in the Spring

We also offer an 8 week Spring Nursery in March and April every year. Please contact us for information.



## Directory of Services

### CONTINUING EDUCATION

780-539-2975  
Room M105  
[CE@gprc.ab.ca](mailto:CE@gprc.ab.ca)  
[www.gprc.ab.ca/CE](http://www.gprc.ab.ca/CE)

Continuing Education supports life-long learning throughout the College's service region and beyond. This department of the College provides quality life-long learning and training services in a variety of areas including business, computer training, leadership, enterprise, personal interest, kids camps, forestry, agriculture and environment, safety, industrial and driver training, equipment and equipment operator training, and organizational development by:

- Offering courses to individuals or companies
- Responding to business and community needs
- Offering day, evening, and weekend courses
- Offering courses that can be customized to the specific needs of employers and employees
- Helping fulfill the occupational and personal aspirations of students
- Offering hundreds of on-line safety, business and personal development courses
- Offering courses at your location

Continuing Education works collaboratively with Indigenous communities, organizations and businesses to develop training, services and programs that empower people and organizations.

Programming may be customized to include, but is not limited to, Indigenous and cultural awareness, leadership and governance, entrepreneurship and community development, forestry, health and wellness, industrial readiness, professional driver training, youth programs, oilfield and safety training and certification.

### FACILITY BOOKINGS

**Grande Prairie Campus**  
780-539-2858  
Room H103, Student Services  
[rbookings@gprc.ab.ca](mailto:rbookings@gprc.ab.ca)

**Fairview Campus**  
780-835-6627  
Room FAC118A

Rooms for meetings, workshops, and conferences are coordinated and booked through this office. The College offers a range of services to community users including food services arrangements, room bookings, and audio-visual bookings.

For residence reservations, please see Housing.

### FINE ARTS CONSERVATORY

780-539-2909  
[conservatory@gprc.ab.ca](mailto:conservatory@gprc.ab.ca)

The Conservatory is committed to nurturing the creative spirit of students of every age in the arts. The Conservatory offers

private and class instruction for students of all ages and abilities. Our Conservatory staff is comprised of Fine Arts Department faculty, local professional musicians and artists, and selected advanced students.

#### *Music*

This is our largest component of the Conservatory. We offer comprehensive, year-round music programming for students of all ages and abilities. This includes private lessons in piano, guitar, drums and percussion, winds and brass, voice, strings, theory and musicianship. We are very proud of the quality of instruction, and with hundreds of students registered, we boast the largest conservatory north of Edmonton. The Conservatory also provides community members with the opportunity to register in select choir groups serving children and adults (fees and audition may occur depending on group).

#### *Community*

Community members are invited to audition for the College Concert Choir, Jazz Ensemble, and Wind Ensemble.



## Directory of Services

### FITNESS

#### Grande Prairie Campus

*Be Fit For Life Centre*  
780-539-2816

The Grande Prairie Be Fit For Life Centre offers education, training and resources to uncover the steps you need to take in developing a sustainable, realistic, healthy lifestyle. The Alberta Be Fit For Life Network is comprised of 9 centers throughout the province, all housed in post-secondary institutions, and develops programs and services unique to each region. The Alberta Be Fit For Life Network strives to be a leader in enabling self-responsibility among Albertans to be physically active where they live, work and play. Contact the Grande Prairie Be Fit For Life Centre for more information about the programs and services offered on-campus and in our community.

*Fitness Centre*  
780-539-2007

The Fitness Centre consists of a 17,000 square foot gymnasium,

large change rooms complete with lockers and showers, and one of the best-equipped weight and cardio facilities in Grande Prairie.

Besides being home to the Wolves Athletic Teams, the facility promotes healthy, active living to the College and surrounding communities. Access to the facilities are paid for in Student's Wellness fees. The Centre contains everything you will need for a complete workout.

*Indoor Climbing Gym*  
780-539-2089  
Room M124

The Indoor Climbing Gym offers students, staff and the community a great workout opportunity with this state-of-the-art climbing facility. The facility promotes healthy, active living to the College and surrounding communities. Access to use the facilities are paid for in Student's Wellness fees. Training courses to learn to climb are provided throughout the year based on requests. Please contact our staff for more information or to learn how to participate.

### FOOD SERVICES

**Grande Prairie Campus**  
780-539-2950

The "Pillars Marketplace", in the College Cafeteria, offers students, staff, and guests a variety of foods, from snacks to full-course meals. Pillars is open Monday to Thursday, 7:30 am to 6:00 pm, and Friday, 7:30am to 3:00 pm. Catering services are also available, please call for details.

**Fairview Campus**  
780-835-6659

The Cafeteria features home-style cooking and meals. Open Monday to Thursday, 7:15am to 3:00pm, and Friday, 7:15am to 2:30pm. The Cafeteria is closed in July and August. Catering services are also available, please call for details.

### GENERAL EDUCATIONAL DEVELOPMENT (GED)

**Grande Prairie Campus**  
780-539-2707  
[GED@gprc.ab.ca](mailto:GED@gprc.ab.ca)

If you have not completed the course requirements for a high school diploma, but require recognition equivalent to a high school graduate for employment purposes, you may prepare for the General Educational Development (GED) Exam.

GED exams are scheduled once per month from September through June. To be eligible to write the GED exam you must be 18 years of age or older and have been out of school for at least 10 consecutive months. A study guide is available in the College bookstore. Completion of the GED exam is not accepted for admission to college or university programs. For an application form or a schedule of the exam dates, contact the Academic Upgrading Department Office.



## Directory of Services

### GPRC RESEARCH & INNOVATION (GPRC R&I)

**Main Office:** Room E401  
780-539-2054

**Innovation: Suite:** 302 9909-102 St  
214 Place North  
780-539-2807  
Toll Free: 1-877-539-2808  
[www.GPRC.ab.ca/research](http://www.GPRC.ab.ca/research)

GPRC is a Top 50 Canadian College for applied research. GPRC Research & Innovation (GPRC R&I) leads the development of applied research and innovation for the College and region. The Department provides management and support services for both applied research and innovation. Services include: innovation (commercialization) support; grants facilitation and management; research planning and research ethics secretariat; and coordinating student research and or innovation projects.

Essentially, GPRC R&I serves as the portal for innovative individuals or groups connecting with the College's faculty and students for assistance with research and innovation.

GPRC R&I advances **innovation** through Grande Prairie Regional Innovation Network (GPRIN), a regional innovation partnership centred in Grande Prairie, yet serving all of the Peace Country and the Yellowhead West region. Services enable innovators, entrepreneurs, and students to develop their ideas into new products and services for the marketplace. The innovation office is co-located with the Grande Prairie Business Incubator downtown Grande Prairie. GPRC R&I staff and GPRIN partners move innovation forward by contributing to blogs, leading

workshops, hosting events, and connecting students with regional innovators.

GPRC Research & Innovation is responsible for managing the College's three Tri-Council funded **applied research** initiatives: the Pollutants-to-Products initiative and its Carbon Capture Solarium (Main Campus); the National Bee Diagnostic Technology Access Centre (located in Beaverlodge); and the Community Enhancement Research initiative (Main Campus).

GPRC R&I also provides leadership for the Alberta Rural Organic Waste to Resources Network (provincial network); and supports the Evergreen Centre for Resource Excellence and Innovation in Evergreen Park (GP County).

### HEALTH & DENTAL PLAN

780-539-2962  
Room G123, Students' Association  
[sa@gprc.ab.ca](mailto:sa@gprc.ab.ca)  
[www.sagprc.com/programs-and-services/health-and-dental/](http://www.sagprc.com/programs-and-services/health-and-dental/)

GPRC assumes all students have basic health care coverage, and mandates that all full-time students also have extended coverage, either personally, or as offered through the Student Health and Dental Plan. Students may add additional family members to the health and dental plan by completing an application form and paying the additional premium. Information pertaining to the premium, eligibility, and specific benefits can be obtained from the Students' Association office.

Students who have extended health and dental coverage through another agency must opt out of the Student Health and Dental Plan by the deadline outlined in Important Dates on the College website.

### HEALTH SERVICES

In case of an emergency due to illness or injury:

**Grande Prairie Campus**  
Call Security, 780-539-2700  
(24 hours/7 days a week) **or** refer to First Aid Responder List **or** call 911

**Fairview Campus**  
Refer to First Aid Responder List **or** call 911 **or** call Security, 780-835-1164 anytime on weekends or between 5:30pm and 5:30am on weekdays

All course-related incidents must be reported immediately to your instructor or supervisor and to a GPRC OHS & Risk Officer, 780-539-2876.

For health concerns of a minor, non-urgent nature, the campus bookstores are stocked with common over-the-counter products to assist you.

Also, on the Grande Prairie Campus there is the:

#### College and Community Health Centre

Hours of Operation: Monday – Friday, 9 am to 5 pm  
Address: 10620 104 Ave, Grande Prairie, AB T8V 8J8  
Same day appointments may be booked by calling 780-814-5800 after 8:30 am

In Fairview, there is the:

**Fairview Medical Clinic**  
10624-110th Street  
Fairview, AB T0H 1L0  
780-835-4255



## Directory of Services

### HOUSING on the GRANDE PRAIRIE and FAIRVIEW CAMPUSES

(See Residence)

### INCLUSIVE POST- SECONDARY EDUCATION

780-539-2216

Room C207

[inclusiveeducation@gprc.ab.ca](mailto:inclusiveeducation@gprc.ab.ca)

Inclusive Post-Secondary Education is an agreement between Inclusion Alberta and GPRC that enables students with developmental disabilities to be fully included in programs of study and campus life, pursue career aspirations, develop lifelong friendships, gain independence and build life-enriching experiences.

With support from on-site Inclusive Post-Secondary staff, students with developmental disabilities can enroll in programs and attend college courses as auditing students. Inclusive Post-Secondary Education staff work closely with students, course instructors, and other college staff, offering support to maximize a positive experience for everyone. During summer months and at the end of their college journey, students are supported in finding meaningful full or part-time employment that reflects their career goals.



### INDIGENOUS PROGRAMS and SERVICES

[www.gprc.ab.ca/services/indigenous/](http://www.gprc.ab.ca/services/indigenous/)

#### *Indigenous Liaison Coordinator*

**Grande Prairie Campus**

780-539-2020

Room H108, Student Services

[indigenous@gprc.ab.ca](mailto:indigenous@gprc.ab.ca)

The Indigenous Liaison Coordinator offers students support on their journey of furthering their education, recognizing and promoting the need to stay balanced within, while on the journey to higher education. Students can expect that the Coordinator will champion Indigenous culture and ensure that it is celebrated and honoured within GPRC. The Coordinator works with Nations, councils, communities, schools, and elders to create educational opportunities for students, and will support students in finding and utilizing community resources to meet their needs.

#### *Circle of Indigenous Students*

**Grande Prairie Campus**

780-539-2092

Room B205, On-Campus

Friendship Centre

[fcentre@gprc.ab.ca](mailto:fcentre@gprc.ab.ca)

The Circle of Indigenous Students is an elected executive that brings forward the collective voice of students at GPRC. With the support of the Indigenous Liaison Coordinator and the On-Campus Friendship Centre Outreach Worker, the cultural needs of students are met through talking circles,

Indigenous role model speakers, and traditional teachings throughout the year. The Circle of Indigenous Students members are also involved in various community events throughout the year such as Community Round Dances, the annual Sisters in Spirit Candlelight Vigil and Walk, Spirit Seekers Youth conference and more.

#### *Elder in Residence*

**Grande Prairie Campus**

780-539-2092

Room B205, On-Campus

Friendship Centre

[fcentre@gprc.ab.ca](mailto:fcentre@gprc.ab.ca)

GPRC, in partnership with Grande Prairie Friendship Centre, brings cultural teachings and ceremony to the students, staff, and faculty of GPRC through the Elder in Residence program. The Elder lives in residence on Grande Prairie campus and, through the On-Campus Friendship Centre, is available for staff, students and community members to provide teachings, help increase cultural awareness, and provide students with a sense of "home".

#### *On-Campus Friendship Centre*

**Grande Prairie Campus**

780-539-2092

Room B205

The On-Campus Friendship Centre at GPRC is brought to students by a partnership between GPRC and Grande Prairie Friendship Centre. The Centre provides a warm and welcoming environment for all students to connect with other students, meet faculty and staff, and seek out existing college and community support for help adjusting to college life and life in a new city.

## Directory of Services

### LIBRARY

#### Grande Prairie Campus

780-539-2939

Room F205

[library-grandeprairie@gprc.ab.ca](mailto:library-grandeprairie@gprc.ab.ca)

#### *Educational Technologies*

The Educational Technologies Centre provides support to faculty and students in becoming more familiar with current and emerging technologies. The Centre focuses on the integration of online and face-to-face delivery methods by supporting the design, development and maintenance of education materials.

We provide pedagogical support as well as training and technical support for many different hardware and software tools throughout GPRC, including Moodle, Blackboard Collaborate, and SMART Board. For more information, visit our website at [www.gprc.ab.ca/library/ed\\_tech/index.html](http://www.gprc.ab.ca/library/ed_tech/index.html).

#### *Learning Support Centre*

The Learning Support Centre is available to all students who wish to improve their academic skills and ability to learn. Students can receive individual help with essay structure, outlines, grammar and other writing essentials by dropping in to the Centre or booking appointments with staff. Students can also receive help with math and science courses! The Learning Support Centre holds workshops throughout the year on issues that affect students.

Workshops on such topics as time management, study skills, note-taking and coping with exam anxiety are available. All of these services are in place to help students have the most successful year ever!

#### *Library Services*

As a member of the NEOS Library Consortium, the College Library is able to offer students access to over ten million items including books, magazines, newspapers, videos, music CDs and other audiovisual materials. Web-based subscription databases, the Internet and interlibrary loan service provide access to information sources globally.

Access to computers for word processing and presentation software, Internet searching and email are available during all hours of operation. Colour and black and white printing is available.

The library facility offers comfortable study areas for those that wish to work in groups or individually, and those that are looking for a silent space to study.

#### **Fairview Campus**

780-835-6641

Fax 780-835-6782

[libraryfairview@gprc.ab.ca](mailto:libraryfairview@gprc.ab.ca)

Fairview Campus Library has a wealth of materials that support many program areas. Major strengths include trades, animal health, equine and agriculture. Carpentry, power engineering, electrical and electronics, automotive mechanics, heavy duty mechanics, plumbing, and welding are the primary trades that are featured in the collection. The united collections of Fairview and Grande Prairie provide students with a well-rounded resource base for research and program support.

The Library offers computers and printers for word processing and research during all hours of operation, as well as many welcoming study spaces to accommodate varying study needs.

### PARKING

All parking at GPRC is as designated by the Parking and Traffic Management Policy.

**Questions?** Call us at 780-539-2808 or visit [www.gprc.ab.ca](http://www.gprc.ab.ca)

For more information contact:

#### **Facilities - Maintenance and Operations**

780-539-2808

Fax: 780-539-2941

Room G102

[parkings@gprc.ab.ca](mailto:parkings@gprc.ab.ca)

Students who no longer require their parking permit can return their permit to Facilities - Maintenance and Operations in G102 for a pro-rated refund. Refunds will be credited to the credit card used to purchase the permit. If the credit card is no longer valid a cheque will be issued to the credit card holder as per the refund guidelines. Refunds will require a minimum of 10 days to complete the transaction.

### PEER COUNSELLING CENTER

#### Grande Prairie Campus

780-539-2911 or 780-539-2010

Room B309

The GPRC Peer Counselling Centre is a safe environment created for GPRC students, who need help with their mental health and well-being concerns. The Centre offers free and confidential drop-in peer counselling and is available to GPRC students only. Peer counsellors are GPRC students, who undergo extensive training and volunteer their time to manage the Centre. If the student's presenting problem is beyond the capability of the peer counsellor, information regarding community resources will be provided and a referral may be arranged. Please email [peercounsellor@gprc.ab.ca](mailto:peercounsellor@gprc.ab.ca) or visit room B309 for hours and peer counsellors' availability. For more information, please visit GPRC's Peer Counselling website: [www.gprc.me/peercounselling](http://www.gprc.me/peercounselling)

## Directory of Services

### RESIDENCE on the GRANDE PRAIRIE and FAIRVIEW CAMPUSES

[www.gprc.ab.ca/services/housing/](http://www.gprc.ab.ca/services/housing/)  
Complete residence information for GPRC (Grande Prairie and Fairview) can be found on our website above. The accommodations and residence services available are unique to each campus. The following provides a brief description of services for each campus and relevant contact information.

#### Grande Prairie Campus

780-539-2802

Fax 780-539-2924

[GPresidence@gprc.ab.ca](mailto:GPresidence@gprc.ab.ca)

<https://www.gprc.ab.ca/services/housing/gphousing.html>

At the Grande Prairie campus, the Residence Department is responsible for on-campus residences and maintains an off campus housing list in Grande Prairie. Contact the GPRC Residence Office in Grande Prairie for applications for accommodation in the student residence, and for off-campus housing listings.

Prospective students can apply online or download a Grande Prairie Campus Residence Application by going to the website.

#### *On Campus in Grande Prairie*

Residence is located on the east side of the College campus. Currently there are accommodations for 362 students. Residence rates can be found on the GP Housing & Residence website.

Not all applicants are guaranteed accommodation. Only applicants who are offered a room assignment will be required to pay a \$200 security deposit.

First semester rent (September to December) is due in full by August 4, 2017.

Second semester rent (January to April) is due in full by December 8, 2017.

All rents include utilities, wireless internet, Telus TV and furnishings. Units have a full size range, separate freezer, refrigerator, dining table and chairs, sofa, love seat and coffee table. All bedrooms are fully furnished with a twin bed, drawers, desk, study chair and built in closet shelving. Students need only bring bedding, toiletries, kitchen items, television, computer, food, cleaning supplies and personal items.

#### *On Campus Family Residence*

There are nine four bedroom family units. Residence rates can be found on the Housing & Residence webpage.

All utilities, wireless internet and Telus TV are included in the monthly rent. The security deposit for these units is \$400, and is payable once you have been assigned to a unit. In each unit, there is one bedroom that contains a queen size bed; the other bedrooms each have a twin bed. Bedrooms also contain desks, study chairs, drawers and closet shelving. There is TV service in each bedroom and the living room. Each unit is furnished with a couch, loveseat, coffee table, dining table and chairs, and a full size refrigerator, range and separate freezer. Families need only bring bedding, toiletries, kitchen items, television, computer, food, cleaning supplies and personal items. There are coin-operated laundry rooms that are available for student use and each student receives their own mailbox while living in residence.

#### *Off Campus in Grande Prairie*

The Residence Department also maintains a comprehensive off-campus housing list available on the website at

<https://www.gprc.ab.ca/services/housing/offcampus/gpoffcampus.html>.

#### *Summer Residence in Grande Prairie*

Summer residence is available on a month-to-month basis from May to mid-August. Please contact the Residence Office for further information.

#### Fairview Campus

780-835-6652

Fax 780-835-6693

[FVresidence@gprc.ab.ca](mailto:FVresidence@gprc.ab.ca)

[www.gprc.ab.ca/services/housing/fv\\_housing](http://www.gprc.ab.ca/services/housing/fv_housing).

On GPRC's Fairview Campus, the Residence Department is responsible for the on-campus residence in Fairview. Contact the Fairview Residence Department directly about accommodations in the student residence.

#### *On Campus in Fairview*

Residence is located on the southwest corner of the Fairview Campus. There are accommodations for 254 students. Residence rates can be found on the FV Housing & Residence webpage.

Not all applicants are guaranteed accommodation. Applicants are required to submit a \$200 security deposit together with their application. Rent is due in full two weeks prior to program start date.

Units are furnished and rent includes utilities. There are cooking and non-cooking units available. However, in all non-cooking units, there is a microwave, and in each dorm bedroom there is a mini fridge. Students need only bring bedding for twin beds, toiletries, kitchen items, food and personal items. Coin-operated laundry rooms are available for student use, and each student is assigned their own mailbox while living in the residence.

Individuals who require family residence should contact the Fairview Residence Department directly, as limited spaces are available. Prospective students can apply online or download a Fairview Campus Residence Application by going to the website.

#### *Summer Residence in Fairview*

Summer residence is available. Please contact the FV Residence Office for more information.



## Directory of Services

### SECURITY

#### Grande Prairie Campus

780-539-2700 or by using a Help  
Phone located around the Campus  
Located: H101  
Available 24/7

#### Fairview Campus

Outside Security (Main Campus)  
Located: FAC 130  
780-835-1164  
Monday to Friday 5:30pm to  
5:30am  
Weekends and Holidays - 24 hour  
coverage

#### *Fairview Residences Security (Residences only)*

Located: Residence Office  
780-835-9519  
7 days a week 7:30pm to 7:30am  
during the months of September to  
May

Security guards at Grande Prairie  
and Fairview can provide a Safe  
Walk Service around Campus. You  
can also call a guard if you are  
working late or on the weekend and  
they will periodically check on you  
with their Work Alone Service.



### STUDENTS' ASSOCIATION

[www.sagprc.com](http://www.sagprc.com)

#### Grande Prairie Campus

780-539-2962  
Room G123

[sa@gprc.ab.ca](mailto:sa@gprc.ab.ca)

#### Fairview Campus

780-835-6624  
Room FAC126

[jmeenk@gprc.ab.ca](mailto:jmeenk@gprc.ab.ca)

#### West Yellowhead Campuses

Please contact Grande Prairie  
campus

780-539-2962

[sa@gprc.ab.ca](mailto:sa@gprc.ab.ca)

As a student you are automatically a  
member of the Students'  
Association (SA) and pay Students'  
Association fees. The Students'  
Association of Grande Prairie  
Regional College (SAGPRC) is a  
provincially designated organization  
that represents your interests to the  
College and the greater community  
through representation and  
advocacy. SAGPRC also provides  
services to students, such as  
administering the Student Health  
and Dental Plan, organizing on-  
campus clubs, and operating the  
student lounge (Howlers).

#### *Representation / Advocacy*

The Students' Association is  
governed by the Students' Council,  
which is made up of student  
representatives elected each fall  
from the student body. The three-  
member Executive Council is  
elected each spring, and serves both  
in a management and governing  
capacity. Students at large have the  
opportunity to serve as active  
members on various GPRC  
committees to ensure student input  
is provided to college decisions.

As a member of SAGPRC, you are  
also a member of a provincial  
organization called the Alberta  
Student Executive Council (ASEC).  
This organization addresses student  
concerns by lobbying at the  
provincial level. Student loans,  
transferability and financial restraint  
are among the issues facing students  
in today's ever changing post-  
secondary educational system.

#### *Programs & Services*

The Students' Association is  
fundamentally committed to your  
well-being. By paying SA fees,  
you're entitled to not only great on-  
campus events, but you're also  
offered a wide-range of services that  
benefit your experience at GPRC!  
Check out the list below for  
SAGPRC programs and services  
you should know about.

- Hosting Used Textbook Buy and  
Sell Events
- Offering Support for Student  
Grievances
- Coordinating the Health and  
Dental Plan for Students & their  
Families
- Funding On-Campus Peer  
Counseling Program
- Facilitating Campus events such  
as Mental Health Awareness  
Week.
- Supporting Student Governance  
through the Executive Council  
and Student Council Elections
- Operating Student Lounge with  
Free Pool & Board Games for  
Socializing and Studying
- Hosting Theme Parties
- Offering Fax, Scan and  
Photocopying Services
- Supporting Student Clubs
- Providing Volunteer  
Opportunities
- Offering Co-curricular  
Opportunities and Credit
- Funding and Co-Funding  
Scholarships
- Organizing Contests and  
Giveaways
- Hosting Orientation Week  
Activities
- Facilitating Student Advocacy
- Offering Student Employment
- Facilitating College Committee  
Representation
- Supplying ATM and Microwaves  
for Student Convenience

SAGPRC is constantly growing and  
looking to bring in new and  
improved services and programs for  
our students. Make your Student  
Association fees count and get  
involved!

## Directory of Services

### STUDENT RECRUITMENT

780-539-2931  
1-888-539-4772, ext. 2931  
Room H103

The GPRC Recruitment Team takes the College to the people, connecting with high schools and community groups throughout Alberta, British Columbia, Yukon, Nunavut, and the Northwest Territories. If you would like more information about GPRC, or to arrange an individual or group information session, or a campus tour, please go to [www.gprc.ab.ca/recruitment/](http://www.gprc.ab.ca/recruitment/)

### THEATRE

**Grande Prairie Campus**  
*Douglas J. Cardinal*  
*Performing Arts Centre*  
780-539-2442

The Douglas J. Cardinal Performing Arts Centre is a full service theatre with 508 seats and state-of-the-art technical equipment. Employing certified Theatre Technicians, the Theatre supports over 100 performances and events, with 40,000 audience members visiting the venue yearly. From professional ballet to local folk artists, there is a show being offered for everyone.

**Fairview Campus**  
*Fred Speckeen Theatre*  
780-835-6627

The Fred Speckeen Theatre is located in the heart of GPRC's Fairview campus. This theatre boasts 310 seats and hosts many local groups including theatrical performances, drama clubs, dance groups and youth performances.

### VISITOR in the ARTS

**Grande Prairie Campus**  
For more information contact:  
**Fine Arts Office**  
780-539-2909  
[finearts@gprc.ab.ca](mailto:finearts@gprc.ab.ca)

Visitor in the Arts Series features the faculty of the Fine Arts Department and visiting guests presenting aspects of their work and professional life. Presentations vary and include electronic slide shows, recitals, lectures, videos and films, and much more. All members of the college community and the public are invited to attend.



## Admissions

### Admission Basics

#### Grande Prairie Campus

780-539-2922

[admissions@gprc.ab.ca](mailto:admissions@gprc.ab.ca)

#### Fairview Campus

780-835-6605

[fvadmissions@gprc.ab.ca](mailto:fvadmissions@gprc.ab.ca)

### APPLICATION FOR ADMISSION

If you are applying to GPRC for the first time, a \$70 non-refundable application fee must accompany your application. For international (visa) students, the fee is \$140 Canadian. The application process cannot proceed until appropriate transcripts or forms have been received or until pre-program assessments or interviews have been completed as required for admission.

### ADMISSION REQUIREMENTS

#### *General Admission*

Admission requirements for programs are listed in the Entrance Requirements charts on the following pages and are described in greater detail at the beginning of each program description. If you do not meet the admission requirements for your program of interest, please contact the Admissions Office. GPRC can often tailor a program to suit the individual needs of students.

Home schooled students considering applying to GPRC should contact the Admissions Office. Applicants presenting International Baccalaureate (IB) or Advanced Placement (AP) courses should also contact the Admissions Office.

#### *University Transfer Admission*

Admission requirements for university transfer programs include English 30-1 and four grade 12 subjects, as specified by your chosen program. Normally you will require a minimum overall average of 60 per cent. If you have a mark less than 50 per cent on a high school course, that course will not be considered for admission.

#### *Degree Admission*

Having the minimum admission requirements for entry into GPRC university transfer programs is no guarantee that you will be accepted at your chosen university or into a degree program offered on site. Admission to the universities may vary from program to program and university to university. Quota programs at the universities tend to have higher academic requirements for admission.

Universities have various admission requirements for high school graduates and for non-matriculated adult students. Carefully examine the admission requirements for the university and the program of your choice.

#### *Mature Student Admission*

Admission requirements for adult students, 21 years of age or older on the first day of classes, to university transfer programs include English 30-1 and one or two additional 30-level subjects, depending on the program to which you are seeking admission. A minimum grade of 50 percent is required in each course and you must have a minimum overall average of 60 percent. Placement assessments and a recommendation from an advisor in Student Services may be required. Contact the Admissions Office for more information.

#### *Out-of-Province Student Admission*

Admission requirements for out-of-province students include completion of high school and presentation of the equivalents of the Alberta Education high school subjects required for admission to your chosen program.

## Admissions

### HIGH SCHOOL AND POST-SECONDARY TRANSCRIPTS

The application process cannot be completed until appropriate transcripts have been received.

Alberta high school and post-secondary students will normally have their transcripts requested on their behalf by the GPRC Admissions Team.

If you are currently in Grade 12 outside of Alberta, you should arrange to have official high school transcripts sent after June exams from the Department of Education of your home province, or your last high school. These official transcripts are to be sent directly to Student Services, GPRC at the campus where you wish to attend.

If you have already completed high school or post-secondary work, please make arrangements to have your transcripts forwarded directly to GPRC. These should be received at approximately the same time as we receive your application form.

All transcripts submitted for admission purposes become the property of GPRC and will not be released to, nor photocopied for you or anyone outside the College. If you are not accepted or do not attend, the documents you submitted are destroyed one year after the start of the semester for which admission was requested. If you reapply, you must submit a new set of documents.

### INTERVIEWS AND TESTING

Your admission will only be considered when pre-program testing or interviews have been completed as required for program admission.

### IDENTIFICATION AND CLASSIFICATION OF STUDENTS

*Adult or mature students* are normally 21 years of age or older on the first day of classes and do not have the regular admission requirements for their chosen program.

*Audit students* observe designated course activities and are normally exempt from course evaluations. Audit students require written approval of the instructor who specifies how much participation is required. Approval is subject to space, impact on other students and such other factors as may be deemed important by GPRC.

*International students* are not residents of Canada nor Permanent Residents. An international student is one who possesses a valid student visa or becomes eligible for a student visa upon acceptance to GPRC.

*Special or Unspecified students* are normally enrolled in a credit course load that departs from particular programs described in the calendar and are not working towards a specified certificate or diploma offered by the College.

*Visiting students* take credit courses to be applied by advance agreement to a degree or diploma program at another college or university.

### SELECTION CRITERIA

GPRC reserves the right to determine the criteria for selection in all of its programs and courses. General regulations notwithstanding, the College, at its discretion, may refuse admission to any applicant.

## Admissions

# Answers to Frequently Asked Questions

### ***When can I apply?***

Applications for September (Fall Semester) or January (Winter Semester) are accepted as early as October 1 of each year. Applications for Fall semester are typically accepted until July 30 and applications for Winter semester are typically accepted until November 30. Certain programs may have earlier application deadlines.

Your application to a program will be considered if you meet the admission requirements described in the Admissions section of this Calendar. Normally, students should be 18 years of age on or before December 31 of your first year at the College.

### ***How do I apply?***

Apply online at [www.gprc.ab.ca/apply](http://www.gprc.ab.ca/apply) or send us a completed Application for Admission form.

#### **Fairview Campus**

Student Services  
11235 98 Avenue  
P.O. Bag 3000  
Fairview, AB T0H 1L0  
Fax 780-835-6605

#### **Grande Prairie Campus**

Student Services  
10726 106 Avenue  
Grande Prairie, AB T8V 4C4  
Fax 780-539-2888

#### **Internet**

<http://www.gprc.ab.ca/>

### ***Where do I get an Application for Admission Form?***

Application for Admission Forms are available from Student Services at all College campuses, and on our website.

What other information do I need to provide with my application?

If you are currently or have previously attended another post-secondary institution, we will expect to receive official copies of your academic transcripts from those institutions. If you are currently in high school, complete the information requested in the Previous Education section on the Application form. You will need to make arrangements for an official high school transcript to be sent directly to the College once final grades are released at the end of the school year. Alberta high school and post-secondary students will have their transcripts requested on their behalf by the GPRC Admissions Team.

### ***Do I need an Alberta Student Number and how do I get one?***

The Alberta Student Number (ASN) is a unique identifier for all Alberta learners which provides students with access to improved programs and services in the Alberta Education System. You are encouraged to provide this information with your application form. You can look up your ASN at <https://learnerregistry.ae.alberta.ca/> or if you are new to Alberta you may request an ASN.

### ***What does it cost to apply?***

\$70 for Canadian residents.

\$140 Canadian for international students.

The application fee is charged only once – for students new to GPRC.

The application fee is non-refundable. You may pay by cheque, cash, direct debit, money order or by American Express, MasterCard or Visa. Cheques and money orders must be made payable to Grande Prairie Regional College (GPRC).

### ***When will I be admitted?***

You will receive an acknowledgment of your application. If you are currently in high school, and you reported your high school subjects completed or in-progress on your application, you should receive a conditional admission. If you did not report your high school subjects, we will request this information.

If you are not currently attending high school, have your official transcripts forwarded as soon as possible. If you meet admission requirements, you will be admitted immediately to your program of choice.

## Admissions

### ***What is a Conditional Admission?***

If you are registered in high school subjects while you are seeking admission to the Fall Semester, you may be granted conditional admission. This conditional admission will be based upon the information you provide regarding the interim grades or final grades for subjects in which you are currently registered or have completed.

It is your responsibility to ensure that your final transcript is forwarded to Student Services. If official transcripts do not confirm that you have successfully met the requirements for admission to your chosen program or if the transcripts are not received by August 2nd, the conditional admission may be withdrawn or your registration may be revised.

### ***What if I am not admitted?***

If you are not admitted to the program of your choice, you will be told of the reason and offered assistance in choosing another program. For example, if you are missing a high school requirement, you may be offered an opportunity to be admitted to Open Studies. Admission to Open Studies gives you an opportunity to complete admission requirements for your chosen program and start on other courses at the same time.

### ***How do I register for courses?***

You will be mailed an information package that will include the process for registration. These packages are normally mailed out to students beginning in mid-April. Simply follow the instructions included in the package.

### ***How do I apply and register at Regional Campuses?***

If you plan to study at one of the regional campuses, or plan to relocate in order to study at any GPRC campus, please contact the appropriate Regional Office for information and assistance.

### ***What should I be doing while I wait for college to start?***

Be sure that you have made all the financial arrangements to cover the cost of your tuition, fees, and living expenses. If you need to apply for a loan, loan applications are available on-line. See [www.gprc.ab.ca/services/financialaid](http://www.gprc.ab.ca/services/financialaid) for more information. You can apply for a student loan before you are offered admission.

Consider where you might be living during your time at college and make application for housing early. If you are interested in living in College Housing at either campus, be sure to check out Housing information in the Directory of Services or at [www.gprc.ab.ca/services/housing](http://www.gprc.ab.ca/services/housing).

### ***If I fail a course required for admission, can I still come to the College?***

Yes! Many students register prior to receiving their final high school results. If you fail to pass a course required for admission to College, you must contact Student Services immediately. GPRC offers high school equivalent courses. Normally, we would adjust your registration to help you pick up the missing high school requirement. Your admission may be modified to indicate you are an Open Studies student or an Upgrading student depending upon the number of upgrading courses you require.

### ***Will I know what to do when I get to the College?***

You can expect to receive an invitation to an orientation that might be scheduled before classes begin or may be part of your first day at college. Be sure to attend to get the best start to your studies. At the Grande Prairie campus students are invited to attend a campus-wide orientation which is a fun, informative event that helps new students ease into college life. This college-wide program provides an introduction to life on campus and offers short seminars on a variety of topics including money management, survival tips, deadline dates, the definition of a GPA and other useful information, and a campus tour.



# Admissions

## International Students

### INTERNATIONAL ADMISSIONS

780-539-2773

Fax 780-539-2888

[studentinfo@gprc.ab.ca](mailto:studentinfo@gprc.ab.ca)

GPRC welcomes applications for admission from students from other countries for Fall Semester beginning in September. Students applying later than April 1 may find they are unable to obtain a student visa in time to begin classes in September. International student visa applicants applying for admission to Winter Semester beginning in January may be considered for admission if they are currently studying in another institution in Canada or the U.S.A.

#### *Admission Requirements*

International student visa applicants are considered for admission to programs at GPRC on the basis of:

- Completed application form
- Full payment of non-refundable application fee of \$140.00 Canadian
- Receipt of official transcripts of secondary grades and any post-secondary transcripts
- Notarized translations of all documents presented for admission that are not in English
- Appropriate admission requirements for the program
- English Language Proficiency
- Proof of basic health care benefits

Prospective international (student visa) applicants from outside Canada who are accepted by the College will receive a Letter of Admission. Students must submit the Letter of Admission to the appropriate Canadian consulate or immigration officials in their home country in order to secure an official Student Visa. All arrangements relating to immigration status and entry into Canada are the responsibility of the student.

#### *English Language Proficiency*

The language of instruction and communication at GPRC is English. Regardless of your country of origin or citizenship status, if your native language is not English, you must demonstrate proficiency in the English language before you will be considered for admission to any credit course or credit program. This may be demonstrated in one of the following forms:

- Successful completion of the equivalent of two years of full-time study in an English language secondary institution in Canada. The program must include English 30-1, English 30-2, or their equivalent, with a minimum grade of 50%.
- Successful completion of a full year or more of course work, including an introductory course in English, at an accredited Post-secondary institution where English is the language of instruction.
- Presentation of a computer-based test score of 213, a paper-based test score of 550 or an internet-based test score of 83 with no less than 20 in each part on the Test of English as a Foreign Language (TOEFL). Results are valid for two years only.
- Presentation of a score of at least 6.0 on the IELTS Academic (International English Language Testing System) with no band less than 5.0.
- ESL programs from other recognized, accredited post-secondary institutions will be considered on an individual basis.

English Language Proficiency for **Bachelor of Science in Nursing** requires TOEFL minimum 86 with no less than 21 on each part, and a minimum 26 on speaking, or TSE (Test of Spoken English) score of minimum 50. If IELTS is used, then the score must be 7.0 overall with listening 7.5, reading 6.5, writing 7.0, and speaking 7.0.

If you do not meet the specific requirements outlined above, contact the Associate Registrar, Admissions in Student Services. Your written request for admission should be accompanied by supporting documentation.

In addition to demonstrating English Language Proficiency, you must also present appropriate admission requirements for your chosen program. If you are accepted, a letter of admission will be mailed to you.

Meeting English Language Proficiency for admission to GPRC is no guarantee that the student also meets English Language Proficiency requirements of other post-secondary institutions. Students are responsible to ensure that they meet the requirements for admission and English Language Proficiency of the post-secondary institutions to which they may be applying.

## Admissions

### *Fee Payment Schedules*

International students are required to have registration fees paid in full at the time of registration.

### *Health Care Coverage*

All students require health insurance while studying at GPRC. International students must have basic health care coverage from Alberta Health Care, health care from another province or health insurance from a private provider. Students are responsible for obtaining their own personal health care coverage. Students moving permanently to Alberta from another country or students with a Student Authorization may contact Alberta Health Care at <http://www.health.alberta.ca/> for health care coverage and services.

Full time students in most credit programs at GPRC may be automatically enrolled in, and be required to pay for, the Student Health and Dental Plan, which provides extended health and dental care coverage, unless existing coverage can be proven. The Student Health and Dental plan can be opted out of if alternate coverage can be proven. Please refer to eligibility requirements on the SAGPRC website.

## CONFIDENTIALITY

The personal information that you provide when you apply for admission to the College, will be collected under the authority of the Post-Secondary Learning Act and Statistics Act (Canada) and in accordance with the Freedom of Information and Protection of Privacy legislation of the Government of Alberta. Information collected is used to maintain College records in processing your enrolment, monitoring academic progress, providing tax receipts, distributing follow-up College related information, College research, awards, graduation, fund raising and alumni contact.

Files are maintained on every student. They include correspondence, grades, applications, admission rulings and official transcripts. You will have access to your file; your advisor and the Chairperson responsible for administering your program will be permitted to view data on your progress.

Outside agencies may see your file only with your written permission. The College will not release information on your progress, attendance, etc., to sponsoring agencies without a signed release from you giving the College explicit permission to do so. Your personal information and academic records will not be released to your parents, your spouse, your guardian, or any other person or agency, without your written approval.

Students may wish to review the College policy on Access to Confidential Student Records and Information. Public inquiries related to the collection, use and disclosure of the personal information provided should be directed to the Registrar or to the Information and Privacy Coordinator.



## Admissions



## Admissions

## Entrance Requirements for Admission to Career, Trades, and Upgrading Programs

Normally, students enrolling directly from high school require an Alberta High School diploma or equivalent.

For additional information, including admission as a mature student, please see individual program information

Program Name (Campus Location)	Grade 10 English & Math	Grade 11 Math <sup>1</sup>	Grade 11 English	Grade 12 English	Grade 12 Math	Additional requirements and competitive selection information
GP=Grande Prairie Campus FV=Fairview Campus						
Aboriginal Administration (GP)		√		√		60% in Math 20-1 or 20-2, or 50% in Math 30-1 or 30-2. First year is a Business Administration certificate.
Academic Upgrading (GP)						Applicant must be ≥ 18 in the semester they enter the program.
Animal Health Technology (FV)				√	√	High school diploma with Chemistry 30, Biology 30 and one of Math 30-1 (50%) or Math 30-2 (65%). Applicants must have 40 hours of documented work experience in the field. See Program detail for more information.
Business Administration (GP)		√		√		60% in Math 20-1 or 20-2, or 50% in Math 30-1 or 30-2.
Computer Systems Technology (GP)				√	√	50% in Math 30-1 and English 30-1.
Cooperative Trades Orientation (FV)	√					Or pass admission assessment
Dental Office Clerk (GP)		√		√		60% in English 30-1 or 65% in English 30-2; 50% in Math 20-1 or 20-2.
Early Learning and Child Care (GP)				√		50% in English 30-1 or 60% in English 30-2 or suitable score on admission assessment; police information check.
Educational Assistant (GP)				√		60% in English 30-2 or 50% in English 30-1 or pre-admission assessment; Standard First Aid and CPR certificate; police information check.
Harley-Davidson® Technician (FV)	√					
Kinesiology (GP)						See Program detail for more information.
Motorcycle Mechanic (FV)	√					Plus Grade 10 Science; or pass apprenticeship entrance exam. See Program detail for more information or contact Student Services, Fairview.
Music, Performance (GP)				√		English 30-1 and Music 30 or equivalents; Grade 2 Conservatory Theory, MU1000 or equivalent (or music theory placement); performance audition
Office Administration (GP)		√		√		50% in English 30-1 or 30-2; 50% in Math 20-1 or 20-2 or 20-3

## Admissions

## Entrance Requirements for Admission to Career, Trades, and Upgrading Programs

*Normally, students enrolling directly from high school require an Alberta High School diploma or equivalent.  
For additional information, including admission as a mature student, please see individual program information*

Program Name (Campus Location)	Grade 10 English & Math	Grade 11 Math <sup>1</sup>	Grade 11 English	Grade 12 English	Grade 12 Math	Additional requirements and competitive selection information
Parts and Materials Technician (FV)		√	√			Plus Grade 11 Science; or pass apprenticeship entrance exam – Contact Student Services, Fairview for details.
Personal Trainer (GP)						See Program detail for more information.
Perioperative Nursing, Post-RN						Must be a Registered Nurse. See program detail for more information.
Power Engineering (FV)				√	√	English 30-1 or 30-2; Math 30-1 or 30-2; and Chemistry 30, Biology 30, Physics 30 or Science 30.
Think Big Service Technician (FV)				√	√	High school diploma. Canadian Citizenship or Permanent Residency required.
Unit Clerk (GP)		√		√		High school diploma 60% in English 30-1 or 65% in English 30-2; 50% in Math 20-1 or 20-2.
Visual Arts and Design (GP)				√		English 30-1. No portfolio required for first year. Admission to the second year requires successful completion of the first year; a portfolio and letter of intent may be required.
Welding, Pre-Employment	√					Plus grade 10 Science or pass Apprenticeship Entrance Exam. See program detail for more information.

**Notes:** 1. Grade 11 Math requirements: Generally, Math 24 does NOT fulfill the requirements.

The academic levels listed above are subject to change from year to year.

GPRC reserves the right to suspend or cancel programs, or make other changes deemed necessary.

## Admissions

## Entrance Requirements For Admission To University Studies Programs

**Classification of Alberta Education Courses:** Grade 12-level subjects required for admission have been grouped according to classification of Alberta Education courses. Students may contact the Admissions Office for further information on out-of-province and out-of-country equivalencies.

<b>Group A (Humanities)</b> Aboriginal Studies 30 Social Studies 30-1 30-Level Language other than English	<b>Group B (Fine Arts)</b> Applied Graphic Arts 35 Art 30 Art 31 Communication Technology Advanced, 5 credit Dance 35 Drama 30 Music 30 (Choral, Instrumental or General), 5 credits Music 35 Musical Theatre 35 Performing Arts 35 Technical Theatre 35 Theatre Arts 35	<b>Group C (Sciences)</b> Biology 30 Chemistry 30 Computing Science-Advanced Level CTS (5 credits) Math 30-1 or Math 30-2 Mathematics 31 Physics 30 Science 30 or Experiential Science 30
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### REQUIRED COURSES

Admission requirements for GPRC university transfer programs is based upon transfer to the University of Alberta. An overall average of 60% in five grade 12 subjects is required. If you plan to transfer to a university other than U of A, be sure to inquire specifically about admission requirements for that institution.

PROGRAM	1	2	3	4	5	COMMENTS & RECOMMENDED COURSES
<b>B. Arts</b>	Eng 30-1	Four subjects chosen from Biology 30, Chemistry 30, a Fine Arts (only one Fine Arts subject may be presented), Math 30-1 or Math 30-2, Mathematics 31, Physics 30, Science 30, Social Studies 30-1, 30-level language other than English.				For Psychology, Math 30-1 or Math 30-2. For Economics and Mathematics, Math 30-1 and Math 31
<b>B. Arts (Faculté Saint-Jean)</b>	Fr 30, 31, Lang et Lit 30, Français 30 or Fr. Lang Arts 30	Eng 30-1	A or B	C	A or C	Social 30 and Math 30-1 or Math 30-2 recommended.
<b>B. Arts in Recreation, Sport and Tourism</b>	Eng 30-1	A or C	A or B	C (Biology 30 recommended)	A, C or PE 30 or REC advanced level CTS	Only one language other than English accepted.
<b>B. Commerce*</b>	Eng 30-1	Math 30-1	Biology 30, Chemistry 30, Physics 30 or Science 30	A	A, B or C	Group C (Science) is recommended to ensure appropriate prerequisite for the Science requirements of B. Commerce program for U of C.
<b>B. Education</b>	Eng 30-1	Math 30-1 or Math 30-2 (Elementary), A or C (Secondary)	A or C	A or C	A, B, or C	Math 30-1 required for majors/minors in Math and Sciences.
<b>B. Education (Faculté Saint-Jean)</b>	Fr 30, 31, Lang et Lit 30, Français 30 or Fr. Lang Arts 30	Eng 30-1	A or B	C	A or C	

\* The University of Alberta does not admit students directly into year one of Bachelor of Commerce. Students are required to complete a pre-professional year of study with a competitive GPA to be considered for admission to year two of this degree program. Students can complete this pre-professional year of study at GPRC.



## Admissions

## Entrance Requirements For Admission To University Studies Programs

Courses are grouped according to classification of Alberta Education courses.

For High School course equivalencies from other provinces, refer to the document, High School Course Equivalents, under Admissions Entrance Requirements on our website.						
PROGRAM	1	2	3	4	5	COMMENTS & RECOMMENDED COURSES
<b>B. Fine Arts</b>	Eng 30-1	A or C	A or C	A or C	A, B, or C	Only one Fine Art accepted. More than one language other than English may be accepted.
<b>B. Kinesiology</b>	Eng 30-1	A or C	A or C	C	B, C, or PE 30 or REC advanced level CTS	Biology 30 is recommended. Only one language other than English will be accepted.
<b>B. Music</b>	Eng 30-1	Any four of Social 30, a 30-level language other than English, Biology 30, Chemistry 30, Physics 30, Math 30-1 or Math 30-2, Math 31, Science 30, one approved Fine Arts Subject (Music 30 preferred)				Audition, theory and aural skills placement assessment
<b>B. Science (General)</b>	Eng 30-1	Math 30-1	C	C	A, B or C	
<b>B. Science (Faculté Saint-Jean)</b>	Fr 30, 31, Lang et Lit 30, Français 30, or Fr. Lang. Arts 30	Eng 30-1	Math 30-1	C	C	
<b>B. Science in Kinesiology</b>	Eng 30-1	Biology 30 or PE 30 or REC advanced level CTS	Chemistry 30	Math 30-1	Physics 30	
<b>B. Science in Nursing</b>	Eng 30-1	Math 30-1 or Math 30-2 or Math 31	Biology 30	Chemistry 30 or Science 30	A, B, or C	Minimum of 60% in subjects 1 to 4 is required as well as overall average of 65%.
<b>Engineering</b>	Eng 30-1	Math 30-1	Math 31	Chemistry 30	Physics 30	Minimum 70% admission average required
<b>Pre-Professional: Chiropractic Dentistry Medicine Optometry</b>	Eng 30-1	Math 30-1	Biology 30	Chemistry 30	Physics 30	
<b>Pre-Professional: Dental Hygiene Medical Lab Science Pharmacy Occupational Therapy/ Physical Therapy Veterinary Medicine</b>	Eng 30-1	Math 30-1	Biology 30	Chemistry 30	A, B or C	

## Registration

### Registration Basics

**Grande Prairie Campus**  
780-539-2981

**Fairview Campus**  
780-835-6605

Registration is the process of enrolling in the course(s) of your choice. An advisor is available to assist you in the selection of courses relevant for your program. You may register for all terms in the academic year or for one term at a time. A registration assumes that you agree to be bound by the rules and regulations of the College and that you agree to be responsible for the fees associated with the registration.

The best way to track your grades and finances is to sign into your myGPRC account. It is the official student information system and it is expected that you are monitoring this account.

### STUDENT RESPONSIBILITY

You are personally responsible for the continuing completeness and accuracy of your registration. This requires careful attention to course selection and compliance with prerequisite, corequisite, and program completion requirements. You need to ensure that your course selection is appropriate for your program and includes those courses and credits required for graduation.

#### Availability of Courses

Registration in specific courses is subject to the availability of seats in those courses at the time you register. Courses may be cancelled when minimum enrolment requirements are not met.

### TUITION DEPOSITS

#### Fall Semester

Students are required to pay a non-refundable tuition deposit at the time of registration for the academic year. This deposit will be applied to their account for Fall Semester fees. The tuition deposit will not be refunded.

#### Winter Semester

Students beginning their studies in the Winter Semester must submit a non-refundable tuition deposit at the time of registration. This deposit will be applied to their account for Winter Semester fees. The tuition deposit will not be refunded.

### FEES FOR INTERNATIONAL STUDENTS

International students who are studying at the College for the first time are required to have registration fees paid in full at the time of registration.

### CONFIRMATION OF ATTENDANCE

All Grande Prairie campus students are expected to confirm their attendance for each semester by logging into their myGPRC account. Attendance Confirmation can be found under the My Courses tab. If you fail to confirm, you may be dropped from your classes and charged a reinstatement fee to re-add your courses.

### RE-INSTATEMENT OF REGISTRATION FEE

A fee may be charged for re-instatement of registration for students who have had their registrations dropped.

## Registration

### LATE REGISTRATIONS

The deadline to add courses is normally the first day of classes; however, the deadline for adding Fall and Winter Semester classes on the Grande Prairie campus is generally extended to the sixth day of scheduled classes. Normally students require permission to register in Fall and Winter courses after the respective deadline declared in Important Dates. Permission may be granted by the Instructor, or Department Chair.

### CANCEL REGISTRATIONS

#### *Withdraw from Courses or Program*

If you find it necessary to withdraw from your program or any one of the courses for which you are registered, you may do so at any time. Normally there are academic and financial considerations for a course or program withdrawal. For refund information refer to the Tuition and Fees section of the calendar.

You are encouraged to consult with your program advisor or an advisor in Student Services. All withdrawals from the College must be done in writing, normally on a Withdraw from College Form. You will not be considered to have formally withdrawn unless you have provided written notice to Student Services. Notice that you are withdrawing from a course is normally provided on a Change in Registration Form. These forms are available from Student Services. Failing to pay tuition and fees is not considered an official withdrawal from a program or a course. Students may be held financially responsible for courses from which they fail to formally withdraw.

The deadline to drop courses is declared in Important Dates. It will normally be set 6 business days following the first day of classes or the second day of classes for Spring and Summer courses. Students dropping within this time frame will have their registrations withdrawn and fees owing for the course or program will be cancelled. If you drop a course or program after the declared drop date, you are held responsible for paying the fees and will receive a grade of “W” or “WF” depending upon the date of your withdrawal.

Students withdrawing from a course or program within the first 60 percent of instructional days will normally be assigned a grade of “W” and are considered to be withdrawn with permission. Grades of “W” do not negatively affect grade point averages (GPA). Students officially withdrawing after the “W” period but before the final examination shall receive a “WF” which will affect your GPA.

The deadline for dropping and withdrawing are listed in Important Dates.

**Students who withdraw and no longer require their parking permit can return their permit to Facilities - Maintenance and Operations in G102 for a pro-rated refund. Please see Parking under Directory of Services.**



## Financing Your Education

# Financing Your Education

### FINANCIAL AID OFFICES:

**GPRC Grande Prairie Campus**

**GPRC Fairview Campus**

780-539-2845

Toll Free 1-888-539-4772

Fax 780-539-2888

[financialaid@gprc.ab.ca](mailto:financialaid@gprc.ab.ca)

You have made the decision to further your education. Life as a college student can be very exciting and rewarding. However, obtaining a post-secondary education can be very costly and needs to be well planned. The Financial Aid Team at GPRC is here to assist you in financing your educational endeavor.

### *What Will It Cost?*

#### Tuition and Fees

Refer to the Estimate of Fees for the current year available from Student Services or online at <https://www.gprc.ab.ca/d/ESTPROGCOST>.

#### Living Costs (minimal expenses)

This is an estimate for two semesters of study.

Living Situation	Est. Costs
Single, Living at home (\$500 per month)	\$4,000
Single, Living away, Shared accommodation (\$1000/month)	\$8,000
Married Student, One Child (\$2500/month)	\$20,000
Single Parent, One Child in care (\$1800/month)	\$14,400
For each additional child add \$450 per month	\$3,600

#### Books and Supply Costs

The Financial Aid Office at GPRC prepares an estimate of books and supplies for all College programs. This information is shared with Student Aid Alberta for consideration of grant and loan applications. If you require specific information on books and supply costs for your program, please contact the Financial Aid Office in Student Services or check GPRC's website.

### *How Will You Cover the Costs?*

Identify your sources of income:

- Parents
- Grandparents or Relatives
- Savings from summer jobs
- Employment Income
- Spouse
- Investments (i.e. RESP, RRSP, GIC, TFSA, Stocks, Bonds)
- Scholarships or Bursaries
- Student Loan
- Bank Student Line of Credit

## Financing Your Education

### STUDENT LOANS

For information about Alberta Student Loans please visit <http://www.studentaid.alberta.ca/>. For other provinces, please see the GPRC Financial Aid website for contact information.

#### *What do I need to know before I apply?*

The government student loan program is intended to supplement the basic cost of living expenses, tuition, fees, books, and supplies. Debts (such as vehicle payments, loan payments, credit card bills, etc.) are not taken into consideration when determining the amount of loan money a student may receive.

Student loans are available to full-time and part-time students, who are enrolled in post-secondary programs. The Academic Upgrading program is not eligible for student loans. By completing one loan application, Alberta residents will be considered for both Provincial and Federal loan monies, as well as government grants and bursaries. In most provinces, you can apply for a student loan before registering in your program of study. However, you must be registered in your program before your student loan funds are released.

When applying for a student loan, you must determine your province of residency. In most cases, your home province is the last province you have lived in for twelve full months without being a full-time student in post-secondary studies. Some exceptions may apply. If you are unsure, please contact the Financial Aid Team and they can help you determine your province of residency.

Student loan applications for most provinces are available after June 1st. Processing times vary from province to province and may take up to eight weeks. You are advised to apply early. Most provinces encourage students to complete an online application. Alberta residents can apply online at <http://www.studentaid.alberta.ca/>. Students from other provinces can visit the Financial Aid page of the GPRC website for links to provincial student loan providers. The application will require various information including your tuition, fees, and book costs, and what resources you will have available to you for the academic year. You will also need to have filed your income tax for the previous tax year and know the figure on line 150 of your previous year's income tax assessment.

#### *Where can I get assistance with my student loan application?*

The Financial Aid office has three computers available for accessing the on-line application. The Financial Aid team is here all-year-round to help you navigate the world of funding!

#### *If I am registered with the College and another institution, what do I need to consider?*

There are two terms used for students who have registration with multiple institutions. Collaborative Enrollment means your schools have a formal agreement about your program of study and have a collaborative curriculum. Concurrent Enrollment means you are choosing to take transferable courses at different institutions to obtain credits toward your diploma or degree. In order for both institutions to be aware of your loan, and to ensure that you maintain full-time status for eligibility, you are encouraged to speak to the staff in the Financial Aid Office. The Financial Aid Team at GPRC is happy to assist you with the entire student loan process from application through to repayment.

#### *What happens after I apply?*

The Government Student Aid office in the province you apply to (i.e. Student Aid Alberta, Student Aid BC) assesses your application and determines your eligibility. You will receive communication explaining how much money you will receive and when to expect each disbursement. If you have applied online, most provinces have an inquiry section of their website where you can check the status of your application. Budget your money accordingly so that you can make it through the academic year with the funds provided. GPRC Financial Aid can assist you with preparing a budget.

## Financing Your Education

### *Other important information about Student Loans*

If your financial circumstances change, or you feel you did not have the opportunity to state your real situation, you can request a review. Contact the Financial Aid Office for assistance in Requesting a Review.

While you are registered as a full-time student, your loans are in an interest-free and payment free status if you have filed the correct paperwork with your Lenders. We encourage you to take advantage of Financial Aid's services or to check with provincial Student Aid websites for information on maintaining interest-free status.

It is important to remember that your student loan debt is held with a Lender. For Alberta residents, your Canada Student Loans debt is held with the National Student Loan Service Centre and your Alberta Student Loan debt is held with Student Aid Alberta.

When you stop being a full-time student, you will be required to make your first loan payment to your Lender about six months after your last day of studies. Remember that it's extremely important to keep your address up-to-date with your lenders. Details on repayment assistance and repayment options are available through your Lender(s). If you require assistance, the Financial Aid Office would be happy to help!

#### **Part-time Bursary**

Part-time post-secondary students may qualify for a part-time study grant. Eligibility is based on the student's (and their spouse's/partner's) line 150 amount from the previous year's income tax assessment. Applications are available at the Financial Aid Office or online at <http://www.studentaid.alberta.ca/>.

#### **Funding for Students in Academic Upgrading**

The Alberta Works Learner Benefits Program provides financially disadvantaged individuals with the opportunity to access the education and training they require to secure gainful employment. If eligible, students may receive grant funding for either full-time or part-time studies, which may include costs for tuition, books, and living allowance for the duration of their schooling.

#### **GPRC Awards Program**

The Awards Handbooks are available online at [www.gprc.ab.ca/services/financialaid](http://www.gprc.ab.ca/services/financialaid). Be watchful of deadlines.

Scholarships are merit-based awards and are available to students who have completed consecutive Fall and Winter Semesters on a full-time basis. Deadlines vary and for many of the scholarships no application is required.

Bursaries are awards based on financial need and other criteria. Full-time students who have successfully completed the Fall Semester and are enrolled full-time in the Winter Semester may be eligible. Applications are available online in October on myGPRC. Deadline to apply is in early January each year.

The Financial Aid Office sends e-mails regarding internal and external award opportunities on a regular basis. Be sure to check your student e-mail throughout the academic year.

#### **Room o' Plenty (On-Campus Food Bank)**

All students are welcome to use this complimentary, discreet service. Please visit Student Services anytime you need a little extra help throughout the academic year and the Financial Aid team will be more than happy to help you!



## Tuition and Fees

### Tuition and Fees

**Grande Prairie Campus**  
780-539-2981

**Fairview Campus**  
780-835-6605

#### APPLICATION FEES

If you are applying to GPRC for the first time, a \$70 non-refundable application fee must accompany your application. For international (visa) students, the fee is \$140 Canadian.

#### TUITION FEE CONSULTATION

The College policy on Tuition Fee Consultation ensures involvement of student representatives in working groups, committees, or other structures allowing students on-going input into budget developments affecting fees. If you have questions about the consultation process or if you have questions or require additional information about College tuition and fees, please contact Student Services.

#### FEES AND DEPOSITS

Please note the tuition fees may be subject to change. For current information please contact Student Services or see our website.

#### SPONSORED STUDENTS

If you are receiving funding from an outside agency and they would like to be invoiced directly for your educational costs, you must arrange to have them complete a Confirmation of Sponsorship form. This form is available in the Financial Aid Office or on the Financial Aid section of our website and the Financial Aid Team would be happy to assist you with any questions you may have.

This form, outlining what costs the sponsoring agency is willing to cover for you (i.e. tuition, fees, books, supplies, tuition deposit), must be received by the payment deadline specified (see Fee Payment) or you may be assessed a late payment penalty.

#### NON-REFUNDABLE TUITION DEPOSITS

Students are required to pay a \$250 non-refundable deposit\* at the time of registration for the academic year. This deposit will be applied to your account toward tuition fees.

The tuition deposit will not be refunded.

*\*Students in Perioperative Nursing and Harley-Davidson® Technician programs are required to pay a \$500 non-refundable tuition deposit at the time of registration.*

#### FEES FOR INTERNATIONAL STUDENTS

International students are required to have registration fees paid in full at the time of registration.

#### TUITION FEES

Information on instructional fees, tuition and other fees for full-time programs is listed in the Estimated Program Fees on the College website. These amounts are subject to change without notice.

Students registering on a part-time basis should refer to specific course fees listed in the Build Timetable/Course Search on the website. Course specific fees are normally published by April 1.

## Tuition and Fees

### **WITHDRAWAL FOR NON-PAYMENT OF FEES**

If you do not pay tuition and/or fees, or do not make formal arrangements for a payment plan by the final fee payment due date, as outlined in the Guidelines for Academic Schedule, you may be withdrawn from your program and all courses. The Registrar's Office is responsible for official notification of withdrawal and for information as to whether or not reinstatement options are available. The deadline for reinstatement into the program and courses, if available, is no later than 10 working days from the date of withdrawal. You will be charged a \$50 non-refundable reinstatement fee.

### **FEE VARIATIONS**

#### *Audit Fees*

Students who have permission to register as an audit student will generally be assessed 50 percent of the published course tuition fee. Other course fees may apply. A fee reduction may not be available if other discounts have already been applied.

#### *Cost Recovery Fees*

Students enrolling in cost recovery courses, such as Spring travel courses and continuing education courses, can expect fees that may vary from those published in this calendar.

#### *Distance Fees*

Students enrolling in distance delivered courses can expect additional fees that may include shipping and materials fees. The fees are normally listed as Auxiliary Fees on your fee assessment.

#### *International Student Fees*

Tuition fees for International Students are assessed at twice the domestic student rates. Further information is available from Student Services.

#### *Part-time Fees*

Students registering on a part-time basis should refer to specific course fees listed in the timetable and listed on the website. Course specific fees are normally published by April 1.

#### *University Program Fees*

Tuition fees for third and fourth year university level courses offered in collaboration with Athabasca University, the University of Alberta, and the University of Calgary are normally set at University rates. See also Wellness Fees.

### **COURSE AUXILIARY FEES**

If you are registered in specific courses in which specialized equipment or materials, etc. are part of the learning environment, an auxiliary fee will be assessed. Auxiliary fees may vary from course to course. Fees for specific courses will be published in the timetable.

### **ADMINISTRATION FEES**

All courses carry a fee to cover administrative costs such as graduation and library services.

- \$14.00 per course
- \$27.25 flat rate for Apprenticeship Programs

## Tuition and Fees

### EXAMINATION FEES

- Repeat Final Examination \$20
- Reappraisal of Final Examination \$20, may be refunded if reappraisal results in a higher grade
- Challenge Examinations 50 percent of published tuition fees for the course
- Prior Learning Assessment 50 percent of published tuition fees for the course

### OTHER FEES

Parchment Replacement Fee \$20  
Replacement ID Cards \$10  
Official Transcript \$10

### DAMAGE DEPOSITS

A \$30 damage deposit is assessed for each chemistry lab course. If you are responsible for damage to laboratory equipment, the full replacement costs will be charged against the damage deposit. Damage costs in excess of the damage deposit will result in the same penalties as other unpaid accounts until the total debt is paid.

### FEE PAYMENT

Please check program specific important dates located on our GPRC website. Semester fees for most classes must be paid by the deadlines listed:

Fees can be paid each semester by one of the following methods:

- Cheques or money-orders made payable to Grande Prairie Regional College
- Direct Debit.
- Payments by credit card (American Express, MasterCard or VISA) may be made via PlastiQ online through the Financial Tab on your myGPRC account or at [gprc.me/payfees](http://gprc.me/payfees).
- Internet bill payment options available at most financial institutions, using Grande Prairie Regional College as the payee and your Student ID number as the account number

All payments should include your student identification number. International students are required to have registration fees paid in full at time of registration.

If the above fee payment deadlines cause undue hardship, please speak with Student Services as there may be payment options available.

### LATE PAYMENT FEE

If you do not meet the payment deadlines, you may be assessed a late payment fee. A \$50 penalty will be charged to accounts with an outstanding balance of \$250 or more. If you are unable to meet the payment deadlines, you should consult Financial Aid prior to the deadline. If you do not pay tuition and/or fees or make formal arrangements for a payment plan by the final fee payment due date, as outlined in the Guidelines for Academic Schedule, you may be withdrawn from your program and all courses.

### WITHHOLDING ACADEMIC RESULTS AND CREDENTIALS - FINANCIAL HOLDS

The College reserves the right to withhold the granting of official transcripts, certificates and diplomas to students who have not returned College property such as textbooks, equipment or supplies, or who owe money to the College. Students in these situations normally have a hold placed on their student accounts. While your account is on hold, you will not be permitted to register for other courses and you will not receive transcripts or credentials.

If you have applied to graduate and have not cleared outstanding accounts, you may not be allowed to participate in Convocation ceremonies and you will not receive graduation documents until your account is in good standing.

## Tuition and Fees

### REFUNDS

The deadline for you to drop Fall or Winter registrations for full tuition and fee refund is declared in Important Dates. A student withdrawn for disciplinary reasons shall be ineligible for a refund of fees. Wherein the College has a contract with an outside agency that agrees to cover a student's tuition and fees, the terms and conditions dealing with refunds may differ from College policy.

### LOCKER FEES

#### Grande Prairie Campus

Lockers are available for rental online (payment by credit card only).

- Small lockers with a combination lock, \$10
- Medium lockers with a combination lock, \$25
- Large lockers with a combination lock, \$35

Locker rentals are also available for change rooms in the Fitness Centre. You may wish to contact the Fitness Centre Office directly for information on their lockers.

You will want to clear out your locker at the end of the semester. The College will not be responsible for any belongings left in the locker at the end of your rental period.

### STUDENT PRINTING

Printing is charged at a cost of \$0.10 per sheet (each sheet represents 2 pages, when printed double-sided).

You will have a printing account established with a credit balance at the beginning of each course. For credit courses, you will receive a credit equivalent to \$1.00 per credit of courses that you are enrolled in. For non-credit courses (i.e. Apprenticeship), you will receive a credit equivalent to \$1.00 per week of study.

You may add to your printing balance at any time by purchasing additional credits online using a credit card, or by purchasing additional credits at the Library, the Bookstore, or at Student Services (Grande Prairie Campus only).

### WELLNESS FEES

#### Grande Prairie Campus

- \$10 per course
- \$10 per course for Collaborative Programs

#### Fairview Campus

- \$2.50 per week

At GPRC, we believe in a healthy body and a healthy mind, which is why the Student Wellness Program was created. As such, each GPRC credit student pays an administration fee for courses offered at both the Grande Prairie & Fairview campuses.

The intent of the program is to allow students to learn lifelong skills in the area of well-being and good health and to put them into practice. Students have the opportunity to develop these skills through free access to the GPRC Fitness Centre and Climbing Gym, as well as access to a variety of wellness programs, seminars, activities and special events.

Options may include subsidies in local GP league recreation fees, Campus Recreation--Intramural Sports like volleyball, basketball, dodgeball, ultimate frisbee, etc., many fitness class opportunities such as, yoga classes, sculpt fitness, bootcamps, dance lessons, Zumba, nutrition seminars, self-defense classes, as well as weight room orientations and training options, and much more!

With added growth each year, Student Wellness has many useful resources and networks that will be healthy alternatives for students, giving students a higher understanding of what it means to lead an active and healthy lifestyle and to find out more of what's going on in the world of wellness.

## Tuition and Fees

### STUDENTS' ASSOCIATION FEES

Students' Association establishes rates for Students' Association fees that are assessed upon registration. These fees are due and payable under the same terms and conditions as tuition fees.

Students registering in credit courses will be assessed Students' Association fees as follows:

**Distance** - \$5.69 per credit

#### Grande Prairie Campus

- \$8.33 per credit Students' Association fee for university transfer, certificate and diploma programs
- \$53.99 Students' Association fee for 6-week Apprenticeship programs
- \$73.71 Students' Association fee for 8-week Apprenticeship programs
- \$89.66 Students' Association fee for 10-week Apprenticeship programs
- \$108.00 Students' Association fee for 12-week Apprenticeship programs
- \$145.40 Students' Association fee per semester for 16-week Trades Program

#### Fairview Campus

- \$50.20 Students' Association fee for 6-week Apprenticeship programs
- \$68.55 Students' Association fee for 8-week Apprenticeship programs
- \$71.66 Students' Association fee for 10-week Apprenticeship programs
- \$100.45 Students' Association fee for 12-week Apprenticeship programs
- \$139.84 Students' Association fee for one-semester programs
- \$279.67 Students' Association fee for one-year programs

### STUDENT HEALTH AND DENTAL PLAN

780-539-2962

Fees for the Student Health and Dental Plan are subject to changes by the Insurer.

The College assumes all students have basic health care coverage. Students registered in most full-time credit programs may be enrolled in the mandatory extended student health plan. A student may opt out of this plan if s/he can prove extended coverage by another plan. Full-time is defined for this purpose as nine or more credits of study. Please refer to eligibility on the SAGPRC website.

You will be assessed health and dental fees at a rate based upon the semester in which you enrolled. If you wish to add other family members to the plan, there will be additional charges. Information pertaining to the premium and specific benefits can be obtained at the Students' Association office. Student Health and Dental Plan fees are due on the same date as other fees for the semester.

#### *Option to Waive Health and Dental Fees*

Start Date	Extended Health	Dental	Total Health Fees	Opt Out Deadline
September	\$177.78	\$171.69	\$349.17	Sep 18, 2017
January	\$118.58	\$114.37	\$232.95	Jan 18, 2018

Students who have extended health and dental coverage may opt out of the plan by completing the required on-line waiver as per the dates listed. Waivers are valid as long as you continue to be a GPRC student. Please see [www.sagprc.com](http://www.sagprc.com) for more information.



## Academic Regulations

# Regulations and Policies

### **ADVANCED STANDING**

Recognition of prior learning through course work completed elsewhere, or through work and life experience, may be awarded in one of three ways; Advanced Credit, Challenge Exams, or Prior Learning Assessment. Please refer to the academic policy on Recognition of Prior Learning on the College website.

Application Forms for Advanced Standing are available from Student Services. All advanced standing decisions are coordinated through Student Services and are based upon the policies listed below.

Credits earned through advanced standing may not be included in a current credit load for purposes of maintaining full-time student status. If you are applying for a student loan or award and need to be in full-time attendance, it may be necessary for you to substitute other courses. Please check with Financial Aid. Credits earned through advanced standing will not be included in computation of your grade point average (GPA) with GPRC.

Advanced standing granted by GPRC is for internal graduation purposes. Students transferring to other educational institutions are reminded that transfer credits awarded to any student for previous learning are subject to authority of each respective receiving institution.

No more than half of the program credits can be obtained through advanced credit or challenge exams. Departments may consider exceptions.

### ***Advanced Credit***

Advanced Credit will normally be considered for courses in certificate and diploma programs. The authority to grant advanced credit for courses within the university transfer system belongs to the university awarding the degree.

Advanced credit may be granted for courses completed at another institution. If you are applying for advanced credit, you will need to provide copies of all academic transcripts. You may also need to provide course outlines for all courses in which credit is sought or calendar descriptions if course outlines are not available.

Only courses in which you have received a passing grade will be considered for Advanced Credit. The College reserves the right to determine the minimum passing grade required for transfer credit approval. While the College may accept for transfer credit a course with a minimum passing grade as determined by the sending institution, individual program progression or course prerequisite criteria may exclude you from the next level of study. Statute of Limitations may apply.

If Advanced Credit is granted, this will be noted on your GPRC transcript.

### ***Challenge Exams***

Some programs will allow students who demonstrate knowledge in the subject matter of a particular course to seek credit through challenge exams. Normally, only courses currently offered may be available for challenge. The department will determine whether credit may be earned by challenge exam in a specific course.

There is a fee payable prior to completing a challenge exam. The grade obtained shall be recorded on the student's official transcript for the academic session in which the challenge exam is completed. Unsuccessful challenge attempts will not be recorded on the student's transcript.

Credits and grades earned through challenge examinations will be recorded on the student's transcript for the academic session in which the assessment has been completed and will appear on the transcript with the grade remark of E, Grade Awarded by Special Assessment. Grades awarded by special assessment are not included in the calculation of your GPA.

## Academic Regulations

### ***Prior Learning Assessment***

Prior learning obtained through work, non-formal education, or self-studies may be relevant to some of our certificate or diploma programs. Once application has been made to GPRC, a Prior Learning Assessment and Recognition application may be completed and submitted to the appropriate department.

If the department approves an application for Prior Learning Assessment and Recognition (PLAR), the student will be assessed a non-refundable fee. Approval of an application for Prior Learning Assessment and Recognition does not guarantee credit will be given. Assessment may take the form of interviews, oral examinations, portfolio or evidence file assessment, special project, practical and/or laboratory demonstrations.

PLAR credits and grades received shall be recorded on the student's transcript for the academic session in which the assessment has been completed and will appear on the transcript with the grade remark of "E", Grade Awarded by Special Assessment.

### **GRADING SYSTEMS**

Grande Prairie Regional College records and reports final grades for the purposes of students' academic records using the alpha grading system, and the following approved letter codes, for all programs and courses offered by the College. Alpha grades will be converted to four-point equivalence for the calculation of GPAs.

Alpha Grade	4-Point Equiv.	Descriptor
A+	4.0	Excellent
A	4.0	
A-	3.7	Very Good First Class Standing
B+	3.3	
B	3.0	Good
B-	2.7	
C+	2.3	Satisfactory
C	2.0	
C-	1.7	
D+	1.3	Poor*
D	1.0	Minimal Pass*
F	0.0	Fail
WF	0.0	Fail, withdrawal after the deadline

The following letter grades may also be used:	
AU	Audit; no credit given, not included in calculation of the Grade Point Average (GPA)
AUF	Did not meet the audit requirements
CR	Credit; course requirements successfully completed, credit awarded
IN	Incomplete; indicates that course requirements are not complete and that an extension has been granted. Normally, extensions are 20 business days from the last scheduled meeting of the courses. Students who fail to complete requirements by the approved extension day will receive an "F" in the course.
IP	In Progress; assigned the first term of a two-term course.
IPF	In Progress Fail; assigned to the first term of a two-term course if the student failed the course after the completion of the second term of the course.
IPW	In Progress Withdraw; assigned to the first term of a two-term course where the student earns "W" in the second term of the course.
NC	No Credit; course requirements not successfully completed, credit not awarded
TR	Transfer credit awarded on the basis of successful completion of equivalent learning from another institution
W	Withdrawal with permission; not calculated in GPA

*\*A grade of D will be considered a minimum passing grade and will normally meet the prerequisite requirements for the next level of study. Exceptions to this will be clearly stated in prerequisite requirements in the course description or in program progression criteria.*

*Other post-secondary institutions may not consider grades of D sufficient to award transfer credit. Currently, the University of Alberta will not accept courses completed with grades of "D" or "D+" for transfer. Some post-secondary institutions, for example, the University of Calgary, may accept courses with grades of "D" for transfer credit but may not allow you to use the courses as prerequisites to other courses.*

## Academic Regulations

### ***Grade Remarks include:***

E	Grade awarded by special assessment. Grades awarded by special assessment are not included in the calculation of your GPA.
G	Grade awarded on the basis of repeat final examination.
M	Granted deferred final examination.
S	Granted repeat final examination. Examination not repeated.

### **Percentage Conversion**

Courses submitting grades as an alpha letter grade with a pass mark of D are normally advised to use this percentage conversion as a guideline. Where the course outline does not declare an alternative, the Percentage Conversion table shall apply.

Percentage Conversion	Alpha Grade
90-100	A+
85-89	A
80-84	A-
77-79	B+
73-76	B
70-72	B-
67-69	C+
63-66	C
60-62	C-
55-59	D+
50-54	D
0-49	F

Instructors submitting grades as a percentage with a pass mark of 50 percent will use the above table. Courses with a pass mark higher than 50 percent will adjust the assigned letter grade to show failing marks. For example, if 85 percent is the pass mark and the student has a mark of 83 percent, the student would receive an “F” and 0 credits would be earned for the failing mark.

### ***Audit***

If you choose to Audit a course, you will attend lectures, and participate in classes only to the extent permitted by the instructor. Audit students are not typically responsible for graded work. Audits are recorded on an official transcript with a grade of AU. Some courses are not open to audit students. Registration for audit cannot be completed online. Completed Audit Agreements with the signature of the instructor are required in order to process an audit. The deadline for admitted students to change from credit to audit or audit to credit is the Withdraw with Permission deadline. There is a cost to audit a course and refunds will not be given after the drop deadline.

Audit students may be permitted in Visual Arts courses after all credit students have been accommodated and if there are seats available. You will not be permitted to audit a specific studio course more than once. If you wish to audit a travel course, it must be approved prior to leaving on the course.

## Academic Regulations

### ***Grades and Transcripts***

#### **Official Grades**

Grades are available on your myGPRC account, and are subject to change. Students can generally expect grades to be official in mid-January for Fall Semester courses, mid-May for Winter Semester courses, and mid-September for Spring and Summer courses.

Students are responsible for checking their online student account regularly, and for ensuring the accuracy and completeness of their official record at the end of each semester.

#### **Official Transcripts**

To request official transcripts of your academic record, you will need to complete a Transcript Request form. This form along with other useful information regarding transcripts can be found on our website.

#### **Co-curricular Transcript**

If you have participated in an extracurricular activity that has received approval as a recognized learning activity, you may apply for a co-curricular transcript. Application forms are available from Student Services. Applications must be completed and returned to Student Services by May 15th.

### ***Academic Standing***

#### **Honours**

Academic honours will be noted on your transcript and graduation parchment.

#### ***First Class Standing***

“1st Class Standing” is recognition of academic honours of a GPA of 3.3 or better. You will be awarded “1st Class Standing” if you meet the GPA requirement and successfully complete:

- all the requirements for a certificate, or
- all the requirements for first or second year of a diploma, or the academic year (Fall and Winter Semester) as a full time student enrolled in a minimum of 15 credits each semester for the academic year.

#### ***With Distinction***

“With Distinction” is recognition of academic honours when you maintain “1st Class Standing” over both years of a diploma curriculum or over two successive academic years as a full-time student enrolled in a minimum of 15 credits each semester for each academic year.

### ***Outstanding Achievement***

#### **President’s Honour Roll**

Your name will be placed on the President’s Honour Roll if your GPA is 3.5 or better and you are a full time student enrolled in a minimum of 15 credits each semester for the academic year (Fall and Winter Semester). Students who qualify for President’s Honour Roll will receive a letter of academic excellence from the President and their names will be presented to GPRC’s Board of Governors.

## Academic Regulations

### ***Unsatisfactory Standing***

#### **Required to Withdraw**

Academic standing is regularly reviewed. In an extreme case, you may be asked to withdraw from College studies. If you are a full-time student, and you fail to achieve a minimum GPA of 1.0 for the academic year, you will be required to withdraw and you will not be considered for readmission the following academic year. Student Services will notify you of this and the statement "Required to Withdraw" will appear on your College transcript.

If you have been out of College for at least one academic year following being required to withdraw from GPRC or from another college or university, you may apply to GPRC. Your application will be considered without penalty.

#### **Appeals**

If you have been required to withdraw due to poor grades and wish to re-enrol for the next consecutive semester, a letter of appeal must be submitted to the Registrar. The letter should state the program to which you are applying, why you feel you should be readmitted, why previous work was unsatisfactory and how you plan to overcome earlier problems.

If you are approved for readmission, you will be asked to enter into a contract with the College. Attendance, midterm performance and regular appointments with your advisor will be monitored for the year. The Chairperson and the Registrar make the final decision regarding appeals. If you were asked to withdraw from another college or university, you will need to follow this appeal process.

### ***Academic Standing and Athletic Participation***

You must be a full-time student to be considered eligible for Alberta Colleges Athletic Conference (ACAC) athletic participation. To maintain eligibility, you must attain a minimum grade point average (GPA) of 1.0 in your first semester of study and a GPA of 1.5 thereafter. Suspensions will be enforced if you fail to meet the 60 percent enrolment requirements or if you fail to achieve the minimum GPA requirements for each semester of study.

If you are participating on ACAC teams, you may be eligible to receive an athletic scholarship. To receive an athletic scholarship, you must attain a minimum GPA of 2.0 in the previous semester. If you do not achieve this minimum expectation, you will not be nominated to receive an athletic scholarship in the next semester.

## **EXAMINATIONS**

Beginning and ending dates for the final exam period for your program are listed in Program Dates. Students are advised to take note of these dates and to be available for the duration of the examination period.

Student Services will publish the examination schedule for the Fall Semester examination period and for the Winter Semester examination period according to College policy. You will find the Examination Schedule on your myGPRC account.

Where courses are exempt from the examination period, students can expect that the course timelines are using the full schedule of the course to maximize instructional advantage and that the course timelines will not create undue hardship for students in the last week of classes in each semester. Written or oral testing worth 20 percent or more will not be given in the last week of classes.

The final examinations for Spring or Summer semester courses will normally be scheduled during the regular class time and will normally be the last day the course meets. The course outline will specify any extraordinary final examination details.

Where students make plans that might interfere with their ability to attend a scheduled examination, the College is not obliged to provide an alternate examination time.



## Academic Regulations

### ***Examination Procedures***

You are required to sign in for examinations and may be required to present your student identification card. Students who fail to report for a scheduled examination and who do not qualify for a deferred examination will receive a grade of “F” for the missed examination.

The examination schedule will provide a three-hour period for each examination, however, not all examinations will be three hours. Examination test papers will specify the time allotted for the examination. Examinations will start at the scheduled time. Extra time will not be allotted to students who arrive late for an examination.

Students will not normally be permitted to leave the examination room within the first half-hour of the examination period.

Absolutely no examination materials may be removed from the examination room. All papers, answer forms and examination question sheets must be returned to the instructor.

If you leave the examination room for any reason unacceptable to the instructor, you must hand in all examination materials and it will be assumed that the examination is completed.

Electronic recording or transmitting devices (i.e. cell phones, iPods, Blackberries, MP3 players, calculators, etc.) will not be normally allowed during a final examination unless the instructor has specifically given permission.

You should note that instructors will take reasonable precautions to prevent cheating and disruptions during examination.

### ***Debarred From Exams***

You may be refused permission to write a final examination in a course on the advice of the instructor concerned, and with the concurrence of the Department Chairperson and the Registrar. This may happen when attendance requirements are specified in the course outline and when the student’s absences exceed the specific attendance requirements.

If you are debarred from writing a final examination on the basis of attendance, you will be assigned a grade of “F” for the examination.

### ***Deferred Exams***

Deferred final examinations may be granted when an examination has been missed or interrupted because of illness, domestic problems or a conflict with religious beliefs. In the case of illness, medical documentation will normally be required.

To be considered for a deferred examination, you must notify Student Services within forty-eight hours (before or after) of the scheduled examination time of any missed or interrupted examinations.

Deferred examinations must be completed within twenty days of the end of the examination period. The deadline for completed deferred examinations is published in Important Dates. The final grade in the course will indicate that the grade was based on a deferred final examination.

You will not be granted a deferral for an interrupted examination if you failed to notify the instructor during the examination of the need for an interruption. You should also note that if you fail to report for a scheduled examination and do not qualify for a deferred examination, you will receive a grade of “F” for the missed examination.

## Academic Regulations

### OBTAINING A REAPPRAISAL

#### *Final Exam*

If you believe a mistake has been made grading a final examination, you should discuss the matter with the course instructor. If the instructor is not available or if you are not satisfied with the instructor's review, you may apply for a reappraisal by writing to Student Services within 30 days after the grades are released. The final grade you receive for the course may be lowered, raised or left unaltered depending on the outcome of the reappraisal. A fee will be charged for each reappraisal. The fee will be refunded if the reappraisal results in a higher grade.

#### *Final Grade*

If you believe a mistake has been made in the calculation or reporting of your final grade, you should discuss the matter informally with your instructor. If your instructor is not available, or if you are not satisfied with the instructor's review, you should apply in writing for a reappraisal of your final grade. You must apply to Student Services for a reappraisal of final grade within ninety days of the publication of final grades. Your final grade may be lowered, raised or left unaltered as a result of the reappraisal.

#### *Repeat Final Exams*

You will be granted opportunity for a repeat examination in a course when you have written the final examination and the grade of the exam results in a failing grade in the course or lowers your grade by three letter grade increments (for example, A- to B-). In order to qualify for a repeat final examination the final examination must be worth forty percent or more of the final course grade and you must have achieved a passing average on all other work in the course.

Completed "Applications for Repeat Final Examinations", including instructor's approval and signature, must be submitted to Student Services with applicable payment within fifteen (15) business days of the end of the scheduled examination period. Repeat examinations must be completed within five (5) instructional days following the application deadline. The deadlines for application and completion of repeat final examinations will be detailed in the Academic Schedule.

The grade on the repeat final examination replaces the grade on the final examination. The repeat final exam may cause your final grade to be raised, lowered, or left unaltered. A final grade based on a repeat final examination will be coded with a "G". Only two repeat final exams are permitted per academic year.



## Academic Regulations

### Graduation

#### ***Be recognized as a College Graduate!***

GPRC is proud of its graduates and celebrates their success. As a GPRC graduate, your name may be published in the Convocation Program with information on the program of studies you have successfully completed. The details made public at Convocation may also include any academic honours you have been awarded. Names of students graduating from various College programs and the academic honours students have been awarded may also be released to the media or be included in other College publications.

For information on the graduation ceremony, see Convocation on the College website.

#### ***Apply to Graduate***

If you have successfully completed the required courses in your curriculum and met all graduation requirements for the program, you may be eligible to receive a certificate or diploma.

Your eligibility to graduate will normally be considered in accordance with requirements shown in the calendar of the year in which you first enrolled and were admitted into the program.

If you believe you qualify for a certificate or diploma, you need to apply online through your myGPRC account. There is no cost to completing the application form to have your academic record reviewed and your graduation status evaluated. If you qualify for a College certificate or diploma, your official College transcript will be updated.

#### ***Residency Requirement***

You may transfer credits from another institution or accumulate credits from advanced standing or challenge procedures in order to fulfill curriculum requirements. In order to graduate, you must complete 50 percent of the curriculum requirements of your program at GPRC.

#### ***Grade Point Average Requirement***

A minimum grade of D is required in any course considered for graduation. Some programs may require more than this minimum requirement and may require you to present an overall grade point average (GPA) that exceeds 1.0. Additional graduation requirements are detailed in the program description section of this calendar for each program.

#### ***Withholding Academic Results and Certification***

##### **Financial Holds**

The College reserves the right to withhold the granting of official transcripts, certificates and diplomas to students who have not returned College property such as textbooks, equipment or supplies, or who owe money to the College. Students in these situations normally have a hold placed on their student accounts. While your account is on hold you will not be permitted to register for other courses and you will not receive transcripts or credentials.

If you have applied to graduate and have not cleared outstanding accounts, you may not be allowed to participate in Convocation ceremonies and you will not receive graduation documents until your account is in good standing.

## Student Conduct

# Student Conduct

As a student, it is your responsibility to read, understand and comply with the college's academic policies, which are reviewed regularly, updated and posted on our college website. If you have any questions regarding these policies, please contact Student Services. Please see the academic policy on [Student Rights and Responsibilities](#) on the College website.

## ATTENDANCE

Regular attendance is crucial for student success. As noted in the Student Rights and Responsibilities, faculty members may prescribe attendance requirements for specific courses and in addition, programs may have mandatory attendance requirements.

Students receiving training allowances or other forms of financial assistance are expected to be aware of and comply with the conditions of their sponsorship, which generally require regular attendance. The College is obliged to provide attendance requirements directly to the sponsoring agency to ensure continued financial assistance.

Attendance is mandatory for apprentices. Unauthorized absences may result in termination of training and training allowances.

## DRESS

Students are expected to conform to dress and safety standards consistent with those of the career field of their program for health, safety, and sanitary reasons. GPRC reserves the right to establish codes of safety and health dress standards in addition to government and professional standards.

## ACADEMIC GRIEVANCE

If you feel the actions of an academic staff member are affecting your academic standing, you are encouraged to seek advice and follow the procedures detailed in the Student Academic Grievance Policy. All discussions regarding your concerns are bound by a code of professional ethics that demands confidentiality unless you specifically give permission in writing for the information to be shared.

Normally, you will be encouraged to approach the instructor to share your concern. If satisfaction is not achieved as a result of the discussion with the instructor, you are encouraged to carry the concern to the Chair of the Department. The Chair will normally meet with you and the instructor to facilitate a timely resolution to the issue. You may request the presence of an advocate at this stage or at any other stage in the grievance process.

If your concerns are not resolved by these informal processes, the Chair of the Department will ask you to prepare a written statement of the grievance which clearly indicates the outcome you expect and the appropriate Academic Dean shall try to negotiate the resolution. This step normally moves your concern into the formal grievance process. At this stage you will want to ensure that you have a complete copy of the Student Academic Grievance Policy.

Students have the right to fair and equitable procedures for resolving matters affecting academic standing. The Student Academic Grievance Policy is available on the College website.

## COPYRIGHT

Students must obey the Canadian Copyright Act. If you require specific information about copyright, please consult the Library Digital Production Technician or the Library Reference person on duty. GPRC's policy and guidelines for academic use of copyright-protected works may be found on the Library website.

## ACADEMIC DISHONESTY

The College expects intellectual honesty from its students. Intellectual honesty demands that the contribution of others be acknowledged. To do less is to cheat. Intellectual dishonesty undermines the quality of academic activity and accordingly, the College has adopted appropriate penalties for student misconduct with respect to plagiarism and cheating. Penalties are levied according to the degree of the infraction. If you are unsure whether a particular course of action might constitute plagiarism, you are advised to consult with the instructor.

## Student Conduct

### PLAGIARISM

Plagiarism means submitting work (words, ideas, images, or data) in a course as if it were your own work done expressly for that particular course when, in fact, it is not. Most commonly plagiarism exists when:

- the work submitted or presented was done, in whole or in part, by an individual other than yourself (this includes having another person impersonate you or otherwise substitute the work of another for your own in an assignment, examination, or test)
- parts of your work are taken from another source without reference to the original author. This includes ideas, words, and images appearing in print, digital, graphical, internet, audio and video formats
- you submit or present the work in one course which has also been submitted in another course (although it may be completely original with you) without the prior agreement of the instructor
- clinical or laboratory reports are falsified or fabricated.

While it is recognized that academic work often involves reference to ideas, data and conclusions of others, intellectual honesty requires that such references be explicitly and clearly noted.

Instructors may choose to use online plagiarism detection services. When you submit a paper, it is understood that you are consenting to such a procedure and that you cannot claim any copyright violation should such paper be uploaded to an online plagiarism detection database.

### CHEATING

Cheating on tests or examinations includes, but is not limited to, the following:

- dishonest or attempted dishonest conduct such as speaking to other students or communicating with them under any circumstances whatsoever
- bringing into the examination room a textbook, notebook, memorandum, other written material or mechanical or electronic device not authorized by the examiner or instructor
- writing an examination, or part of it, outside the confines of the examination room without permission to do so
- consulting any person or materials outside the confines of the examination room without permission to do so
- leaving answer papers exposed to view, or any attempts to read other students' examination papers
- tampering or attempts to tamper with examination scripts, class work, grades and/or class records; the acquisition, attempted acquisition, possession, and/or distribution of examination materials or information not authorized by the instructor
- impersonation of another student in an examination or other class assignment.

If you voluntarily and consciously aid another student in the commission of one of these offenses you are also guilty of misconduct.

Any attempt to commit academic misconduct will bear the same consequences as if the act occurred. A student who assists another student in an act or attempted act of misconduct will also be considered to have committed an offense.

### PENALTIES

First offenses are normally treated with a warning and/or failing grade on the work in question. Repeat infractions or academic misconduct that is willful and significant may result in a failing grade in the course, requirement to withdraw from a course or program, and in the most extreme cases, expulsion from the College. If you have been accused of academic misconduct, and it is determined that the misconduct did not occur, you will be given an opportunity to complete the assignment, rewrite the exam, or receive the grade that you would have been entitled to. All decisions and disciplinary actions concerning academic misconduct are subject to the appeal process outlined in the Student Academic Grievance Policy.

## Student Conduct

### NON-ACADEMIC OFFENCES

The disciplinary power of the College is inherent in its responsibility to protect its educational purposes and processes through the setting of standards of conduct and through the regulation of the use of its facilities. By registering with the College, you agree to abide by the rules and regulations of the College and will be governed by the established standards of conduct that apply to students whenever they are on property owned, leased or operated by the College.

“Non-Academic Misconduct” means behaviour on property owned, leased or operated by the College, that violates explicitly stated College rules and regulations, or a Federal, Provincial or Municipal statute, regulation or by-law. Student misconduct includes but is not limited to:

- Furnishing false or misleading information to College officials or on official College records or altering or tampering with such records
- Theft, malicious destruction, damage or injury to property
- Appropriating, for his/her own use, property not his/her own without the consent of the owner or person legally responsible for it
- Possession, use or distribution of any illegal substance
- Unauthorized consumption, possession, or distribution of alcoholic beverages
- Unauthorized entry into, or use of College facilities
- Failure to comply with directions of College administrative officers or faculty within the purview of their authority when carrying out their normal duties
- Conduct which causes injury to a person and/or damage to College property or to the property of any member of the College community
- Bullying, violence or threat of violence
- Unacceptable behavior or language (on campus, in classrooms, while using computers, at events, on trips, etc.)

When harassment/discrimination is alleged, all individuals are treated in accordance with the Resolution/Complaint Procedures outlined in the Anti-Discrimination and Anti-Harassment Policy. When it is determined that a student poses a threat to campus security or to the safety of any person on campus, the College reserves the right to take immediate and necessary action. This may include immediate suspension from GPRC until a hearing can be held which will normally occur within ten (10) business days. The threat may result from activities or behavior that occurred on or off campus. The person responsible for the student whose behavior is in question in that particular setting should make every effort to resolve the matter immediately as long as there is no threat of potential harm to the supervisor or others present.

The levels of authority required to approve the disciplinary action are found in the following continuum:

If your conduct is under review, you are advised to review the full academic policy on Student Misconduct: Academic and Non-Academic available online.

Disciplinary Action	Level of Authority Required
i. Warning	Person in supervisory role when the misconduct occurs
ii. Removal from activity	Person in supervisory role when the misconduct occurs
iii. Non-academic probation	Divisional Dean and Director, Student Experience
iv. Restitution	Divisional Dean and Director, Student Experience
v. Community Service	Divisional Dean and Director, Student Experience
vi. Suspension or expulsion	Vice President, Academics and Research / Dean and Principal, Fairview (based on campus where act of misconduct occurs)

*Appeals of (i.) through (v.) above should be directed to the Vice President Academics and Research / Dean and Principal, Fairview. Appeals of (vi.) above should be directed to the College President.*



## University Transfer

### University Transfer Basics

GPRC university transfer programs are the first steps to degree completion. Our transfer programs provide the opportunity to begin university studies with the advantage of highly qualified faculty, low student-instructor ratio, a friendly supportive environment and affordable tuition fees.

#### *What is a university transfer program?*

University transfer programs are special programs offered at colleges in Alberta. A university transfer program allows you to begin university studies at the College and then transfer to a university or a private university college to complete the degree.

GPRC offers one to two years of university transfer course work toward a variety of degree programs. Many students in our university transfer programs complete their programs at degree-granting institutions within Alberta. Others transfer successfully to degree-granting institutions elsewhere in Canada.

#### *How do I know which GPRC courses will transfer?*

GPRC courses with approved transfer arrangements are identified in the Course Description section of the calendar. "UT" denotes that the course transfers to at least one degree granting institution in the province. The Alberta Transfer Guide lists all the specific details on approved course and program transfer agreements that the College has with post-secondary institutions in Alberta.

The information in the Transfer Guide changes annually with additions, deletions and amendments. You should consult the edition of the Transfer Guide that corresponds to the academic year in which you plan to take the course. The Alberta Transfer Guide is accessible at [www.transferalberta.ca](http://www.transferalberta.ca). If you have questions about transfer agreements call the Alberta Council on Admissions and Transfer (ACAT) toll free at 310-0000 and ask for 780-422-9021 or email ACAT at [acat@gov.ab.ca](mailto:acat@gov.ab.ca).

#### *Will I get the credit noted in the Transfer Guide?*

Yes. If the university course listed as "equivalent" to the GPRC course is appropriate to the degree program you want to enter, you will be guaranteed the transfer credit shown in the Guide. However, if you change to an unrelated program there may not be room in your new program for all previously completed courses. In addition, some universities specify a minimum grade for transfer credit. This information can be found in the universities' calendars. To ensure full transferability to a specific university degree program, the course work completed must meet the stated program requirements of the university program to which you plan to apply.

#### *Am I guaranteed university admission?*

Completion of university transfer courses does not guarantee admission to programs at degree-granting institutions. Admission to degree programs is normally competitive and there may be limitations (quotas) on the number of students admitted to the degree program.

#### *What university transfer courses should I take?*

The College calendar provides advice on courses you should consider for your university transfer program. Once you have decided on a university, use the GPRC calendar, the Alberta Transfer Guide, and the current calendar of your chosen receiving institution to plan your program and to verify transferability.

The current calendar from the degree-granting institution you ultimately want to attend will provide specific information on admission, program and graduation requirements. As you review the university's calendar you should seek answers to the following questions:

- What courses are required?
- How many and what kinds of electives (options) are permitted?
- What courses are needed to meet the major requirements?
- How many junior courses can I take for credit?
- How many courses (credits) can I transfer into the program?
- Will grades on my university transfer courses be counted for promotion, probation, and graduation, or only for purposes of admission to the university?

## University Transfer

You will want to understand your program and the transfer guidelines. To successfully transfer to the institution to which you plan to apply for degree completion, you are required to meet the admission and course requirements set out by the receiving institution. Your courses must be transferable, must fit your program, and your academic standing must at least meet the minimum required by the institution.

Choose your courses wisely so that the courses are appropriate for the degree program. If the degree is offered at another institution, plan to take courses that will also fit that institution's program requirements. You may not be able to gain admission to your first choice but you will have kept your options open.

Degree program requirements change from time to time so make sure you are using the most recent edition of the College calendar and the calendar from the degree-granting institution.

### ***Who should I ask if I have questions?***

If you have questions and wish to discuss your program or course selection, you are encouraged to consult with an Academic Advisor. If you are admitted to a university transfer program at GPRC, you may consult with an advisor in Student Services or a Certified Faculty Advisor. While the majority of university transfer programs at GPRC are modeled on University of Alberta programs, you can successfully apply to transfer to degree-granting institutions elsewhere. If you are considering an out-of-province institution, you are welcome to discuss your plans and course choices with your advisor.

## **ALBERTA COUNCIL ON ADMISSIONS AND TRANSFER**

11th Floor, Commerce Place  
10155 - 102 Street  
Edmonton, AB T5J 4L5  
Toll Free 310-0000, 780 422-9021  
[acat@gov.ab.ca](mailto:acat@gov.ab.ca)  
[www.transferalberta.ca](http://www.transferalberta.ca)

The College is a member of the Alberta Council on Admissions and Transfer (ACAT), an independent body that coordinates all activities related to post-secondary transfer within the province of Alberta. Transfer enables students to move from one post-secondary institution to another and receive credit for prior study. GPRC has formal course and program transfer arrangements with the post-secondary institutions in Alberta, Northwest Territories and Nunavut.

## **FORMAL TRANSFER ARRANGEMENTS**

ACAT prepares the Alberta Transfer Guide that outlines all the course and program transfer agreements in effect between post-secondary institutions in Alberta, British Columbia, Yukon, Northwest Territories and Nunavut.

Students wishing to transfer from the College to another institution in the province should refer to the Guide and other transfer information available online or contact the ACAT office directly.

A number of the university transfer programs make reference to "junior" and "senior" courses. At the University of Alberta, for example, courses numbered at the 100-199 are considered basic undergraduate or "junior" courses and normally have no university-level prerequisites. U of A courses numbered at the 200-299 may have 100-level prerequisites and are typically designed for students in the second year of a program; and courses numbered at the 300-399 may have 200-level prerequisites and are typically designed for students in the third year of a program. At the U of A courses numbered 200 and above are considered "senior" courses.

If you are trying to determine the "junior" or "senior" level of your course selection, you should refer to the Alberta Transfer Guide and to the calendar of the university to which you intend to transfer.

## Apprenticeship

### Apprenticeship



# Apprenticeship

## Apprenticeship

1-888-822-2250  
[apprenticeship@gprc.ab.ca](mailto:apprenticeship@gprc.ab.ca)

GPRC Grande Prairie  
GPRC Fairview

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### WHAT IS APPRENTICESHIP?

Apprenticeship is a method of gaining the expertise needed to become a skilled tradesperson. This is done through a combination of on-the-job and classroom training. Typically, apprentices train for four years (although this varies by trade), spending four to sixteen weeks a year in an educational institution and the rest of the time training on the job. When all training has been completed, the apprentice writes provincial examinations set by industry and the Government of Alberta, and if successful becomes certified by the Province as a qualified tradesperson or journeyman. Upon completion of the program the apprentice may also write interprovincial exams to obtain Red Seal status.

### THE PROCESS

To become an apprentice you must be at least 16 years old, meet the educational requirements for the trade in which you are interested, and find employment with an employer who is willing to hire and train you as an apprentice.

Once hired, the employee discusses apprenticeship training with the employer, obtains appropriate approvals, and enters into a contract. This contract is then registered with Alberta Apprenticeship and Industry Training (AIT). AIT will issue an identification card, a course outline booklet, and an apprenticeship record book.

Apprentices will receive notification by mail from AIT, and must then go online ([tradesecrets.alberta.ca](http://tradesecrets.alberta.ca)) for a list of all the training opportunities available for the trade for the next academic year.

The apprentice must contact GPRC to register for an intake. Full tuition and other fees are due and payable at the time of registration.

The apprentice will attend GPRC on the start date specified online. Apprentices will be notified by GPRC if the class dates or location are changed. Failure to attend may lead to cancellation of the registration.

### FEES AND EXPENSES

Apprenticeship tuition is set by AIT, and varies according to the length of training. Apprentices also pay applicable GPRC and GPRC Students' Association fees and are responsible for required textbooks and course supplies.

The Apprenticeship Program is administered by AIT. As a training provider, GPRC adheres to all AIT policies. The AIT website, [tradesecrets.alberta.ca](http://tradesecrets.alberta.ca) provides complete information about apprenticeship training, including enrollment procedures; fees and financial assistance; and attendance, performance, behaviour, and cheating policies.

# Apprenticeship



**What does GPRC Offer?**

The following apprenticeship programs are delivered by GPRC:

<b>Trade</b>	<b>Campus Location</b>
Automotive Service Technician	Fairview
Carpenter	Fairview
Electrician	Grande Prairie
Heavy Equipment Technician	Fairview
Instrumentation and Control Technician	Fairview
Industrial Mechanic (Millwright)	Grande Prairie
Motorcycle Mechanic	Fairview
Parts Technician	Grande Prairie
Plumber	Fairview
Sheet Metal Worker	Fairview
Steamfitter/Pipefitter	Fairview
Welder	Fairview/Grande Prairie
Welder – Wire Process Operator	Fairview





## Certificates and Diplomas





## Aboriginal Administration

### Aboriginal Administration

780-539-2995  
1-888-539-4772, ext. 2995  
[artseducation@gprc.ab.ca](mailto:artseducation@gprc.ab.ca)

**Diploma**  
*Duration: 60 weeks*  
*Total Credits: 60*

GPRC Grande Prairie

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The Aboriginal Administration interdisciplinary program is designed to provide students with basic business knowledge, an introduction to Aboriginal studies, and development of essential skills for critical thinking, research, writing and planning. Graduates will be prepared to pursue entry-level careers in a wide range of organizations and businesses within an Aboriginal context.

The program blends GPRC Business and Aboriginal courses to bring flexibility and robustness to the program.

This program:

- Provides practical, regionally-relevant education with varied entry and completion options
- prepares graduates for entry-level careers in businesses/organizations within an Aboriginal context
- is suited to any student interested in working within an Aboriginal context

#### ***Admission Requirements***

##### **First Year Admission Requirements**

If you are entering the program directly from high school, you require a High School Diploma with these Alberta Education courses or equivalents:

- English 30-1 or 30-2, minimum grade 50 percent
- Minimum 60 percent in Mathematics 20-1 or 20-2, or minimum 50 percent in Mathematics 30-1 or 30-2.

If you do not have a high school diploma but have been out of school for at least one year, you require the following Alberta Education courses or equivalents:

- English 30-1 or 30-2, minimum grade 50 percent
- Minimum 60 percent in Mathematics 20-1 or 20-2, or minimum 50 percent in Mathematics 30-1 or 30-2.

##### **Second Year Admission Requirements**

To be admitted into the second year of the program, applicants require successful completion of the Business Administration Certificate.

#### ***Mature Student Admission***

If you are 21 years of age or over and do not meet any of the admission requirements, you must attain a minimum score on an appropriate placement assessment.

#### ***Advanced Standing***

The College policy on Advanced Standing may be applied to the Aboriginal Administration program.

## Aboriginal Administration

# Aboriginal Administration Diploma

### *Program Curriculum*

#### *First Year (30 credits)*

- BA1010 Business Communications I (3)  
(or EN1201(3))
- BA1020 Business Communications II (3)  
(or EN1210(3))
- BA1050 Business Mathematics and Statistics (3)
- BA1090 Introduction to Marketing (3)
- BA1110 Introduction to Accounting (3)
- BA1120 Principles of Accounting (3)
- BA1150 Introduction to Computers in Business (3)
- BA1380 Organizational Behavior I (3)
- BA1540 Introduction to Business Microeconomics (3)
- Option (3), LR3010 Legal Relations (3) recommended

#### *Second Year (30 Credits)*

- BA2240 Human Resource Management (3)
- BA2390 Organizational Behavior II(3)
- MG2000 Introduction to Management (3)
- NT2030 Indigenous Ways of Knowing (3)
- NT2300 Introduction to Indigenous Governance (3)
- NT2400 Indigenous Approaches to Community Research and Leadership Development (3)
- NT2500 Administration for Indigenous Organizations (3)
- Options (9) chosen from:
  - BA2540 Introduction to Business Macroeconomics (3) (Recommended)
  - NT1000 Research and Writing in the Context of Indigenous and Settler Relations (3)
  - NT1521 Introductory Cree I (3) (or 3 credits of French or a northern indigenous language)
  - NT1522 Introductory Cree II (3)
  - HI2370 History of the Canadian North (3)
  - PY1040 Basic Psychological Processes (3)
  - PO2220 Introduction to Canadian Institutions, Federalism & the Constitution (3)
  - AN2500 North American Aboriginal People (3)
  - AN2550 Indigenous Peoples in Canada: Contemporary Issues (3)

### *Graduation Requirements*

Students with a program GPA of 2.00 or more and 60 credits of required and elective coursework as outlined in the program are eligible for a Diploma in Aboriginal Administration.

## **CAREER OPPORTUNITIES**

Graduates may find entry level employment as assistant managers, program coordinators, project assistants, and advisors in government, business and industry, community, and educational organizations.

Potential employers include:

- Regional Tribal Councils; local First Nations communities
- Metis Nation of Alberta; local Metis settlements
- Native Friendship Centers; youth and healing programs
- Alberta Aboriginal Relations; Alberta Education; Alberta Municipal Affairs & Housing
- Aboriginal Affairs and Northern Development Canada
- Private sector companies (First Nations and others)

## Academic Upgrading

### Academic Upgrading

780-539-2960  
1-888-539-4772, ext. 2960  
[upgrading@gprc.ab.ca](mailto:upgrading@gprc.ab.ca)

Certificate of Achievement  
in Grade 12 Equivalency  
*Duration: varies*  
*Total Credits: varies*

GPRC Grande Prairie

The Academic Upgrading Department offers a complete range of learning opportunities, from literacy through grade 12 equivalency and College preparation courses, on a full or part-time basis. You can earn the high school prerequisites you need to enter college-level courses at GPRC or at other educational institutions.

#### ***Admission Requirements***

You must be 18 years of age or older in the semester in which you plan to attend the program. English and Mathematics placement assessments may be necessary in order to properly place you in your courses.

#### **Placement Assessment**

When do you write a [placement assessment](#)?

- if you have been out of school for two or more years
- if you received less than 60 percent in Alberta Education English 10-1, 20-1, 30-1 or in Alberta Education Mathematics 10C, 20-1, 30-1
- if you have not taken courses in the Alberta Education English 10-1, 20-1, 30-1 or Mathematics 10C, 20-1, 30-1

#### **Transcripts**

You will need to provide your high school transcript with your application to confirm successful completion of prerequisite and co-requisite courses, including the following:

##### **Math**

You may register in the next higher level of mathematics (MA0120 or MA0130) if you achieved a mark of 60 percent or better in Alberta Education Mathematics 10C or Mathematics 20-1, within two years of admission to GPRC.

##### **English**

You may register in the next higher level of English (EN0120, or EN0132, EN0130) if you achieved a mark of 60 percent or better in Alberta Education English 10-1 or 20-1, or equivalent, within two years of admission to GPRC.

##### **Science**

If you have successfully completed a GPRC or Alberta Education Science course within two years of admission you may enroll in the next sequential Science course if other prerequisites are met. If it has been more than two years since successful completion, then it is recommended that you speak with an Academic Upgrading advisor.

*Note:* Applied Mathematics will be considered equivalent to the -3 level for the purpose of prerequisites for Science courses (e.g. Mathematics 20 Applied=MA0123 or Mathematics 20-3).

##### **Social Studies**

To register in SL0120, you must have a minimum of 60 percent in Alberta Education Social Studies 10-1 or minimum grade 10 equivalent English placement results. To register in SL0130 you must have a minimum of 60 percent in Alberta Education Social Studies 20-1 or 30-2.

## Academic Upgrading

### Courses in Academic Upgrading

Academic Upgrading offers a broad range of courses in a variety of subject areas that span pre-high school to high school equivalency. All upgrading courses are identified as “HS” courses in the Course Descriptions section of the calendar. Look for upgrading courses in these subject areas: Biology (BI), Chemistry (CH), Computers (CP), English (EN), French (FR), Mathematics (MA), Physics (PC), Science (SC), and Social Studies (SL). Not all courses may be offered in the current year. Consult the timetable or the Department of Academic Upgrading for courses offered this year.

<b>The Alberta Transfer Guide identifies the following Academic Upgrading courses as the equivalent of Alberta Education courses</b>	
<b>Academic Upgrading</b>	<b>Alberta Education High School Course</b>
BI0120, BI0130	Biology 20, Biology 30
CH0120, CH0130	Chemistry 20, Chemistry 30
EN0110, EN0120, EN0130, EN0132	English 10-1, English 20-1, English 30-1, English 30-2
FR0120, FR0130	French 20, French 30
MA0110, MA0120, MA0130, MA0131	Mathematics 10C, Mathematics 20-1, Mathematics 30-1, Mathematics 31
MA0113, MA0123, MA0133	Mathematics 10-3, Mathematics 20-3, Mathematics 30-3
MA0122, MA0132	Mathematics 20-2, Mathematics 30-2
PC0120, PC0130	Physics 20, Physics 30
SC0110, SC0130	Science 10, Science 30
SL0120, SL0130	Social Studies 20, Social Studies 30

## Certificate of Achievement in Grade 12 Equivalency

You can apply for a Certificate of Achievement in Grade 12 Equivalency from GPRC if you successfully complete (receive a passing grade in) English and either Mathematics or Social Studies as listed:

- English (EN0130 or EN0132) or an equivalent grade 12 level English course from another institution
- MA0130 or MA0132 or MA0133 or an equivalent grade 12 level Mathematics course from another institution or SL0130 or equivalent (Social Studies 30-2 is also acceptable).

In addition to English and Mathematics or English and Social Studies listed above, you must successfully complete two other grade 12 level courses from the following:

- Biology
- Chemistry
- French
- Mathematics (if not used above)
- Physics
- Science
- Social Studies (if not used above)
- One departmentally approved grade 12 option, which may be a second language other than French, music, art, drama, business education, home economics, physical education, industrial education or a departmentally approved post-secondary course

A minimum of two required grade 12 equivalent subjects must be taken with GPRC. An official transcript must be presented to verify courses and grades completed at other institutions.

If you meet these requirements, please complete an Application form, available from Student Services.

## Animal Health Technology

### Animal Health Technology

780-835-6630  
1-888-539-4772, ext. 6630  
[aht@gprc.ab.ca](mailto:aht@gprc.ab.ca)

**Diploma**  
*Duration: 66 weeks*  
*Total Credits: 67*

GPRC Fairview

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The Animal Health Technology (AHT) program has a long-standing reputation for producing highly skilled and capable professionals.

Students receive training in animal nursing, surgical assistance, anesthesiology, laboratory procedures, diagnostic imaging, pharmacology and dental procedures. Studies include animal diseases, animal behavior, parasitology, nutrition, microbiology, hematology, ethics, anatomy, physiology, pathology and terminology. Students also practice communications, office procedures and client relations.

Our campus features a working farm with a variety of large animals plus companion animals on site. These provide our students with many opportunities to gain experience in handling, treating and caring for live patients of all sizes. Practical expertise is emphasized and complemented with relevant theory taught by highly qualified, skilled and experienced veterinary professionals.

Students also have the opportunity to spend time in veterinary clinics and other veterinary facilities. In addition to more traditional lecture and laboratory settings, students in second year will do rotations in the on-site small animal clinic and a six-week practicum at facilities throughout Canada.

Graduates of our Animal Health Technology program are eligible to write the Veterinary Technician National Examination (VTNE) for membership in the Provincial Association.

#### ***Admission Requirements***

For additional information on this program, please see [Important Documents](#) under Admissions on our website.

The applicant must have the following prerequisites:

- High School Diploma
- English 30-1 or English 30-2
- Mathematics 30-1 (minimum 50 percent) or mathematics 30-2 (minimum 65 percent)
- Biology 30
- Chemistry 30
- Verification of 40 hours job shadowing experience

#### **Selection Criteria**

The applicant must have at least 40 hours of job shadowing with a Registered Animal Health Technologist in a veterinary practice environment. The applicant must provide a completed Verification of Work Experience form.

The Animal Health Technology program can be oversubscribed and therefore applicants must meet or exceed all academic course requirements and complete the volunteer and/or paid animal care work experience hours.

#### ***Progression Criteria***

To be promoted from one year to the next, the student must successfully complete all the required AHT courses of the previous year.

## Animal Health Technology

# Animal Health Technology Diploma

### Program Curriculum

#### First Year (34.5 credits)

##### Fall (16 weeks)

- AH112 Animal Behavior and Restraint (2.5)
- AH141 Anatomy and Physiology I (4.5)
- AH143 Animal Science (1.5)
- AH145 Office Communications and Management for the VT (3)
- AH172 Veterinary Terminology (1)
- AH173 Applied Mathematics (1)
- AH174 Laboratory Procedures and Microbiology (4.5)

##### Winter (16 weeks)

- AH240 Advanced Anatomy and Physiology (2.5)
- AH242 Client Relations and Ethics for the VT (1)
- AH243 Laboratory and Exotic Animals (1.5)
- AH244 Nutrition (2.5)
- AH245 Parasitology (3.5)
- AH246 Animal Nursing I (1.5)
- AH248 Comprehensive Preparation and Discovery I (0.5)
- AH249 Hematology (3.5)

#### Second Year (32.5 credits)

##### Fall (16 weeks)

- AH340 Anesthesiology (3)
- AH342 Laboratory Procedures II (3.5)
- AH343 Diagnostic Imaging (2.5)
- AH344 Applied Immunology (1.5)
- AH345 Clinical Procedures I (2)
- AH348 Animal Nursing and Surgical Assistance for the VT (4)

##### Winter (12 weeks)

- AH441 Dental Procedures (1.5)
- AH442 Animal Diseases (3)
- AH443 Theriogenology (3)
- AH445 Pharmacy and Pharmacology (3)
- AH446 Comprehensive Preparation and Discovery II (0.5)
- AH455 Clinical Procedures II (3)
- AH481 Field Trip (1)

##### Spring (6 weeks)

- AH447 Practicum (1)
- Option:** AH601 Introduction to Artificial Insemination Large Animal (3)\*

*\*This course is not a requirement of the Animal Health Technology program. Program students will receive credit extra to the diploma. This course is also open to community members.*

### Graduation Requirements

Students must complete all required courses with a GPA of no less than 2.00 with no "F" grades. Students must also satisfactorily complete the practicum component in order to receive a diploma. Program must be completed within a four year period.

### Additional Information

#### Special Requirements

1. Students of the AHT program are expected to follow a dress code as written in the Orientation Manual and AHT Policies and Procedures Manual provided upon registration.
2. Students are actively involved in animal care throughout the program. This will include several week-long rotations involving evenings, weekends and holidays. Students are on these rotations from September to April of each year.
3. Special requirements for students registered in an Animal Health Technology Program within the Province of Alberta now require that all students have an active student membership with the Alberta Veterinary Medical Association (ABVMA) under the Province of Alberta's Veterinary Act and General Regulation. It is the student's responsibility to submit application prior to attendance in the Fall. [www.abvma.ca/AAHT](http://www.abvma.ca/AAHT)
4. Students are required to purchase a stethoscope and nurse's watch. Clothing requirements are a white lab coat, scrubs (minimum 2 sets), coveralls, rubber insulated boots, and warm outer clothing for outside animal care rotations such as dog walking, lambing and calving.
5. There are numerous practicum sites from which to choose. Students may opt to gain their practicum experience at one of the following: small animal clinic, large animal clinic, mixed animal clinic, referral or emergency clinic, wildlife rehabilitation facility, or zoo. Salaries might not be paid to students for work performed during the practicum, and any relocation and housing expenses incurred are the responsibility of the student.
6. All students registered in the Animal Health Technology program are required to be immunized against Rabies. The Rabies vaccine series will be provided at Fairview Campus during the first year. Students who have received the rabies vaccination previously will be required to have titre checked for verification.

## Animal Health Technology

### *Pre/Post Graduation Affiliation*

Graduates of the program must comply with the Animal Health Technologist Association of the province in which they will be practicing. Membership requirements vary between provinces. Students are encouraged to become student members while attending the program.

### *Post-Diploma Degree Options*

Graduates of the program may be eligible for credit towards a Bachelor of Science degree at Athabasca University, University of Alberta or University of Lethbridge.





## Business Administration

### Business Administration

780-539-2900  
1-888-539-4772, ext. 2900  
[business@gprc.ab.ca](mailto:business@gprc.ab.ca)

**Certificate**  
*Duration: 30 weeks*  
*Total Credits: 30*

GPRC Grande Prairie

**Diploma**  
*Duration: 60 weeks*  
*Total Credits: 60*

**Diploma with Majors**  
*Duration: 60 weeks*  
*Total Credits: 60*  
**Majors:**

- Accounting
- Accounting and Investment Management
- Financial Services
- Management
- Marketing

The Business Administration program is recognized by many professional organizations. You will find abundant career opportunities in the public and private sector. Graduates of this program have established successful careers as accountants, marketing managers, general managers, and entrepreneurs. Some diploma graduates have continued their education with professional organizations and universities to earn degrees and additional professional designations. The certificate program will introduce you to basic business functions and serve as the foundation year for all the diploma programs.

#### ***Admission Requirements***

##### **Certificate Program Admission Requirements**

If you are entering the Business Administration Certificate Program directly from high school, you require a High School Diploma with these Alberta Education courses or equivalents:

- English 30-1 or 30-2, minimum grade 50 percent
- Minimum 60 percent in Mathematics 20-1 or 20-2, or minimum 50 percent in Mathematics 30-1 or 30-2.

If you do not have a high school diploma but have been out of school for at least one year, you require the following Alberta Education courses or equivalents:

- English 30-1 or 30-2, minimum grade 50 percent
- Minimum 60 percent in Mathematics 20-1 or 20-2, or minimum 50 percent in Mathematics 30-1 or 30-2.

##### **Diploma Program Admission Requirements**

Once you have passed all ten courses of the Certificate program and have a GPA of 1.3 or better, you may pursue a general diploma or specialize in one of the diploma majors: Accounting, Financial Services Marketing, Accounting and Investment Management, or Management. If you have not successfully completed the Certificate requirements, you may apply in writing to the Department requesting special permission to register in the diploma program.

#### ***Mature Student Admission***

If you are 21 years of age or over and do not meet any of the admission requirements, you must attain a minimum score on an appropriate entrance test.

## Business Administration

### ***Progression Criteria***

If you are a full-time student in either the Certificate or the Diploma program and you fail two courses in a semester, you will be placed on contractual departmental probation for the following semester. Failure to meet the probation requirements may result in forced withdrawal from the full-time program for one full semester. Readmission to the program will be subject to departmental review.

If you are a full-time student in either the Certificate or the Diploma program and you fail three or more courses in any one semester, you will be required to withdraw for one full semester from the full-time program. Readmission to the program will be subject to departmental review.

If you fail to achieve a minimum GPA of 1.3, you may be permitted to continue on a probationary basis with the permission of the department.

### ***Additional Information***

#### **Options**

When choosing options to meet Diploma requirements, you are advised to select from the available Business Administration offerings.

Where you have a clearly defined career objective that is better accomplished with the selection of non-Business Administration courses, you may apply in writing to the Department for permission to enrol in other optional courses. Approval may be granted for a maximum of two non-business options.

## **Business Administration Certificate**

### ***Program Curriculum***

#### ***First Year (30 credits)***

- BA1010 Business Communications I (3)
- BA1020 Business Communications II (3)
- BA1050 Business Mathematics and Statistics (3)
- BA1090 Introduction to Marketing (3)
- BA1110 Introduction to Accounting (3)
- BA1120 Principles of Accounting (3)
- BA1150 Introduction to Computers in Business (3)
- BA1380 Organizational Behavior I (3)
- BA1540 Introduction to Business Microeconomics (3)
- One Approved Business Administration Option (3)\*

*\*Students planning to continue into the Business Administration Diploma – Accounting and Investment Major must take either BA2710 or BA2540 as their option.*

## **Business Administration Diploma**

### ***Program Curriculum***

#### ***First year (30 credits)***

- As per Business Administration Certificate curriculum

#### ***Second year (30 credits)***

- BA2540 Introduction to Business Macroeconomics (3)
- Nine Approved Business Administration Courses

## Business Administration

### Business Administration Diploma - Accounting Major

#### Program Curriculum

##### First year (30 credits)

- As per Business Administration Certificate curriculum

##### Second year (30 credits)

- BA2030 Finance I (3)
- BA2110 Intermediate Accounting I (3)
- BA2120 Intermediate Accounting II (3)
- BA2130 Cost Accounting I (3)
- BA2140 Cost Accounting II (3)
- BA2540 Introduction to Business Macroeconomics (3)
- Four Approved Options (12)

##### **Recommended Options:**

- AC4600 Auditing (3)
- BA2060 Statistics for Business (3)
- BA2160 Taxation (3)
- BA2230 Finance II (3)
- BA2500 Computer Applications for Accounting (3)
- BA2620 Accounting Information Systems (3)
- LR3010 Legal Relations (3)

### Business Administration Diploma - Accounting and Investment Management Major

#### Program Curriculum

##### First year (30 credits)

- As per Business Administration Certificate curriculum  
(Note: for this Diploma major, students must take either BA2710 or BA2540 as their option in year 1)

##### Second year (30 credits)

- BA2030 Finance I (3)
- BA2040 Investment Fundamentals (3)
- BA2110 Intermediate Accounting I (3)
- BA2120 Intermediate Accounting II (3)
- BA2130 Cost Accounting I (3)
- BA2140 Cost Accounting II (3)
- BA2540 Introduction to Business Macroeconomics (3) or BA2710 Customer Service (3) (whichever not previously taken in year 1)
- BA2700 Introduction to Personal Finance (3)
- BA2730 Personal Investing (3)
- BA2740 Insurance and Retirement (3)

## Business Administration

### Business Administration Diploma - Financial Services Major

#### *Program Curriculum*

##### *First year (30 credits)*

- As per Business Administration Certificate curriculum

##### *Second year (30 credits)*

- BA2030 Finance I (3)
- BA2040 Investment Fundamentals (3)
- BA2540 Introduction to Business Macroeconomics (3)
- BA2700 Fundamentals of Personal Finance (3)
- BA2710 Customer Service (3)
- BA2730 Personal Investing (3)
- BA2740 Insurance and Retirement (3)
- Three Approved Options\* (9)

##### *Recommended Options*

- BA2230 Finance II (3)
- BA2310 Foundations of Real Estate Appraisal (3)

##### *\*Two of the following marketing courses are recommended*

- BA2070 Personal Selling (3)
- BA2080 Retailing (3)
- BA2010 Advertising and Sales Promotion (3)
- BA2550 Computer Applications for Marketing (3)

### Business Administration Diploma - Management Major

#### *Program Curriculum*

##### *First year (30 credits)*

- As per Business Administration Certificate curriculum

##### *Second year (30 credits)*

- BA2000 Contemporary issues in Business (3)
- BA2030 Finance I (3)
- BA2090 Marketing Project Management (3)
- BA2240 Human Resource Management (3)
- BA2540 Introduction to Business Macroeconomics (3)
- LR3010 Legal Relations (3)
- MG2000 Introduction to Management (3)
- Three Approved Options (9)

##### *Recommended Options:*

- BA2010 Advertising and Sales Promotion (3)
- BA2060 Statistics for Business (3)
- BA2070 Personal Selling (3)
- BA2160 Taxation (3)
- BA2190 Consumer Behaviour (3)
- BA2270 Business Ethics (3)
- BA2390 Organizational Behaviour II (3)
- BA2550 Computer Applications for Marketing (3)
- BA2700 Introduction to Personal Finance (3)
- BA2710 Customer Service (3)
- BA2730 Personal Investing (3)
- BA2740 Insurance and Retirement (3)
- BA2910 Introduction to Entrepreneurship (3)

## Business Administration

# Business Administration Diploma - Marketing Major

### *Program Curriculum*

#### *First year (30 credits)*

- As per Business Administration Certificate curriculum

#### *Second year (30 credits)*

- BA2000 Contemporary Issues in Business (3)
- BA2090 Marketing Project Management (3)
- BA2540 Introduction to Business Macroeconomics (3)
- Four Marketing Requirements (12) chosen from:
  - BA2010 Advertising and Sales Promotion (3)
  - BA2070 Personal Selling (3)
  - BA2080 Retailing and Merchandising (3)
  - BA2100 Not-for-Profit Marketing and Public Relations (3)
  - BA2190 Consumer Behavior (3)
  - BA2200 Marketing Research (3)
  - BA2550 Computer Applications for Marketing (3)
  - BA2710 Customer Service (3)
  - BA2810 Internet Marketing (3)
  - BA2910 Small Business Management (3)
- Three Approved Options\* (9)
  - \*Recommended Options**
    - BA2060 Statistics for Business (3)
    - LR3010 Legal Relations (3)

### *Graduation Requirements*

#### **Certificate Graduation Requirements**

Students who successfully complete the program requirements will be eligible for a Certificate. If you meet these requirements, please apply to graduate.

#### **Diploma Graduation Requirements**

To receive a Diploma in Business Administration, you must successfully complete all requirements of a specific Diploma curriculum with a minimum of 24 credits of 2000-level courses.

Students who successfully complete the program requirements will be eligible for a Diploma in Business Administration. If you meet these requirements, please apply to graduate.

### *University Transfer*

#### **University Transfer Credit for Business Administration Courses**

Some Business Administration (BA) courses designated as university transfer (UT) carry fewer credits in a university degree program than they do in a business diploma program.

To receive maximum transfer credit, Business Administration Diploma graduates wishing to complete a business degree are advised to enrol in post-diploma degree programs.

## Business Administration

### ***Post Diploma***

780-539-2900

[business@gprc.ab.ca](mailto:business@gprc.ab.ca)

Business Administration Diploma graduates are well prepared either to step directly into the workforce or to pursue additional education. GPRC Business Administration Diploma graduates receive block transfer (normally maximum of 60 credits) toward a number of post-diploma and other degree programs at the following institutions.

### **Concordia University College of Alberta**

[www.concordia.ab.ca](http://www.concordia.ab.ca)

**Bachelor of Management**

### **Thompson Rivers University**

[www.tru.ca](http://www.tru.ca)

**Bachelor of Business Administration**

### **Griffiths University**

[www.griffith.edu.au](http://www.griffith.edu.au)

### **Athabasca University**

Athabasca University School of Business

888-449-6531

[business.athabascau.ca](http://business.athabascau.ca)

[sb@athabascau.ca](mailto:sb@athabascau.ca)

**Bachelor of Commerce** (4 years), Diploma plus 4 semesters, 60 credits

**Bachelor of Management** (3 years), Diploma plus 2 semesters, 30 credits

**Bachelor of Management** (4 years), Diploma plus 4 semesters, 60 credits

### **University of Lethbridge**

[www.uleth.ca](http://www.uleth.ca)

**Bachelor of Management Post-Diploma**

### **Royal Roads University**

[www.royalroads.ca](http://www.royalroads.ca)

**Bachelor of Commerce in Entrepreneurial Management**

### **MacEwan University**

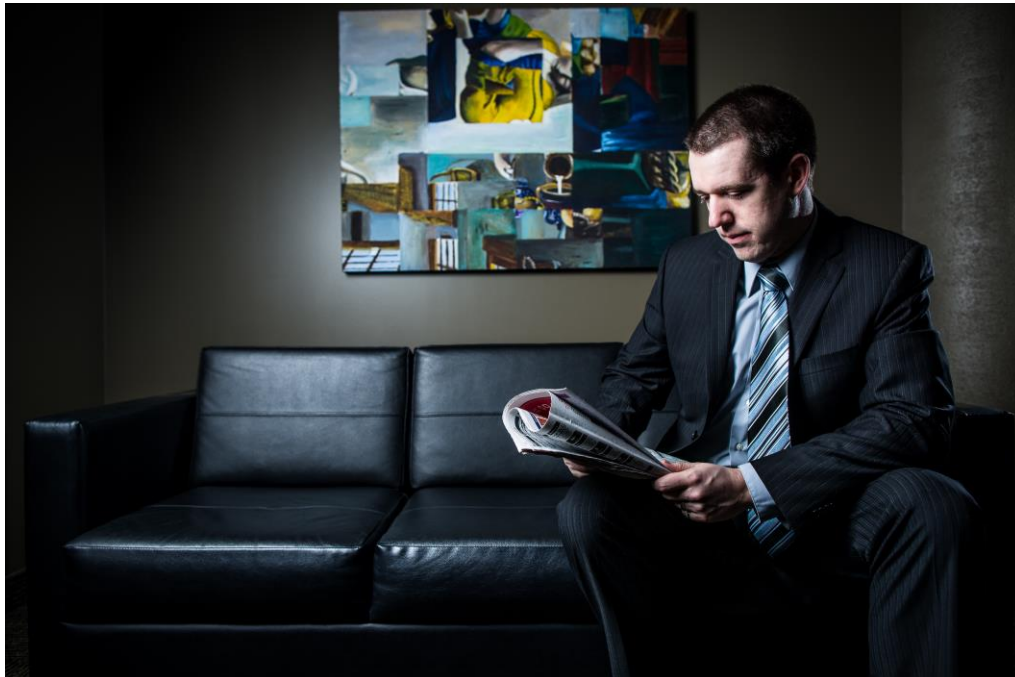
[macewan.ca](http://macewan.ca)

**Bachelor of Commerce, Management Major**

### **Okanagan College**

[www.okanagan.bc.ca](http://www.okanagan.bc.ca)

**Bachelor of Business Administration**



## Business Administration

### Business Administration and Commerce Professional Designations

The following professional institutes recognize GPRC courses and programs. Acceptance of transfer courses is at the discretion of the receiving body. Transfer arrangements can and do change. Students intending to use GPRC courses for credit in professional institute programs are advised to check with the appropriate institute for the latest transfer information.

#### CHARTERED PROFESSIONAL ACCOUNTANTS OF CANADA (C.P.A)

<https://cpacanada.ca/>

Students completing an undergraduate Accounting degree are able to enter the Professional Education Program (PEP) towards the C.P.A. designations. Holders of undergraduate degrees not in accounting are able to take a bridging program which gives them the pre-requisites for the PEP. Consult the CPA Canada website for further details.

#### ALBERTA ASSESSORS ASSOCIATION/UNIVERSITY OF BRITISH COLUMBIA

<http://www.assessor.ab.ca/content/1/WelcomeToAlbertaAssessors>

The core education requirements towards becoming an Accredited Municipal Assessor of Alberta can be taken through the University of British Columbia through distance education. Some equivalent GPRC courses may be taken in place of the UBC courses. For a table of equivalent GPRC courses, visit the Sauder School of Business website -

[http://www.sauder.ubc.ca/Programs/Real\\_Estate\\_Division/Credit\\_Programs\\_and\\_Professional\\_Development\\_Courses/Overview/Equivalencies\\_and\\_Transcript\\_Reviews](http://www.sauder.ubc.ca/Programs/Real_Estate_Division/Credit_Programs_and_Professional_Development_Courses/Overview/Equivalencies_and_Transcript_Reviews)

#### APPRAISAL INSTITUTE OF CANADA/UNIVERSITY OF BRITISH COLUMBIA

<http://www.aicanada.ca/>

To become an ACCREDITED APPRAISER CANADIAN INSTITUTE (AACI™), you will need a university degree, and you will need to complete courses through the University of British Columbia through distance education. Some equivalent GPRC courses may be taken in place of the UBC courses. For a table of equivalent GPRC courses, visit the Sauder School of Business website -

[http://www.sauder.ubc.ca/Programs/Real\\_Estate\\_Division/Credit\\_Programs\\_and\\_Professional\\_Development\\_Courses/Overview/Equivalencies\\_and\\_Transcript\\_Reviews](http://www.sauder.ubc.ca/Programs/Real_Estate_Division/Credit_Programs_and_Professional_Development_Courses/Overview/Equivalencies_and_Transcript_Reviews)

#### SUPPLY CHAIN MANAGEMENT ASSOCIATION OF CANADA

<http://www.scmanational.ca/>

To enter the Supply Chain Management Professional (SCMP) Designation Program, you will need to have completed a business-related diploma or degree. Consult the SCMA website for further details.

#### APPRENTICESHIP AND INDUSTRY TRAINING BLUE SEAL PROGRAM

<http://tradesecrets.alberta.ca/experiencedworkers/business-competencies/>

If you have a valid Alberta Journeyman Certificate, Alberta Occupational Certificate or a valid recognized trade certificate you are eligible to apply for a Blue Seal Certificate. The Blue Seal Certificate certifies that the tradesperson has a high level of business knowledge along with the technical skills of his or her trade.

Many GPRC courses can be applied towards the 150 hours of study needed to complete the Blue Seal Certificate. Consult the Trade Secrets web link provided above for more details.

*You may be required to successfully challenge exams set by the professional organizations to receive full credit towards their credential. Professional designations often require related work or articling experience over and above the academic requirements.*

*It is your responsibility to contact the appropriate professional organization to confirm current professional requirements.*

*Information in the College Calendar on Professional Designations and professional course equivalencies is subject to change without prior notice by the respective professional organizations. Grande Prairie Regional College will not be liable in the event of discrepancies between the text in this calendar and current information provided by the professional organizations listed here.*



## Computer Systems Technology

### Computer Systems Technology

780-539-2096  
1-888-539-4772, ext. 2096  
[computing@gprc.ab.ca](mailto:computing@gprc.ab.ca)

**Certificate**  
*Duration: 30 weeks*  
*Total Credits: 30*

GPRC Grande Prairie

**Diploma**  
*Duration: 60 weeks*  
*Total Credits: 60*

Computer professionals must have good reasoning and logical problem solving abilities, be observant, alert to detail and tenacious in pursuing problems to completion. The Computing Science programs at GPRC offer students an opportunity to integrate extensive software development skills with hardware skills. Emphasis in various programs include: computer graphics and image processing, digital hardware, data communications and networking. Hardware facilities include dedicated circuit design and robotics lab, data communications, and networking lab, as well as six general access computer labs.

You have a choice of a two-semester certificate, a four-semester diploma program and degree completion opportunities.

As a graduate of the two-year diploma at GPRC, you are qualified for positions in software development including hardware and networking components; game programming; database applications; PC support; networking specialist; financial systems development, etc. Typically, graduates work as programmer/analysts and network administrators.

#### ***Admission Requirements***

##### **Certificate Program Admission Requirements**

To be admitted, you will need the equivalent of a High School Diploma with a minimum of 50 percent in both Mathematics 30-1 and English 30-1.

##### **Diploma Program Admission Requirements**

Successful completion of a Computer Systems Technology certificate program.

## Computer Systems Technology Certificate

### ***Program Curriculum***

#### ***First Year (30 credits)***

- CS1010 Introduction to Computing (3)
- CS1140 Introduction to Computing Science (3)
- CS1150 Elementary Data Structures (3)
- CS2000 Data Communications and Networking (3)
- CS2050 Network Systems, Management, and Security (3) or Approved Option (3)
- CS2210 Introduction to PC Hardware and Systems Configuration (3)
- CS2720 Formal Systems and Logic in Computing Science (3)
- Any 1000-level English (3)
- MA1200 Linear Algebra I (3)
- Departmentally approved Math or Computing Science course: ST1510 recommended (3)

## Computer Systems Technology

# Computer Systems Technology Diploma

### *Program Curriculum*

#### *First year (30 credits)*

- As per Computer Systems Technology Certificate curriculum

#### *Second year (30 credits)*

- CS2010 Practical Programming Methodology (3)
- CS2290 Computer Organization and Architecture I (3)
- CS2910 Introduction to File and Database Management (3)
- CS3010 User Interfaces (3)
- CS3290 Computer Organization and Architecture II (3)
- Four approved Computing options (12)
- Approved Option (3)
- **Approved Computing Options:**
  - CS2040 Algorithms I (3)
  - CS2100 Computer Game Studies (3)
  - CS3060 Introduction to Image Processing (3)
  - CS3110 Introduction to Computer Graphics (3)
  - CS3120 Experimental Robotics (3)
  - CS3130 Telecommunications and Computers (3)
  - CS3610 Systems Analysis and Design (3)
  - CS3790 Operating Systems (3)
  - CS3990 Topics in Internet Technologies (3)
  - CS3995 Selected Topics in Computing Science (3)

### **Graduation Requirements**

#### **Certificate Graduation Requirements**

Students who successfully complete the certificate program requirements will be eligible for a Certificate in Computer Systems Technology. If you meet these requirements, please apply to graduate.

#### **Diploma Graduation Requirements**

Students who successfully complete the diploma program requirements will be eligible for a Diploma in Computer Systems Technology. If you meet these requirements, please apply to graduate.



## Computer Systems Technology

### ***Post Diploma***

#### **Post-Diploma Degree Program**

When you successfully complete the two-year diploma and wish to continue your education in Computing Science several options are available to you:

#### **Athabasca University**

[www.athabascau.ca](http://www.athabascau.ca)

#### **Bachelor of Science, Computing and Information Systems**

(Post-Diploma) 4 years, 120 credits

GPRC graduates with a Diploma in Computer Systems Technology may receive a maximum of 60 transfer credits toward this 120-credit degree. In addition to completing the degree directly with Athabasca University, you have an option to take a number of courses in a classroom setting at GPRC. This degree program is a unique collaboration between Athabasca University and GPRC. See the Computer and Information Systems program for details.

#### ***Year one and two, 60 credits***

Successful completion of Diploma in Computer Systems Technology

#### ***Year three and four, 60 credits***

You can combine university transfer courses and Athabasca University courses delivered in a classroom setting at GPRC with distance courses from Athabasca University to complete the third and fourth year requirements of this degree.

See Calendar sections on Computing Science, University Transfer, Degree Program and Athabasca University at GPRC. Consult the website for Athabasca University School of Computing and Information Systems to confirm program details, including residency and graduation requirements.

#### **University of Lethbridge**

[www.uleth.ca](http://www.uleth.ca)

#### **Bachelor of Science, Computing Science (Post-Diploma)**

GPRC graduates with a Diploma in Computer Systems Technology may receive 2 years or 60 credits of transfer credit toward admission to year three of this degree.

#### **Northern Alberta Institute of Technology (NAIT)**

[www.nait.ca](http://www.nait.ca)

#### **Bachelor of Applied Information Systems**

GPRC graduates with a Diploma in Computer Systems Technology may transfer to year three of the applied degree program at NAIT.

#### **SAIT Polytechnic**

[www.sait.ca](http://www.sait.ca)

#### **Bachelor of Applied Information Systems Technology**

GPRC graduates with a Diploma in Computer Systems Technology may transfer to year three of the applied degree program at SAIT.

## Cooperative Trades Orientation

### Co-operative Trades Orientation

780-835-6682  
1-888-539-4772, ext. 6682  
[cto@gprc.ab.ca](mailto:cto@gprc.ab.ca)

Certificate of Achievement  
Duration: 15 weeks  
Total Credits: 12

GPRC Fairview

Considering a career in trades but not sure what to choose? Whether you're new to the job market or considering a career change, this is your opportunity to gain an overview of all 51 Alberta trades before making your decision. Industry has a high expectations of entry-level employees. You'll gain a variety of skills in Co-operative Trades Orientation to assist you in meeting these expectations. Training is provided in basic shop practices, Fire Safety, Level 1 First Aid/CPR, WHMIS, H2S Alive and Safe Rigging Practices. Work Placements in industry will give you technical training in this program. It will also give you an opportunity to show a potential employer that you have both a willingness to learn and a positive attitude that will make you a valuable employee. Co-Operative Trades Orientation covers all 51 Alberta trades including: Carpenter, Electrician, Millwright, Auto Body, Plumber, Parts Technician, Automotive Service Technician, Welder, Heavy Equipment Technician, and Motorcycle Mechanic.

#### ***Admission Requirements***

Students must have Grade 10 Math and English. Students who do not meet these requirements may be admitted on the basis of an admission assessment.

Although a High School Diploma is not required as a prerequisite for entrance into this program, students should be aware that some employers may require a High School Diploma as a prerequisite for employment.

#### ***Mature Student Admission***

Admission as a mature student is possible if you've been out of school for at least one year. If you are seeking admission as a mature student, you must submit a letter to the Registrar's Office outlining your education, experience, and reasons for pursuing the program.

#### ***Program Curriculum***

##### *First Year (12 credits)*

- TO105 Trades Related Studies (1.5)
- TO110 Trades Orientation (6)
- TO111 Trades Safety (1.5)
- TO120 CTO Theory (1.5)
- TO121 CTO Industry Shop Placement (1.5)

#### ***Practicum/Work Experience***

##### **Work Experience:**

During the 8-week work experience placement, students will gain experience in working in a chosen trade. Any relocation expenses are the responsibility of the student.

#### ***Graduation Requirements***

Students must successfully complete all required courses in order to be eligible to receive a Certificate of Achievement in Co-operative Trades Orientation. When you have completed all program requirements, please apply to graduate.

#### ***Additional Information***

##### **Classroom and Study Hours:**

Students will spend a total of 30 hours per week in class (approximately 60 percent classroom setting and 40 percent shop setting).

## Dental Office Clerk

### Dental Office Clerk

780-539-2777  
 1-888-539-4772, ext. 2777  
[officeadmin@gprc.ab.ca](mailto:officeadmin@gprc.ab.ca)

**Certificate**  
*Duration: 20 Weeks*  
*Total Credits: 20*

**GPRC Grande Prairie**

This intensive 20-week full-time program is designed to prepare students for a future in the dental health care field in dental offices. Dental office clerks play a vital role in workplace settings by managing clients and information flow. Students graduating from this program can look forward to working in a dentist and dental specialists office.

#### ***Admission Requirements***

Students are required to present a high school Diploma with:

- Minimum of 60 percent in English 30-1 or 65 percent in English 30-2 and
- 50 percent in Mathematics 20-1 or Mathematics 20-2

Students without high school diploma requirements may have their application assessed on an individual basis.

#### ***Progression Criteria***

In order to be eligible for the work experience at the end of the program (OA1540), students will need to present passing grades in OA1030, OA1215, OA1231, and OA1365 and a minimum C+ (2.3 GPA) in OA1510, OA1520, and OA1530.

## Dental Office Clerk Certificate

### ***Program Curriculum***

*First Year (20 Credits)*

- OA1030 Business Communications I (3)
- OA1231 Skill Building I (1.5)
- OA1215 Canadian Office Procedures (3)
- OA1365 Introduction to Software Applications (3)
- OA1510 Dental Sciences Terminology (1)
- OA1520 Dental Office Procedures (3)
- OA1530 Dental Care and Third Party Billing (1.5)
- OA1540 Dental Office Work Experience (4)

### ***Practicum/Work Experience***

Students may be required to attend their Dental Office Work Experience outside of Grande Prairie.

### ***Advanced Standing***

Students who have completed a Certificate or Diploma in Office Administration or Unit Clerk within the last three years will normally receive advanced credit in the Dental Office Clerk program for OA1030, OA1215, OA1231, and OA1365.

## Early Learning and Child Care

### Early Learning and Child Care

780-539-2750  
1-888-539-4772, ext. 2750  
[humanservices@gprc.ab.ca](mailto:humanservices@gprc.ab.ca)

**Certificate**  
*Duration: 30 weeks*  
*Total Credits: 36*

GPRC Grande Prairie

Regional Delivery

**Diploma**  
*Duration: 60 weeks*  
*Total Credits: 68*

Early Learning and Child Care will prepare you for a career working with children from birth to age twelve, and their families. Research studies indicate that the first five years in the lives of children are the most critical in terms of their overall development. A commitment to this worthwhile profession will have long term benefits to young children, their families and the community in which they live and work.

Graduates of the program have excellent opportunities for employment in a variety of different early childhood settings including child care centers, family day homes, nursery schools, inclusive child care programs, kindergartens, and out-of-school programs. Diploma graduates of Early Learning and Child Care are highly sought after by employers and have excellent opportunities to advance in their careers.

You may complete Early Learning and Child Care programs in a number of ways:

- Full or part-time study at regularly scheduled times on campus and in local practicum settings such as a child care centre, kindergarten classroom, or preschool.
- Part-time, usually in summer session, throughout various Northern Alberta communities on a rotational basis.
- By distance education. All courses required to complete the Early Learning and Child Care curriculum are available by distance and/or online delivery. Specific courses are offered online.

Early Learning and Child Care Certificate graduates qualify for certification as a Child Development Worker through Alberta Children and Youth Services ([www.child.alberta.ca](http://www.child.alberta.ca)). Students with a Diploma qualify for certification as a Child Development Supervisor through Alberta Children and Youth Services.

#### ***Admission Requirements***

Students who are admitted to the program will receive information on recommended immunizations with their admission package. For student safety, it is recommended that immunizations are up to date. All students are required to submit a police information check, including a vulnerable sector clearance, on the first day of classes. Failure to do so will result in withdrawal from the practicum courses in the program.

#### **Certificate Program Admission Requirements**

To be accepted into this program, you must have an Alberta Education High School Diploma or equivalent with 50 percent in English 30 or English 30-1, or 60 percent in English 33 or English 30-2.

If you are 18 years of age or older and do not have these prerequisites, contact Admissions at 780-539-2050.

#### **Diploma Program Admission Requirements**

Successful completion of the Early Learning and Child Care certificate program.

#### ***Part-Time Student Admission***

You may enrol in up to three courses without admission to the program. You may be considered for admission to the program if you have successfully completed three Early Learning and Child Care courses, the first of which must be HS1130 English. Upon completion of these courses, you may apply for admission to the program.

## Early Learning and Child Care

### ***Progression Criteria***

#### **Practicum Progression Criteria**

Practicum courses are an integral part of the Early Learning and Child Care program. In practicum, students put into practice the theory they have learned. Practicum is scheduled at meaningful intervals throughout the program and students must have a current Certificate in Standard First Aid in Child Care prior to the final practicum. Once students have completed the prerequisite requirements for a practicum, they must complete the practicum before proceeding to the next level of theory. Students will require department permission to proceed to the next level of theory without the appropriate practicum.

Due to a shortage of practicum placements, students may be required to attend one or more practicums outside of Grande Prairie, in the region. Practicums can also be set up in a student's home community.

Students who fail any practicum course more than once will not be allowed to continue in the program.

#### **Program Progression**

Student academic and practicum performance will be reviewed each semester or as required.

Students who fail two courses worth two or more credits in a semester will be placed on academic probation for the following semester.

Students who fail three courses worth two or more credits will be required to withdraw for one semester from the full-time program. Readmission to the program on a part-time basis will be subject to departmental review.

In order to progress in the program, students must achieve a minimum grade of C- in all Early Learning and Child Care courses.

If you have successfully completed the requirements for a Certificate in Early Learning and Child Care with a cumulative grade point average (GPA) of 2.0, you may proceed to the Diploma program. Students who successfully complete the course requirements for the Certificate with less than 2.0 GPA require permission from the Department to enroll in the Diploma program.

### ***Advanced Standing***

Students with Child Development Worker Certification from Alberta Children and Youth Services may apply for Advanced Standing. Where the College is unable to offer the student advanced credit based upon previous learning or experience, the College will recommend courses the student may complete in the Early Learning and Child Care program that will facilitate their eligibility toward certification as a Child Development Supervisor from Alberta Children and Youth Services. Students wishing to qualify for an Early Learning and Child Care Diploma must complete all requirements for the diploma as stated.

### ***Statute of Limitations on Advanced Standing***

Courses must be current within the last ten years.





## Early Learning and Child Care

### Early Learning and Child Care Certificate

This two-semester program will prepare students for employment in a variety of early childhood settings. Early Learning and Child Care Certificate graduates qualify for certification as a Child Development Worker through Alberta Children and Youth Services.

#### *Program Curriculum*

##### *First Year (36 credits)*

- CD1000 Child Development I (3)
- CD1011 Introduction to Early Learning and Child Care (2)
- CD1020 Health, Nutrition and Safety (2)
- CD1045 Practicum I (3)
- CD1050 Art, Literature and Music (3)
- CD1100 Child Development II (3)
- CD1145 Practicum II (5)
- CD1330 Understanding Children's Play (3)
- CD1350 Supporting Children's Play (3)
- CD1370 Guiding Children's Behavior I (2)
- CD2070 Infant Toddler Care (2)
- HS1000 Interpersonal Communication (2)
- HS1130 English (3)

### Early Learning and Child Care Diploma

The Diploma provides you with a greater variety of employment opportunities with young children and their families and more opportunity for advancement within the field of Early Learning and Child Care. Diploma graduates will be better prepared for administrative and supervisory positions within the field. They qualify for certification as a Child Development Supervisor through Alberta Children and Youth Services.

#### *Program Curriculum*

##### *First year (36 credits)*

- As per Early Learning and Child Care Certificate curriculum

##### *Second year (32 credits)*

- CD2020 Environments for Young Children (2)
- CD2045 Practicum III (4)
- CD2050 Science, Math and Social Knowledge (3)
- CD2080 Interpersonal Communication II (2)
- CD2090 Child, Family and Community (3)
- CD2110 Working With Families (2)
- CD2120 School Age Care and Development (3)
- CD2145 Practicum IV (6)
- CD2380 Guiding Children's Behavior II (2)
- HS1217 Language and Literacy (2)
- HS2100 Individuals with Exceptionalities (3)

## Early Learning and Child Care

### ***Graduation Requirements***

#### **Certificate Graduation Requirements**

To graduate with a Certificate in Early Learning and Child Care, you must successfully complete the program requirements with a minimum overall GPA of 2.0. Courses must be current within the last ten years. If you meet these requirements, please apply to graduate.

#### **Diploma Graduation Requirements**

To receive a Diploma in Early Learning and Child Care, you will need to successfully complete the prescribed two-year curriculum with a minimum cumulative GPA of 2.0. Courses must be current and taken within the last ten years. If you meet these requirements, please apply to graduate.

### ***Post Diploma***

#### **Degree Opportunities for Diploma Graduates**

Early Learning and Child Care Diploma graduates may be eligible for admission to a number of degree completion programs. Students interested in pursuing degree opportunities are advised to consult directly with the appropriate college or university as transfer arrangements vary from one institution to another.

#### **ATHABASCA UNIVERSITY**

[www.athabascau.ca](http://www.athabascau.ca)

**Bachelor of Professional Arts (Human Services)**

#### **GRANT MACEWAN UNIVERSITY**

[www.macewan.ca](http://www.macewan.ca)

**Bachelor of Applied Human Services Administration**

#### **MOUNT ROYAL UNIVERSITY**

[www.mtroyal.ab.ca](http://www.mtroyal.ab.ca)

**Bachelor of Applied Child Studies**

#### **UNIVERSITY OF ALBERTA**

[www.ualberta.ca](http://www.ualberta.ca)

**Bachelor of Education, Elementary**

Graduates considering transferring to the University of Alberta should consult the Alberta Transfer Guide and the University website or calendar for details.

#### **UNIVERSITY OF VICTORIA**

[www.uvic.ca](http://www.uvic.ca)

**Bachelor of Arts in Child and Youth Care**



## Early Learning and Child Care

### Distance Options

#### ELCC DISTANCE COURSES AVAILABLE THROUGH ONLINE LEARNING

##### Regional and Online Delivery

Online courses are offered in July, October, November, and February, with registration deadlines as noted below.

<b>July Intake</b> <b>July 15 Start Date</b> Registration Deadline: June 21, 2017	<b>October Intake</b> <b>October 15 Start Date</b> Registration Deadline: October 2, 2017	<b>November Intake</b> <b>November 15 Start Date</b> Registration Deadline: November 1, 2017	<b>February Intake</b> <b>February 15 Start Date</b> Registration Deadline: January 23, 2018
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Once registered into online courses, students are provided with Moodle access for course content. Students complete the courses independently with the support of a course instructor. It is recommended that students register for one online course at a time. For Early Learning and Child Care students, it is anticipated that you are currently employed in the field of early learning and child care. If you are not working with young children **YOU MUST HAVE ACCESS TO CHILDREN** (e.g., preschool, kindergarten, day care centre or playschool).

**Out of Province students must take CD1045, CD1145, CD2045, CD2145 (Practicum courses) in Alberta.**

#### *Program Admission and Course Registration*

To be accepted into this program full time, you must have an Alberta High School Diploma or equivalent with 50 percent in English 30 or English 30-1, or 60 percent in English 33 or English 30-2. A proficiency test in English, such as TOEFL or IELTS will be required for any students whose first language is not English. Access to a child care setting for the duration of the program is required. If you are 18 years of age or older and do not have these requirements, please contact Admissions at 780-539-2050. The Early Learning and Child Care distance courses are designed for students who do not have access to other forms of instruction. Online learning enables students to select their own hours and place of study. Each online student is assigned a course instructor for the duration of their course. Course instructors are available to provide students with support and guidance throughout the course and are available one evening a week, as per the contact hours specified for each course.

**With the exception of practicum courses**, online learning students can take the courses they need to complete the Early Learning and Child Care certificate and/or diploma program and to qualify for certification as a Child Development Supervisor through Alberta Children and Youth Services. Highly motivated students are able to achieve their goals while maintaining a busy lifestyle in their own community.

Students studying Early Learning and Child Care courses through online learning must meet the course pre-requisites before registering. Information on course pre-requisites is listed in the course description section of the Online Student Handbook. The Early Learning and Child Care online courses are designed for students with an adequate level of English proficiency, normally equivalent to grade 12 English. Students who choose to enroll in online courses and who are not proficient in oral and written English may find they are unable to successfully meet course expectations. **In order to progress in the program, students must achieve a minimum grade of C- on all Early Learning and Child Care courses.**

All available online courses are listed on the GPRC website at [www.gprc.ab.ca](http://www.gprc.ab.ca). To register for an online course, students must first complete and submit the Application for Admission and application fee. Once the application and fee is processed, students can register and pay the course fees by contacting the ELCC Online Assistant at [ELCCOnline@gprc.ab.ca](mailto:ELCCOnline@gprc.ab.ca) or 780-539-2983. Students can pay for course fees with a credit card via Plastiq, or can send a cheque or money order to GPRC. Students sending payment by cheque or money order will want to contact the Online Assistant to ensure payment has been received. For more information on admission and registration for the Early Learning and Child Care online courses, please refer to the Online Student Handbook.

#### *Part-Time Student Admission*

You may enrol in up to three courses without admission to the program. You may be considered for admission to the program if you have successfully completed three Early Learning and Child Care courses, the first of which must be HS1130 English. Upon completion of these courses, you may apply for admission to the program.

#### *Additional Information*

For additional information on the Distance Program, please see [Important Documents](#) under Admissions on our website.

## Educational Assistant

### Educational Assistant

780-539-2750  
1-888-539-4772, ext. 2750  
[humanservices@gprc.ab.ca](mailto:humanservices@gprc.ab.ca)

Certificate  
Duration: 36 weeks  
Total Credits: 37

GPRC Grande Prairie

The Educational Assistant program will enable graduates to work in educational settings under the supervision and direction of a teacher, providing support to students who require assistance in developmental, behavioural, and/or learning tasks. Graduates of the Educational Assistant program will be prepared to work with children in the school system from K-12, in both resource rooms and regular classrooms. Graduates will also be employable in a wide range of out-of-school settings such as early intervention, day care, Head Start, or as private educational supports.

Course work will provide students with the knowledge, skills and attitudes necessary to work effectively with children and teachers in diverse educational settings. Students will learn about human development, speech and language support, remedial math and reading, behavioural management, exceptionalities, interpersonal communication, and the roles and responsibilities of a paraprofessional in an educational setting.

Practicum is an integral part of this Certificate program and assures that students have the opportunity to apply theory to practice. Practicum in a community outside of Grande Prairie may be available and will be considered on an individual basis.

#### ***Admission Requirements***

To be accepted into this program, you must be 18 years of age or older (or receive special permission from the Department Chairperson) and have a high school diploma with 60 percent in English 30-2 or 50 percent in English 30-1.

You must present a Standard First Aid Certificate and Cardiopulmonary Resuscitation Certificate (Basic Rescuer) prior to practicum. A Police Information check will be required from the RCMP prior to the first practicum as agencies require this of individuals who work in their organizations. Information about obtaining Police Information Checks will be provided to students after they have been admitted. For your own personal health, you may wish to ensure that your immunizations are current.

#### ***Mature Student Admission***

If you are without a high school diploma in English 30-1 or 30-2, please arrange with Student Services for pre-admission assessment.

#### ***Part-Time Student Admission***

You may enrol in up to three courses without admission to the program. You may be considered for admission to the program if you have successfully completed three Educational Assistant courses, the first of which must be HS1130 English. Upon completion of these courses, you may apply for admission to the program.

#### ***Progression Criteria***

Student academic and practicum performance will be reviewed each semester as required. Students who fail two courses, worth two or more credits, in a semester will be placed on departmental probation for the following semester. Students who fail any practicum course more than once will not be allowed to continue in the program.

Students who fail three courses, worth two or more credits, will be required to withdraw for one full semester from the full-time program. Readmission to the program on a part-time basis will be subject to departmental review. In order to progress in the program, students must achieve a minimum grade of C- on all Educational Assistant courses.

## Educational Assistant

# Educational Assistant Certificate

### *Program Curriculum*

*First year (37 credits)*

*Fall and Winter*

- HS1000 Interpersonal Communications (2)
- HS1102 Behavioural and Functional Assessment (3)
- HS1130 English (3)
- HS1202 Principles of Applied Behavior Analysis and Learning (3)
- HS1203 Interpersonal Competence (1)
- HS1217 Language and Literacy (2)
- HS2100 Individuals with Exceptionalities (3)
- HS2440 Human Development: Birth through Adolescence (3)
- TA1231 Speech and Language Interventions (2)
- TA1233 Math Skills and Concepts (1)
- TA1234 The Role of the Para-professional in the Classroom (2)
- TA1235 Practicum (1)
- TA1236 Remedial Reading and Mathematics (3)
- TA1367 Supporting Technology in the Classroom (2)
- One of: TA1232 Fetal Alcohol Spectrum Disorder (1) or TA1237 Autism Spectrum Disorder (1)

*Spring*

- TA1238 Practicum (5)

### *Graduation Requirements*

To complete the Certificate requirements, you must achieve a minimum grade of C- in all courses (with the exception of the practicum course in which a grade of CR is required) and maintain a Grade Point Average (GPA) of 2.0. You will need to complete program requirements listed to qualify for a Certificate in Educational Assistant. It is recommended that prior to graduation, students participate in a Non-Violent Crisis Intervention training program.

If you meet these requirements, please apply to graduate.

### *Additional Information*

The Educational Assistant Program is offering an “Earn While You Learn” plan for students currently employed as an Educational Assistant (without certification). You can begin working towards obtaining your certification while continuing to work in the field.

Course Offerings will vary from year to year. Courses will be offered via part time studies, evening and online courses, challenge exams and Prior Learning. Contact the department for more information

## French as a Second Language

### French as a Second Language

780-539-2788  
1-888-539-4772, ext. 2788  
[education@gprc.ab.ca](mailto:education@gprc.ab.ca)

Certificate of Achievement  
*Duration: varies*  
*Total Credits: 21*

GPRC Grande Prairie

The French as a Second Language (FSL) Certificate of Achievement is designed for students in a Bachelor's degree program. Meet with an advisor to discuss how the course requirements for this certificate of achievement may fit in to your desired degree.

#### ***Admission Requirements***

Students wishing to begin their studies towards this Certificate of Achievement normally request admission to a university transfer program and will need to meet the admission requirements as stated. Additionally, all students will require successful completion of matriculation level French, i.e. French 30. Students without this requirement may enrol in FR0120 and FR0130 to obtain this prerequisite.

## French as a Second Language Certificate of Achievement

### ***Program Curriculum***

The mandatory courses specific to the FSL Certificate of Achievement may be completed within the requirements of a Bachelor's degree program.

#### ***French requirements - Minimum of 21 credits:***

##### ***Introductory Requirements***

- FR0120 and FR0130 Beginner French I and II
- FR2110 and FR2120 First Year French (Intermediate level French I and II) or  
FR2210 and FR2240 First Year French for French Immersion/Francophone (Niveau Intermediaire I et II)

##### ***Advanced Requirements***

- FR2970 and FR2980 Second year UT French (Advanced French I and II)
- FR2540 Introduction to Translation Theory and Practice: French – English – French
- FR3010 Introduction to French Literary Studies

##### ***Additional Requirements - 3 credits chosen from:***

- FR2330 French Cultural Moments
- ED4450\* Teaching Second Languages in the Elementary School
- Approved Sr. French Course (3)

*\*May not be offered each semester. Please contact an Academic Advisor for options.*

### ***Graduation Requirements***

To qualify for a Certificate of Achievement in French as a Second Language, you will need to successfully complete the 21 credits of prescribed curriculum with a minimum of C- in all courses. When you have completed all program requirements, please apply to graduate.

### ***Advanced Standing***

Recognition will be given for advanced standing for a maximum of 12 credits from approved university-level courses taken at a recognized post-secondary institution.

## Harley-Davidson® Technician

### Harley-Davidson® Technician

780-835-6681  
1-888-539-4772, ext. 6681  
[h-dtrain@gprc.ab.ca](mailto:h-dtrain@gprc.ab.ca)

Certificate  
*Duration: 15 weeks*  
*Total Credits: 17*

GPRC Fairview

The only authorized training centre in Canada for Harley-Davidson® motorcycles is located at our Fairview campus. In our 15-week program, we are committed to providing the finest training available, and in turn, the finest technicians possible for the many authorized Harley-Davidson® retailers across Canada. Our modern facilities are combined with top quality instruction and up-to-the-minute curriculum.

#### *Admission Requirements*

- English 10-1 or 10-2
- Mathematics 10C or Mathematics 10-3

Although a high school diploma is not required for entrance to this program, students should be aware that some employers may require a high school diploma as a prerequisite for employment.

Applicants who do not meet these requirements will be considered for admission on an individual basis.

#### **Selection Criteria**

Demand for this program is very high. An interview may be required to determine suitability. Preference will be given to those who:

- have academic achievement beyond the stated prerequisites.
- are actively involved in activities related to this field.
- can supply references documenting their experience, involvement, or potential in this field.

### Harley-Davidson® Technician Certificate

#### *Program Curriculum*

*First Year (17 credits)*

- HD210 Harley-Davidson® Theory (7)
- HD260 Harley-Davidson® Shop (7)
- HD270 Harley-Davidson® Independent Study (3)

#### *Graduation Requirements*

Students must complete all required courses with a GPA of no less than 2.00 and no failing (F) grades. When you have completed all program requirements, please apply to graduate.



# Kinesiology

## Kinesiology

780-539-2063  
1-888-539-4772, ext. 2063  
[peak@gprc.ab.ca](mailto:peak@gprc.ab.ca)

**Diploma**  
*Duration: 60 weeks*  
*Total Credits: 60*

GPRC Grande Prairie

Completion of Kinesiology Diploma program makes you eligible for careers as and assistants in fitness centres, leisure centres, senior citizen/retirement complexes, colleges and universities, the private and business sector and provincial, national and international sport associations and events.

### ***Admission Requirements***

The Kinesiology Diploma requires passing grades and an overall average of 60 percent in the following Alberta Education high school courses or equivalents. For course groups, refer to the Classification of Alberta Education Courses.

- English 30, minimum 60 percent
- Two subjects from Group A or C
- One subject from Group C
- One subject from Group B, C, or Physical Education 30
- Only one language other than English will be accepted

### ***Mature Student Admission***

If you are 21 years of age or older, by the first day of classes of the term in which admission is sought and do not have a high school diploma, you may still be eligible for admission as a Non-Matriculated Adult (NMA). Admission to the Kinesiology Diploma program requires passing grades and an overall average of 60 percent on the following Alberta Education high school courses or equivalents:

- English 30, minimum 60 percent and
- One other 30-level subject from Group A or C (Biology 30 recommended)

Regardless of admission requirements, you must still have the high school prerequisites to the courses you require or wish to take in your program.

### ***Part-Time Student Admission***

Students may enrol in up to two courses without admission to the program. Upon successful completion of two courses, if you wish to continue in the program, you will be expected to apply to the program and meet all admission requirements. Once you have met all admission requirements and received admission to the program, you will be granted credit for courses successfully completed prior to admission.

## Kinesiology

### Kinesiology Diploma

#### Program Curriculum

##### *First year (30 credits)*

- DA1000 The Spectrum of Dance in Society (3)
- PE1000 Structural Anatomy (3)
- PE1015 Essentials of Human Physiology (3)
- PE1030 Integrative Human Physiology (3)
- PE1040 Introduction to Sociocultural Aspects of Leisure and Sport (3)
- PE1050 Introduction Sports Administration (3)
- PE1090 Statistics, Measurement and Evaluation (3)
- PE2200 Introduction to Personal Physical Fitness (3)
- PY1040 Basic Psychological Processes (3)
- Physical Activity (PA), Physical Education (PE), or UT option (3)

##### *Second year (30 credits)*

- Junior English (6)
- PE2000 Exercise Physiology (3)
- PE2030 Skill Acquisition and Performance (3)
- PE2040 Leisure and Sport in Canadian Society: Historical Perspectives (3)
- PE2060 Biomechanics (3)
- PE2070 Physical Education and Leisure for Special Populations (3)
- PE2400 Sports Injuries (3)
- PE3030 Psychology of Sport and Physical Activity (3) or PE3070 Human Growth and Motor Development (3)
- Physical Activity (PA) option (3)

#### **Graduation Requirements**

To graduate with a Diploma in Kinesiology you must successfully complete all program requirements. If you meet these requirements, please apply to graduate.

#### **Additional Information**

##### **Students of PEAK**

Students enrolled in fitness programs are eligible for membership in Students of PEAK (SPEAK), the organization of physical education students. See information about this student organization in the Bachelor of Physical Education section of this calendar. Executive members of SPEAK may be eligible for co-curricular recognition.

#### **University Transfer**

Acceptance into any University program once you have completed your studies at GPRC is normally based on your course selection and your academic standing. Courses vary from institution to institution and are often evaluated on a case-by-case basis. Early contact with the school you are applying to is encouraged and close consultation with a GPRC Advisor is advisable. All post-secondary Kinesiology programs are slightly different. Therefore you may be required to pick up courses depending on where you apply. Most receiving institutions will transfer a maximum of 60 credits from GPRC.

##### **University of Alberta**

To be considered for admission to the University of Alberta as a transfer applicant, you must present a minimum GPA of 2.0 or equivalent based on a minimum of 24 transferable credits. Possession of a minimum GPA does not guarantee admission to the program. Applicants must also possess all High School admission requirements or equivalent.

Students who transfer with less than 24 transfer credits will be considered High School Applicants to the University and will require an overall average of 70 percent in the high school courses required for admission.

You may complete up to two years (60 credits) of appropriate course work. The courses within the Kinesiology Diploma program are the required courses for the first two years of the Bachelor of Kinesiology with the University of Alberta.

##### **Other Universities**

Please consult with an advisor for details on programs and requirements at other institutions.

## Motorcycle Mechanic

### Motorcycle Mechanic

780-835-6727  
1-888-539-4772, ext. 6727  
[motorcycle@gprc.ab.ca](mailto:motorcycle@gprc.ab.ca)

**Certificate**  
*Duration: 28 weeks*  
*Total Credits: 26*

**GPRC Fairview**

Love the sound of a finely-tuned engine? Picture yourself in an exciting career as a Motorcycle Mechanic! As a Motorcycle Mechanic, you will repair and maintain many different brands and models of street, off-road, and dual sport bikes. This popular program can help you gain the required experience to land your first job.

You'll receive training in motorcycle charging, starting and ignition systems, four-stroke tuning and top end diagnosis, inspection and reconditioning procedures, transmissions, crankshaft repair and more. You'll also be able to recognize and interpret parts, plus learn how to ship and receive parts and control inventory.

We take a hands-on approach to learning. With instructor approval, you can even bring in your own motorcycle for use in shop class! The work is demanding but very rewarding. Expanding your horizons will ensure year round employment.

The skills and experience you gain in this program will prepare and certify you for entry-level employment. It will also provide pre-apprenticeship opportunities for those who may be interested in pursuing apprenticeship.

#### ***Admission Requirements***

Although a high school diploma is not required as a prerequisite for entrance into this program, students should be aware that some employers may require a high school diploma as a prerequisite for employment.

- English 10-1, English 10-2 or equivalent and
- Math 10-C, Math 10-3 or equivalent

Applicants who do not meet these requirements may be admitted to the program but they will be required to pass the AIT apprentice entrance exam during the first semester if choosing to pursue an apprenticeship.

#### **Selection Criteria**

Due to the popularity of the program, applicants seeking admission as a mature student will be admitted on a merit basis. Preference will be granted to those with previous mechanical experience, involvement in activities related to this field, and who have references in regard to achievements and potential in this industry. A letter outlining your research into this industry may be helpful. An interview to confirm your suitability for this program may be required.

## Motorcycle Mechanic Certificate

### ***Program Curriculum***

*First Year (26 credits)*

*Fall (16 weeks)*

- MCM100 Theory I (8)
- MCM150 Shop I (7)

*Winter (12 weeks)*

- MCM200 Theory II (6)
- MCM250 Shop II (5)

## Motorcycle Mechanic

### ***Graduation Requirements***

Students must complete all required courses with a grade point average of no less than 2.00 and no failing (F) grades. When you have completed all program requirements, please apply to graduate.

### ***Additional Information***

#### **Special materials required**

At school, you will have tools available on a loan basis. Materials and supplies required are:

- Safety approved footwear
- Cotton coveralls or shop smock (acquired on campus)
- Welding gloves and welding beanie
- Safety glasses (mandatory)
- Clipboard and basic calculator
- Miscellaneous shop supplies (acquired on campus)
- Metal project (acquired on campus)
- Parts for personal shop projects

### ***Apprenticeship Opportunity***

Students who have successfully completed the program and also completed an acceptable Alberta Apprenticeship Prior Learning Assessment Application may have the opportunity to challenge the Alberta Apprenticeship and Industry Training (AIT) first and second year Motorcycle Mechanic exams.

To register for technical apprenticeship training you must be indentured as an apprentice and eligible for training. Typically, students would be employed full-time with a company and have signed a contract of apprenticeship that is registered with AIT.

Apprenticeship information can be accessed by visiting <http://tradesecrets.alberta.ca>.



# Music

## Music

780-539-2909  
1-888-539-4772, ext. 2909  
[finearts@gprc.ab.ca](mailto:finearts@gprc.ab.ca)

### Diploma with Major

*Duration: 60 weeks*

*Total Credits: 60*

#### Major:

- Performance

GPRC Grande Prairie

Music programs at GPRC will help prepare you to pursue a career in music or to continue your studies at other educational institutions. You will have the opportunity to specialize on an instrument, including voice, and to perform with talented musicians. Participation in College Ensembles is required of our programs, and performances in community productions or events is also encouraged.

Music students have access to our Fine Arts Recording Studio complex that consists of four individual studios, a digital lab/classroom with many modern workstations, and several well-equipped practice rooms. Music performances take place in either the Collins Recital Hall or the Douglas J. Cardinal Performing Arts Centre.

The Fine Arts Department offers our music programs at the Grande Prairie Campus on a full-time or part-time basis during the day and evening.

Admission is based on the quality of audition and also academic entrance examinations as per institutional requirements.

Students of the GPRC Fine Arts music programs have also successfully completed music degrees at institutions outside of Alberta.

### Other Program Opportunities

If you are interested in other music programs, the College offers courses towards:

- Bachelor of Music, University Transfer program
- Bachelor of Music/Bachelor of Education combined degree programs
- Bachelor of Arts, University Transfer music major/minor program
- Bachelor of Education, University Transfer music major/minor program

### Admission Requirements

Applicants require an Alberta Education High School Diploma and the following:

- English 30-1
- Music 30
- Grade Two Conservatory Music Theory, or MU1000\*

\*A performance audition is required before you are offered admission. Contact the Fine Arts Department to schedule an audition.

### Mature Student Admission

Students who have been out of school for one full year may also be admitted. Applicants must have English 30-1 or be admissible to EN0130 as determined by College placement assessments. If EN0130 must be taken in order to fulfill the English requirement, it must be taken in the first semester, which means that first year requirements may not be completed within a year. In addition to the English requirement, applicants must have the equivalent of Grade-Two Conservatory Music Theory\*.

\*Applicants who do not present successful completion of MU1000 or Grade Two Conservatory Music Theory will be required to write a Music Theory Placement examination before registering in this program. Students who do not demonstrate the equivalent of Grade Two Theory skills will take longer to complete this program of study.

### Advanced Standing

Advanced standing for selected courses may be given at the discretion of the Fine Arts Department in accordance with College policy.

## Music Diploma - Performance

### Program Curriculum

#### First year (30 credits)

- Junior English (3), EN1201 recommended
- DD2091 Electronic Notation (3)
- MU1010 Introduction to Music (3)
- MU1250 Applied Music I (6)
- MU1510 Aural and Keyboard Skills I (3)
- MU1550 Music Theory I (3)
- MU1560 Music Theory II (3)
- MU1650 Introduction to World Music (3)
- Music Ensemble (3) chosen from:
  - MU1400 Chorale Ensemble I
  - MU1410 Instrumental Ensemble I
  - MU1490 Jazz Ensemble I

#### Second year (30 credits)

- DD1081 Music Technology I (3) or DD1082 Introduction to Video Production (3)
- DD2081 Music Technology II (3) or MU2570 Song Writing I (3)
- MU2250 Applied Music II (6)
- MU2510 Aural and Keyboard Skills II (3)
- MU2550 Music Theory III (3)
- MU2560 Music Theory IV (3)
- Music Ensemble (3) chosen from:
  - MU2400 Chorale Ensemble II
  - MU2410 Instrumental Ensemble II
  - MU2490 Jazz Ensemble II
- One of:
  - DD1021 Popular Music in the 20th Century (3)
  - MU2620 Women in Music (3)
  - MU2800 Introduction to the Study of Western Music History (3)
  - MU2830 Western Art Music History (3)
- Approved Option (3)

### Graduation Requirements

Students will need to successfully complete the program requirements to graduate with a Diploma in Music, Performance. If you meet these requirements, please complete a Parchment Application form, available from Student Services.

### Post Diploma

#### Degree Programs

Acceptance into any university degree program once you have completed your studies at GPRC is based on your audition, the depth of your musical experience and your academic standing. Option courses vary from institution to institution and are often evaluated on a course-by-course basis. Early contact with the institution to which you are transferring is encouraged and close consultation with a GPRC Fine Arts advisor is suggested. All post-secondary Bachelor of Music programs are slightly different. An audition is normally required by each university and you should pay attention to specified audition dates published by each university. You are advised to consult directly with the university you are interested in transferring your diploma to for these degree opportunities. Most receiving institutions will transfer a maximum of 60 credits from GPRC. Bachelor of Music students are advised to take 9 credits of options for Music, Art or Science.

The GPRC Diplomas give you flexible and varied musical experiences, but credit is often awarded on a case-by-case basis. Transfer admission to a Bachelor of Music or Bachelor of Arts, Music, or Post-Diploma program is based on audition and is considered on an individual basis.

Transfer opportunities exist within Alberta at the following universities:

#### University of Alberta

Augustana Faculty, University of Alberta

#### University of Lethbridge

Post-Diploma Bachelor of Music

Post-Diploma Bachelor of Music/Bachelor of Education

#### Concordia University College

#### King's University College

#### University of Calgary

## Office Administration

**Office Administration**

780-539-2777  
 1-888-539-4772, ext. 2777  
[officeadmin@gprc.ab.ca](mailto:officeadmin@gprc.ab.ca)

**Certificate**  
*Duration: 30 weeks*  
*Total Credits: 30*

GPRC Grande Prairie

**Certificate with Majors**  
*Duration: 30 weeks*  
*Total Credits: 30*  
**Majors:**

- Basic Bookkeeping
- Legal
- Oil and Gas

All students must complete the core curriculum of 18 credits and 12 credits through one of the specialized programs. These programs are designed to provide you with the critical employability skills required to succeed in the office. Graduates of the program attain professional knowledge and skills in communications, office professionalism, interpersonal relations, and office technology. Students in the Office Administration Certificate programs will develop superior office skills that are highly sought after by all employers.

Graduates have opportunities to enter and advance in careers such as office assistants, legal assistants, administrative assistants, bookkeeping assistants, accounting technicians, and receptionists.

***Admission Requirements***

If you are entering the program directly from high school, you require a High School Diploma with the following Alberta Education courses or equivalents:

- English 30-1 or English 30-2, minimum grade of 50 percent
- Mathematics 20-1, 20-2, or 20-3, minimum grade of 50 percent

If you do not have a high school diploma and have been out of school for at least one year, you require the following Alberta Education courses or equivalents:

- English 30-1 or English 30-2, minimum grade of 50 percent
- Mathematics 20-1, 20-2, or 20-3, minimum grade of 50 percent

***Mature Student Admission***

If you are 21 years of age or older and you do not meet any of the admission requirements for this program, you must attain a minimum score on an appropriate entrance test.



## Office Administration

### ***Progression Criteria***

In addition to the Academic Guidelines, the Department reserves the right to adhere to the following progression criteria:

- If you are a full-time student and you fail two courses in a semester, you will be placed on contractual departmental probation. You may be required to attend an additional writing and/or typing lab.
- If you are a full-time student and you fail three or more courses in any one semester, you will be required to withdraw from the full-time program for one full semester.

### **Practicum Progression Criteria**

Students will be eligible to enrol in OA1240, Work Experience, on the basis of:

- successful completion of five other OA courses,
- a minimum GPA of 2.3 in the most recently completed semester, and permission of the Practicum Instructor.

In granting permission to enrol in OA1240, the Practicum Instructor will take non-academic factors into consideration (attendance, interpersonal skills, etc.). Once on practicum, employment-level attendance and performance at the job site are required in order to receive credit for OA1240 Work Experience. A second placement will not normally be offered to students who do not receive credit for their first practicum.

### **Job Placement Facilitator**

When you graduate, you may access the services of a job placement facilitator. The job placement facilitator assists in placing Office Administration graduates into the job market. More than 500 graduates have been placed through this service over the past ten years.

### ***Advanced Standing***

If you have completed high school career and technology studies courses, you may be eligible for transfer credit towards Office Administration Certificate courses. As well, some post-secondary courses or prior learning may transfer to Office Administration programs.

If you believe you have completed work experience equivalent to OA1240 Work Experience, you may apply for Advanced Standing in accordance with College Policy. Advanced Credit or Credit for Prior Learning for OA1240 must be approved before the end of the second week of classes.

### ***High School CTS Course Credit Available***

If you have successfully completed courses in the Information Processing or Financial Management strands in the Career and Technology program of studies, you may be eligible for Advanced Standing in Office Administration. Please inform your advisor and the Department will assess courses on an individual basis.

### ***Statute of Limitations on Advanced Standing***

Students transferring into Office Administration with previous software training from other institutions should note that only software training successfully completed within the three years prior to admission will be considered for advanced standing or transfer credit.

### ***Additional Information***

#### ***\*Skill Building Requirement***

All students' keyboarding skills will be tested during the Department Orientation. Students who can demonstrate keyboarding skills at 40 net words per minute on a five minute timed test may choose to enroll in a 1.5 credit option. Students not keying at 40 net words per minute are required to enroll in one of OA1231 or OA1232, depending on their skills.

## Office Administration

### **MICROSOFT OFFICE CERTIFICATION**

Microsoft certification courses provide instruction and practice in the concepts required to successfully pass the Microsoft Office Specialist certification exam. Students should be aware that there is an extra cost component attached to each Microsoft Office Specialist certification exam.

Microsoft Office Specialist certification enhances academic performance while providing students with a substantial advantage in their higher learning and workforce pursuits. Students who earn their Microsoft Office Specialist certification will be rewarded with heightened confidence and increasingly competitive academic and workforce environments. They will be qualified to meet greater challenges, possessing the knowledge and ability to be more productive and share information in a compelling, intuitive manner.

The Department of Business and Office Administration is authorized as a Microsoft Office Specialist Testing Centre. For more information visit us at [www.gprc.ab.ca](http://www.gprc.ab.ca).

## **Office Administration Certificate**

In the Certificate program students will gain over 400 hours of Microsoft Office instruction that will allow them to harness the full power of Microsoft Office. Graduates of this program will enter today's extremely challenging job market with the advantage of being certified as an expert user of Microsoft Office Word, Excel, Access, PowerPoint and Outlook. Graduates of this major will be highly sought after as Microsoft Office Specialists in numerous positions including office support, administrative assistant and government office clerks.

### ***Program Curriculum***

#### ***First Year (30 credits)***

- OA1030 Business Communications I (3)
- OA1040 Business Communications II (3)
- OA1065 Word Core (3)
- OA1075 Word Expert\* (3)
- OA1145 Excel and Access (3)
- OA1155 Access and PowerPoint Expert\* (3)
- OA1215 Canadian Office Procedures I (3)
- OA1231 Skill Building I (1.5)
- OA1232 Skill Building II (1.5)
- OA1240 Work Experience (3)
- OA1275 Excel Expert\* (3)

*\*Includes MOS Certification Preparation and Challenge Opportunity*



## Office Administration

## Office Administration Certificate - Basic Bookkeeping

The Basic Bookkeeping Certificate will give students an opportunity to complete courses that will qualify them as an introductory bookkeeper and will give students training that will lead to employment in a wide variety of positions. There is a high demand for bookkeepers, bookkeepers' assistants, accounts receivable/payable supervisors, payroll assistants, and accounting technicians. Employers are always looking for ambitious employees who have skills and training for these positions.

### *Program Curriculum*

#### *First Year (30 credits)*

- OA1030 Business Communications I (3)
- OA1040 Business Communications II (3)
- OA1065 Word Core (3)
- OA1145 Excel and Access Core (3)
- OA1215 Canadian Office Procedures (3)
- OA1231 Skill Building I (1.5)
- OA1232 Skill Building II (1.5)
- OA1275 Excel Expert\* (3)
- OA1310 Bookkeeping I (3)
- OA1320 Bookkeeping II (3)
- OA1430 Sage 50 for Small Business (3) or  
OA1440 QuickBooks for Small Business (3)

*\*includes MOS Certification Preparation and Challenge Opportunity*

### *Practicum/Work Experience*

#### **Consider a Work Experience Option**

After successfully completing the course work required for your selected program, students are encouraged to enrol in OA1240 Work Experience for an additional 3 credits. Students will be placed with a work experience sponsor in a position that will give them 120 hours of practical experience as a bookkeeper, accounts payable/receivable clerk, or payroll assistant. Our work experience sponsors are local and regional employers who are dedicated and proven mentors.

## Office Administration Certificate - Legal Office

The Legal Certificate program is designed for students who have chosen a career working in a legal office. Students master legal vocabulary, legal office procedures and legal relations. Graduates of this program will enter the work force as legal assistants, legal secretaries, court house office support and company legal department's legal assistants.

### *Program Curriculum*

#### *First Year (30 Credits)*

- OA1030 Business Communications I (3)
- OA1040 Business Communications II (3)
- OA1065 Word Level I (3)
- OA1145 MS Excel Access Applications Level I (3)
- OA1215 Canadian Office Procedures (3)
- OA1231 Skill Building I (1.5)
- OA1232 Skill Building II (1.5)
- OA1240 Work Experience (3)
- OA1610 Legal Office Administration I (3)
- OA1620 Legal Office Administration II (3)
- LR3010 Legal Relations (3)

## Office Administration

### Office Administration Certificate - Oil and Gas

The Oil and Gas Certificate program is designed for students who are considering a career in the petroleum and gas industry. Successful completion of this program will lead to entry-level positions in an office support or assistant position in the oil and gas industry.

#### *Program Curriculum*

##### *First Year (30 credits)*

- OA1030 Business Communications I (3)
- OA1040 Business Communications II (3)
- OA1065 Word Core (3)
- OA1145 Excel and Access Core (3)
- OA1215 Canadian Office Procedures (3)
- OA1231 Skill Building I (1.5)
- OA1232 Skill Building II (1.5)
- OA1240 Work Experience (3)
- OA1275 Excel Expert\* (3)
- OA1310 Bookkeeping I (3)
- OA1710 Oil and Gas Terminology (3)

*\*Includes MOS Certification Preparation and Challenge Opportunity*

#### *Graduation Requirements*

To be eligible to receive a Certificate in Office Administration, you must successfully complete all program requirements. If you meet these requirements, please apply to graduate.



## Parts and Materials Technician

### Parts and Materials Technician

780-835-6631  
1-888-539-4772, ext. 6631  
[partsmaterials@gprc.ab.ca](mailto:partsmaterials@gprc.ab.ca)

Certificate  
*Duration: 36 weeks*  
*Total Credits: 49*

GPRC Fairview

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Parts and Materials Technicians are in high demand in north/central Alberta and this program is designed to provide the entry level technician an advantage in securing employment. Graduates of this program will qualify as third period apprentices in two trades, which will expand the availability of employment opportunities. The skills obtained in this course are highly sought after by prospective employers and will enable graduates to seek employment in a wide variety of job settings and locations.

Parts Technicians manage and dispense parts inventories, which may include automotive, heavy duty, farm implement, industrial, recreational vehicle, jobber, plumbing, electrical, etc. Parts Technicians may be responsible for stock handling, identifying and cataloguing parts, and assemblies, as well as ordering, receiving, inspecting, sorting, pricing and selling, depending on business areas.

You'll learn to order parts and keep inventories, receive and store supplies in an organized system, update price lists and catalogues, and materials handling equipment. The specific duties a parts technician performs depend upon the size of the wholesale, retail, or warehouse distribution business and the types of parts involved. Some businesses specialize in one line of equipment, such as a particular line of automotive parts, others stock parts for several makes of machinery as well as a wide variety of hardware supplies.

Materials Technicians are involved in the movement of materials in a wide variety of industries including agricultural, forestry, health, manufacturing, mining, oil and gas, transportation, and wholesale/retail industries. Materials Technicians may be employed in many different settings and work with a wide variety of materials, and their duties and responsibilities can vary considerably from one job to another.

They are employed by organizations that produce, process, and use products such as office supplies, tools and equipment, food goods, textile products, farm equipment, or industrial supplies.

You'll learn to prepare, generate, pack and ship orders; process orders; operate electronic material identification tools and schedules; as well as purchasing, warehousing and inventory control.

#### ***Admission Requirements***

Although a high school diploma is not required as a prerequisite for entrance into this program, students should be aware that some employers may require a high school diploma as a prerequisite for employment.

Course requirements are the same as with Alberta Apprenticeship and Industry Training (AIT) and include the following Alberta Education courses or equivalents:

- English 20-1 or English 20-2
- Mathematics 20-1, Mathematics 20-2 or Mathematics 20-3
- One 20-level Science

Applicants who do not meet these requirements may be admitted to the course upon successful completion of the AIT Entrance Exam.

## Parts and Materials Technician

### ***Progression Criteria***

Students who successfully complete Semester 1 will qualify to challenge the AIT Training First Period Exam for Parts and Materials Technician. These students will also continue on to Semester 2 and upon successful completion of the second semester will qualify to challenge both the Parts and Materials Technician AIT Second Period Exams. In addition, students who successfully complete semesters 1 and 2 will be placed in a work practicum for a four-week period.

## **Parts and Materials Technician Certificate**

### ***Program Curriculum***

*First Year (49 credits)*

*Semester 1 (16 weeks)*

- PM1100 Material and Handling Equipment (10)
- PM1200 Material Handling and Warehouse Operations (7.5)
- PM1300 Safety Skills, Communication and Transportation (6.5)

*Semester 2 (16 weeks)*

- PM2100 Automotive Parts Identification (11.5)
- PM2200 Heavy Duty Parts Identification (11.5)
- PM2300 Introduction to Inventory Management (1)

*Semester 3 (4 weeks)*

- PM3100 Work Practicum (1)

### ***Practicum/Work Experience***

Our 36-week program includes a work experience to give you practical experience along with the theory and hands-on training. You will be able to challenge the 1st- and 2nd-year apprenticeship exams, putting you well on your way to both Journeyman tickets.

### ***Graduation Requirements***

Students who successfully complete the required credits are eligible to receive a Certificate in Parts and Materials Technician. Once you have completed all program requirements, please apply to graduate.

### ***Apprenticeship Opportunity***

To register for technical apprenticeship training you must be indentured as an apprentice eligible for training. Typically, students would be employed full-time with a company and have signed a contract of apprenticeship with them that is registered with AIT.

Apprenticeship information can be accessed by visiting the AIT website at <http://tradesecrets.alberta.ca>.

## Perioperative Nursing

### Perioperative Nursing

780-539-2753  
1-888-539-4772, ext. 2753  
[nursing@gprc.ab.ca](mailto:nursing@gprc.ab.ca)

**Post-RN Certificate**  
*Duration: 22 weeks*  
*Total Credits: 24*

**Regional Delivery**

This distance education program has been approved by the Operating Room Nurses Association of Canada.

Registered nursing programs may only provide students with minimal exposure to specialty areas and, as a result, fewer nurses are considering perioperative nursing as a career choice. The GPRC Perioperative Nursing Certificate program has been developed to fill this educational need by utilizing the current Operating Room Nurses Association of Canada (ORNAC) recommended core curriculum: Perioperative Education Programs for Registered Nurses.

This program includes theory content from nursing, sciences, and the humanities. The focus is on individualized, patient-oriented care. Using context-based learning and the principles of adult learning, the program is delivered by using online synchronous and asynchronous learning strategies. In addition, clinical assignments are designed to provide the learner with opportunities to apply perioperative registered nursing theory in the practice setting.

Using a unique knowledge base and utilizing the nursing process, perioperative registered nurses are able to meet the individual needs of patients during the surgical experience.

Through four core courses, this program will prepare the registered nurse to function in the perioperative environment at the advanced novice level; that is, as a registered nurse who can demonstrate acceptable performance with the support of an experienced mentor. The program consists of two theory courses, one skills lab, and one clinical practice course.

Students will be required to attend 32 hours of skills lab in an operating room setting under the direction of a designated instructor. A skills lab (OR4020) is held in Grande Prairie or, at times, may be offered at various sites as arranged by the program instructor. The clinical practicum (OR4040) is accomplished through clinical placement and executed with the assistance of preceptors and the program instructor.

#### ***Admission Requirements***

Prospective students are advised to contact the Department of Nursing Education and Health Studies before applying for the program.

Students must submit a letter from a supervisor verifying at least one full year of full-time experience in nursing practice. If students do not have one year of full-time nursing practice experience, their application may be considered on an individual basis. In lieu of one year of nursing experience, the student must provide a letter of recommendation from a nursing manager/clinical educator in support of program enrolment.

#### **Additional Requirements**

- Current provincial/territorial registered nursing registration - please note: Students cannot participate in any aspect of clinical practicum without valid registered nursing practice registration. Depending on your provincial/territorial registered nursing practice year, you may be asked again, during the program, to provide current proof of current nursing practice registration.
- Verification of mask fit testing within the last year - N95
- Students must provide an immunization record upon admission. Students who are admitted to the program will receive information on required immunizations with their registration.
- A Police Information Check (PIC) will be required within 90 days of program start date. A current clear security clearance (PIC) for working with vulnerable populations is required prior to commencing a clinical course. Any security event that occurs between program registration and clinical or during clinical must be disclosed by the student.



## Perioperative Nursing

### *Advanced Standing*

- Using PLAR (Prior Learning Assessment and Recognition), students with perioperative nursing practice experience may challenge OR4020 Perioperative Nursing Skills Lab.
- Students may also have an opportunity to have all or some clinical components of OR4040 Clinical Practicum waived based on assessment of prior learning and experience.
- Assessment of prior learning and experience will be restricted to the skills lab (OR4020) and the clinical component of OR4040, as students are expected to complete all theory components of the program. Prior perioperative nursing experience is assessed by the instructor on an individual basis using course evaluation tools. Students must discuss the assessment of prior learning/experience process with the course instructor at the outset of the program.

### *Progression Criteria*

A grade of B (75 percent) is the minimum passing grade. Students must complete both theory and practice components of nursing courses to receive credit.

Students may be required to write a theory exam if clinical commencement date is more than thirty (30) days past the theory completion date.

A student, who is absent for more than two clinical days, may need to make up the lost time before being allowed to progress through clinical or complete the program. Absences from the clinical site may result in the instructor being unable to evaluate the student's clinical performance and may result in the student being assigned a failing grade in the course.

This program must be completed within one year of the program start date.

## Perioperative Nursing Post-RN Certificate

### *Program Curriculum*

#### *First Year (24 credits)*

- OR4010 Perioperative Nursing Theory (7)
- OR4020 Perioperative Nursing Skills Lab (2)
- OR4030 Perioperative Nursing and Surgical Interventions (5)
- OR4040 Perioperative Nursing Clinical Practicum (10)

#### *Notes:*

*Students taking the clinical practicum must provide the Nursing Clinical Placement Coordinator with three clinical placement options by the date on the placement request form (form and process provided upon registration). Every effort is made to accommodate student stated options, however, placement sites are dependent upon availability and students are not guaranteed the placement of their choice. If necessary, students will be required to travel to another community for clinical hours.*

*Students wanting to do a practicum outside of Alberta will be required to initiate arrangements of their own clinical placement at a site that meets with the course objectives. Information on this process will be sent to students upon registration.*

*Students will be responsible for any travel and accommodation costs associated with the skills lab and clinical placement.*

### *Graduation Requirements*

To be eligible to receive a Post-RN Certificate in Perioperative Nursing, you must successfully complete all requirements of the curriculum. Once you have completed the program requirements, please apply to graduate.

## Personal Trainer

### Personal Trainer

780-539-2063  
1-888-539-4772, ext. 2063  
[peak@gprc.ab.ca](mailto:peak@gprc.ab.ca)

**Diploma**  
*Duration: 60 weeks*  
*Total Credits: 63*

GPRC Grande Prairie

The demand for educated and certified personal trainers has never been greater. The Personal Trainer program gives you the hands-on experience and specialized personal trainer knowledge you need to become a certified personal trainer able to sustain a lucrative personal trainer career.

Students will receive specialized training in one or more certifications, and be given the opportunity to gain valuable experience by completing a supervised practicum in this growing industry. The curriculum is rich with courses geared specifically toward preparing students to be very knowledgeable about the fitness industry and very competent in their personal skills. Students will not be required to repeat any training for which they have current certification.

The diploma program incorporates both theory and practical components. The theory courses, many of which are university transferable, provide the student with the background information necessary to understand the structure and function of the human body and its adaptations to exercise. The practicums provide an opportunity for students to develop the skills required to assess individual physical fitness levels, to formulate and deliver appropriate fitness programs, and to network with businesses in the local fitness community.

#### ***Admission Requirements***

For admission into the Personal Trainer Diploma, an overall average of 50 percent in the following Alberta Education courses or equivalents is required. See Entrance Requirements tables for courses within groups A, B, or C.

- English 30-1 or English 30-2
- Two subjects from Group A or C
- One subject from Group C\*
- One subject from Group A, B, C or Physical Education 30
- AFLCA Exercise Theory\*\*
- Only one language other than English will be accepted

*\*Math 30-2 is acceptable for admission; however, only one of Mathematics 30-1 or Mathematics 30-2 may be used for admission.*

*\*\*Students must have completed the Alberta Fitness Leadership Certification Association (AFLCA) Exercise Theory course prior to the first day of class. The AFLCA Exercise Theory course is offered annually the third weekend of August. Call 780-539-2816 to register. If students are unable to attend the course at GPRC, the course is held elsewhere throughout Alberta. Students will be responsible for additional fees incurred when registering for these certification courses. CPR is required for AFLCA certification.*

#### ***Mature Student Admission***

Students 21 years of age or older who do not meet the stated admission requirements must attain a minimum score on an appropriate entrance test before acceptance into the program is granted.

#### ***Part-Time Student Admission***

Students may enrol in up to two courses without admission to the program. Upon successful completion of two courses, if you wish to continue in the program, you will be expected to apply to the program and meet all admission requirements. Once you have met all admission requirements and received admission to the program, you will be granted credit for courses successfully completed prior to admission.

## Personal Trainer

### ***Progression Criteria***

A full-time student in the Diploma program who fails one course in a semester will be placed on contractual departmental probation for the following semester. Failure to meet the probation requirements may result in forced withdrawal from the full-time program for one full semester. A full-time student in the Diploma program who fails two or more courses in any one semester will be required to withdraw for one full semester from the full-time program. Readmission to the program will be subject to review.

## **Personal Trainer Diploma**

### ***Program Curriculum***

#### ***First year (33 credits)***

- BA1010 Business Communications I (3)
- BA1020 Business Communications II (3)
- BA1150 Computers in Business (3)
- PA1981 Instructions of the Basics of Cardiovascular Training (3)
- PE1000 Structural Anatomy (3)
- PE1015 Essentials of Human Physiology (3)
- PE1030 Integrative Human Physiology (3)
- PE1050 Introduction Sports Administration (3)
- PE2200 Introduction to Personal Physical Fitness (3)
- PF1980 Leadership in Resistance Training (3)
- PF2900 Fitness Assessment and Advanced Counseling (3)

#### ***Second year (30 credits)***

- BA1040 Small Business Management (3)
- PE2000 Exercise Physiology (3)
- PE2060 Biomechanics (3)
- PE2400 Sports Injuries (3)
- PE2420 Introduction to Nutrition for Exercise and Performance (3)
- PE3030 Psychology of Sport and Physical Activity (3)
- PF1910 Fitness Practicum (3)
- PF2910 Advanced Fitness Practicum (3)
- PF2920 Certified Personal Trainer Exercise Prescription (3)
- PF2980 Advanced Training Methodologies (3)

### ***Graduation Requirements***

To graduate with a Personal Trainer Diploma you must successfully complete all program requirements. If you meet these requirements, please apply to graduate.

Following completion of the GPRC Personal Trainer Diploma students will be prepared to write the CSEP-CPT National Exam and complete the CSEP-CPT Practical Exam.

To obtain CSEP-CPT certification, students must provide a copy of their official GPRC transcripts stating that they have completed their Personal Trainer Diploma to the Canadian Society of Exercise Physiology.

### ***Additional Information***

#### **Students of PEAK**

Students enrolled in fitness programs are eligible for membership in Students of PEAK (SPEAK), the organization of physical education students. See information about this student organization in the Bachelor of Physical Education section of this calendar. Executive members of SPEAK may be eligible for co-curricular recognition.

# Power Engineering

## Power Engineering

780-835-6637  
1-888-539-4772, ext. 6637  
[powereng@gprc.ab.ca](mailto:powereng@gprc.ab.ca)

### Fourth Class Certificate

*Duration: 33 weeks*  
*Total Credits: 32*

GPRC Fairview

### Third Class Certificate

*Duration: 18 weeks*  
*Total Credits: 25*

*Curriculum is subject to changes in accordance with ABSA regulations and changes to the National SOPEEC syllabus.*

Industrial development continues to result in the expansion of the Power Engineer's responsibilities. Provincial legislation requires the certification of employees before they assume responsibilities in heating and power plants. There are five certificate levels: Fifth, Fourth, Third, Second and First. Each involves qualifying time requirements and Standardization of Power Engineering Exams Committee (SOPEEC) examinations (for inter-provincial certificates), administered by the Alberta Boilers Safety Association (ABSA).

GPRC's Power Engineering program has entry and exit points throughout the program. Students can enter at the beginning of the program and continue for two years and finish with a full Interprovincial Third Class Power Engineering Certificate of Competency issued by ABSA. Students may also leave after the Fourth Class portion with a full Fourth Class Interprovincial Power Engineers Certificate of Competency (issued by ABSA). Students who need to complete either portion of the Third Class Power Engineering Certificate of Competency may enter the program at that time and complete either Part A or Part B of the Third Class Interprovincial Power Engineering Certificate of Competency.

Students new to the Power Engineering field will begin with the fourth class program which includes a 12-week work experience to satisfy ABSA requirements for the Fourth Class certification under SOPEEC.

Applicants should have good manual dexterity and good hand-eye coordination since they will be required to operate switches and controls while monitoring instruments. Students should be aware that colour blind testing, physical abilities, and communication skills may be required or tested for by some employers.

### **Admission Requirements**

For additional information on this Program, please see [Important Documents](#) under Admissions on our website.

#### **Fourth Class Power Engineer Admission Requirements:**

- English 30-1 or English 30-2
- Mathematics 30-1 or 65 percent in Mathematics 30-2
- Any 30-level Science with 65 percent minimum
- Career Investigation Report as per specified format

Applicants not meeting the above requirements may request a review of their education and prior work skills by contacting the Student Services office. Although a high school diploma is not required for entrance to this program, students should be aware that some employers may require a high school diploma as a prerequisite for employment.

There is a quota on the number of students that can be admitted to the Power Engineering program. The very high demand for the program makes it impossible to accept all qualified applicants.

#### **Selection Criteria**

Student selection will include academic achievement beyond the minimum prerequisites.

#### **Third Class Power Engineering Admission Requirements:**

Students must be certified as a Fourth Class Power Engineer.

## Power Engineering

### ***Progression Criteria***

After successfully completing the Fourth Class Certificate of Competency, students have two options:

- Leave the program with their Fourth Class certification  
or
- Continue on to the Third Class program

### ***Advanced Standing***

This program is approved by Alberta Boiler Safety Association (ABSA), therefore advanced credit will not be allowed for core courses.

## **Power Engineering Certificate, Fourth Class**

### ***Program Curriculum***

#### ***Fourth Class (32 credits)***

#### ***Fall (16 weeks)***

##### ***Block 1 (11 weeks)***

- POF401 Fourth Class, Part A1 (7)
- POF402 Fourth Class, Part A2 (7)
- POF403 Part A Power Lab (1)

##### ***Block 2 (5 weeks)***

- POF406 Fourth Class, Part B1 (6)
- POF407 Part B1 Power Lab (0.5)
- POF425 Technical Communications I (1)

#### ***Winter (17 weeks)***

##### ***Block 3 (12 weeks)***

- POF429 Controlled Plant Practicum / Work Experience (2)

##### ***Block 4 (5 weeks)***

- POF408 Fourth Class, Part B2 (6)
- POF436 Technical Communications II (1)
- POF437 Part B2 Power Lab (0.5)

### ***Practicum/Work Experience***

Practicum courses are an integral part of the Power Engineering program. In practicum, students put into practice the theory they have learned. A 12-week practicum (POF429) takes place January-March. Students gain practical experience in powerhouse/processing and high pressure steam. Salary will not be paid, and any relocation expense is the responsibility of the student. Students must have valid H2S and First Aid certificates prior to beginning POF429 Controlled Plant Practicum.

## Power Engineering

# Power Engineering Certificate, Third Class

### *Program Curriculum*

*Third Class (25 credits)*

*Block 1 (8 weeks)*

- POF301 Third Class, Part A1 (5.5)
- POF302 Third Class, Part A2 (5.5)

*Block 2 (10 weeks)*

- POF311 Third Class, Part B1 (7)
- POF312 Third Class, Part B2 (7)

### *Graduation Requirements*

Students completing all of the prescribed requirements with no failing grades, and a minimum of 65 percent in all courses and labs, and attending a minimum of 80 percent of all classes, will be eligible for a certificate in Power Engineering. Once you have completed all program requirements, please apply to graduate.

### *Additional Information*

#### **Classroom and Study Hours**

Students will spend a total of 32 hours per week in class, including 4-6 hours in labs. Students can expect to study outside of class approximately 2-3 hours each evening and 6-8 hours each weekend.

#### **Pre/Post Graduation Affiliation**

Students may apply for student membership and graduates may apply for full membership in the Institute of Power Engineers (IPE). Students and graduates must maintain their ABSA membership status to keep their Certificates in good standing.



## ThinkBIG Service Technician

**ThinkBIG Service Technician**

780-835-6737  
 1-888-539-4772, ext. 6737  
[hcs@gprc.ab.ca](mailto:hcs@gprc.ab.ca)

**Diploma**  
*Duration: 80 weeks*  
*Total Credits: 52*

**GPRC Fairview**

The ThinkBIG (Heavy Equipment) Service Technician program is the result of a unique partnership between GPRC, Caterpillar Inc., world leader in the manufacture of heavy equipment, and Finning, Caterpillar's largest dealership worldwide. GPRC is the only post-secondary institution in Canada to offer this globally recognized training, which is custom-formulated to meet Alberta Apprenticeship examination requirements.

The ThinkBIG program is a two year diploma program (80 weeks in length) located at the GPRC Campus in Fairview, Alberta. Students gain advanced technical knowledge and hands-on skills directly related to Caterpillar equipment and upon graduation are ready to work anywhere Finning has opportunities – more than 40 locations across Alberta, B.C., NWT and the Yukon. Graduates are in exceptionally high demand.

This program consists of five 16-week blocks divided into 8 weeks of classroom theory and labs on campus, followed by a paid 8-week work practicum at a licensed Finning location.

The applicant should have a genuine interest in mechanical systems and a desire to understand the underlying theoretical principles that govern machine operation and design. The work often involves analytical troubleshooting and problem solving in an active and physical work environment. Those who are considering this program should enjoy the challenge of working on some of the largest, most technologically advanced equipment in use today. Students must be Canadian residents and able to work in a physically demanding environment.

Finning will pay the tuition for this program for successful applicants and, upon commencement of the program, students will become employees of Finning. As employees of Finning, students will receive benefits as per Finning's benefits plan after completion of a three month waiting period. In addition, Finning provides major financial support to students throughout the program. Each successful applicant will receive coveralls, books, apprenticeship exam fees, and personal protective equipment at no cost. Students must, however, provide their own CSA approved footwear.

At the end of the program, employment is not guaranteed with Finning, but every effort will be made to accommodate successful students.

***Admission Requirements***

- High School Diploma (GED or Certificate of Achievement will not be accepted as an equivalency)
- Successful interview with Finning and GPRC panel.
- Pass of Standardized Differential Aptitude testing.
- Canadian citizen or Permanent Resident (Landed Immigrant).
- Completion of a resume and a HES Career Investigation Report
- Pass of a Physical Demands Assessment as required by Finning Canada

Demand for this program is very high. Preference may be given to those who:

- have academic achievement beyond the stated prerequisites
- are actively involved in activities related to this field
- can supply references documenting their experience, involvement, or potential in this field.

***Progression Criteria***

Students must pass both the school exams and the Heavy Equipment Technician apprenticeship exams in order to progress to the following semester.



## ThinkBIG Service Technician

**ThinkBIG Service Technician Diploma****Program Curriculum**

**First Year (29.5 credits)**  
**Fall (16 weeks), Block 1**

- HES110 Introduction to Caterpillar Service Industry (2)
- HES121 Introduction to Machine Systems (3)
- HES131 Electrical Fundamentals (1.5)
- HES141 Hydraulic Fundamentals – Basics (2)
- HES190 Work Placement (2)

**Winter (16 weeks), Block 2**

- HES211 Starting and Charging Systems (2)
- HES221 Truck and Trailer Suspension and Steering (1.5)
- HES231 Air Brakes (2)
- HES241 Hydraulic Brakes (1.5)
- HES262 Electrical Circuits (1.5)
- HES290 Work Placement (2)

**Spring (8 weeks), Block 3**

- HES321 Engine Fuel Systems (3)
- HES331 Engine Fundamentals (4)
- HES362 Engine Diagnostics / Repair (1.5)

**Second Year (22.5 credits)**  
**Summer (8 weeks), Block 3**

- HES390 Work Placement (2)

**Fall (16 weeks), Block 4**

- HES410 Machine Hydraulic Systems (3.5)
- HES462 Off Road Machine Systems Diagnostics / Repair (1.5)
- HES490 Work Placement (2)
- HES511 Power Train II (3.5)

**Winter (16 weeks), Block 5**

- HES251 Air Conditioning Systems (1.5)
- HES421 Power Train I (4)
- HES440 On Highway Steering (1)
- HES562 On Highway Machine Systems Diagnostics/Repair (1.5)
- HES590 Work Placement (2)

*The work Experience courses (HES190, HES290, HES390, HES490, and HES590) are taught at a licensed Finning location. (In the rare occurrence that a Finning placement is not available, the student will be required to arrange a practicum placement with the assistance of the College.)*

**Graduation Requirements**

To be eligible to receive a ThinkBIG Service Technician Diploma students must complete all required courses with a GPA of no less than 2.7 and no failing grades. Once you have completed all program requirements, please apply to graduate.

**Apprenticeship Opportunity**

Included is all the technical training required to meet the Alberta Apprenticeship requirements for Heavy Equipment Technician (HET). Students can challenge all the HET apprenticeship examinations and may achieve journeyperson status after the specified “time-on-the-job” requirements are met. Apprenticeship information can be accessed by visiting <http://tradesecrets.alberta.ca>.

## Unit Clerk

### Unit Clerk

780-539-2750  
1-888-539-4772, ext. 2750  
[nursing@gprc.ab.ca](mailto:nursing@gprc.ab.ca)

**Certificate**  
*Duration: 20 weeks*  
*Total Credits: 26*

**GPRC Grande Prairie**

This intense 20-week full-time program is designed to prepare you for a future in the health care field in hospitals, health units, and clinics. Unit Clerks play a vital role in these workplace settings by managing information flow.

The program will provide you with the knowledge and skills to work in hospital or clinic settings in the role of a Unit Clerk. The courses provide a practical introduction to such topics as medical terminology, communication, office procedures, processing of physician orders, and health care billing. A practicum at the end of the program will provide an opportunity for you to apply theoretical learning in a practical setting.

#### ***Admission Requirements***

Students are required to present a High School Diploma with:

- minimum of 60 percent in English 30-1 or 65 percent in English 30-2
- 50 percent in Mathematics 20-1 or Mathematics 20-2.

Students without high school diploma requirements may have their application assessed on an individual basis. All students accepted into the program must provide a current immunization record and current certification in C.P.R. Students will receive information on required and recommended immunizations with their admission.

Practicum agencies require Police Information Checks of students working in their organizations. Information regarding Police Information Checks will be provided to students after they have been admitted.

#### ***Progression Criteria***

In order to be eligible for the practicum at the end of the program (UC1213), students will need to present passing grades in OA1030, OA1215, OA1231 and OA1365 and have obtained a minimum grade of C- in UC1202, UC1208, UC1250 and OA2511.

## Unit Clerk Certificate

### ***Program Curriculum***

*First Year (26 credits)*

- OA1030 Business Communications I (3)
- OA1215 Canadian Office Procedures I (3)
- OA1231 Skills Building I (1.5)
- OA1365 Introduction to Software Applications (3)
- OA2511 Medical Terminology I (3)
- UC1202 Work Role: Introduction (3)
- UC1208 Processing Client Records (3)
- UC1213 Work Experience (5)
- UC1250 Introduction to Pharmacology (1.5)

## Unit Clerk

### ***Practicum/Work Experience***

Students may be required to attend their practicum at a location outside of Grande Prairie.

Students may be required to defer their practicum if placements are not available. Students must complete their practicum within two years from the date they started the program.

### ***Graduation Requirements***

To be eligible to receive a Certificate in Unit Clerk, you must successfully complete the prescribed curriculum. Once you have completed all program requirements, please apply to graduate.

### ***Advanced Standing***

Students who have completed a Certificate or Diploma in Office Administration or Dental Clerk within the last three years will normally receive advanced credit in the Unit Clerk program for OA1215, OA1231, OA1030 and OA1365.

### ***Additional Information***

#### **Length of Time to Complete Program**

The curriculum is designed to be taken over 20 weeks. Students should complete the program within two years of initial admission to the program.

Application for an extension to the program, along with a plan for completion, must be submitted to the Department Chairperson for review by the Student Academic Review Committee.

## **Unit Clerk Distance**

### ***Program Curriculum***

All of the courses within the Unit Clerk program are completed through online studies. Students, once registered, are provided with access to Moodle where they will access the courses. Students will be expected to take UC1213 Work Experience outside of Grande Prairie however still within the Province of Alberta.

### ***Practicum/Work Experience***

Students will be required to attend practicum at a location outside of Grande Prairie. Students will be required to secure their own clinical placement as per the guidelines provided by the Department upon admission in conjunction with the Clinical Placement Coordinator.

### ***Advanced Standing***

Students who have worked in a Unit Clerk setting may be eligible to apply for Prior Learning Assessment and Recognition (PLAR).

### ***Additional Information***

#### **Length of Time to Complete Program**

Students should complete the program within two years of initial admission to the program.

## Visual Arts and Design

### Visual Arts and Design

780-539-2909  
1-888-539-4772, ext. 2909  
[finearts@gprc.ab.ca](mailto:finearts@gprc.ab.ca)

**Diploma**  
*Duration: 60 weeks*  
*Total Credits: 60*

GPRC Grande Prairie

The Fine Arts Department at GPRC is a great place to start your career in the visual arts. The Visual Arts and Design program and Bachelor of Fine Arts (BFA) University Transfer program, offer a balance of hands-on studio and lecture-based courses. The curriculum is designed to prepare students for advanced studies at a university or an art institute. Our alumni go on to be successful in a wide variety of careers and art related professions including:

- Art Directors
- Craft artists (jeweler, potter, textiles...)
- Fine artists (painters, sculptures, illustrators...)
- Graphic designers, commercial and industrial designers
- Multi-media artists and animators
- Related cultural industries (art galleries, museums, curators, art historian, art education, art management...)

If you are interested in a career in contemporary visual art or just want to explore your potential, the Visual Arts and Design program is a great place to start.

#### ***Admission Requirements***

GPRC does not require a portfolio for entrance into first year.

To be considered for admission to the Visual Arts and Design program, you will need to present an Alberta Education High School Diploma or equivalent, with English 30-1 or equivalent.

#### ***Mature Student Admission***

You may be considered for admission to the Visual Arts and Design program if you have been out of school for one full year, have English 30-1 or are admissible to EN0130 as determined by College placement assessments. Successful completion of EN0130 must be achieved in the first semester. If you do not present English 30-1 for admission, you may not be able to complete all requirements for the first year in two semesters.

#### ***Advanced Standing***

Students wishing to apply for admission to the Visual Arts and Design program with advanced standing must have successfully completed one year of art study at the post-secondary level. You must present an official transcript of academic achievement, an art portfolio, and a letter of intent. You may be interviewed prior to admission and your portfolio must be submitted prior to June 1 for the year in which you are applying.

The art portfolio should contain 15 to 20 current works (no older than 1.5 years) of original two-dimensional art. The artwork should be presented in a proper portfolio folder with your name on each piece and numbered on the front lower right corner. The portfolio may include both traditional and digital work. All digital work must be cross platform. Items in your portfolio should be specified in a printed reference sheet that includes a number of the art, date of the work, title of the piece, and medium. (Sample portfolio label: "Nature Redtones, Acrylic on Canvas, April 2012"). GPRC will take every precaution to protect your portfolio but will not be responsible for unforeseen damage or loss of portfolios.

Your letter of intent should be a one page statement about why you want to be in the Visual Arts and Design Program. You may want to address your art background, areas of interest or activities in art, your career and educational goals, and anything else that you feel is important that we should know about you as a prospective student. Short listed applicants may require a final interview with the selection committee. This will be set as early as possible after the portfolio review. A phone interview can be arranged if distance from the College is a problem.

## Visual Arts and Design

### Visual Arts and Design Diploma

#### *Program Curriculum*

##### *First year (30 credits)*

- AR1010 Introduction to the History of Art I (3)
- AR1020 Introduction to the History of Art II (3)
- AR1360 Visual Fundamentals I (3)
- AR1370 Visual Fundamentals II (3)
- AR2410 Drawing I (3)
- AR2430 Drawing II (3)
- Junior English (6)
- DD1380 Design Fundamentals I (3)
- Approved Option (3)\*, normally chosen from 1000-level Studio Option or UT Option

##### *Second Year (30 credits)*

- AR3410 Drawing III (3)
- AR3430 Drawing IV (3)
- AR3705 Portfolio Development (3)
- 2000-Level Art History (6)
- Studio Options (12 credits)\*\*, chosen from 3000-Level Art (AR) or 2000-Level Digital Design (DD)
- Options (3 credits)\*

*\*Students should consult with an advisor to select an option that meets the requirements of their educational goal. Bachelor of Fine Arts students must take a university transferable (UT) option.*

*\*\*DD1160 paired with DD1170 will qualify as a 2000-level Studio Option.*

#### ***Graduation Requirements***

Students must successfully complete the diploma curriculum outlined above to be eligible to receive a Diploma in Visual Arts and Design. Once you have completed all program requirements, please apply to graduate.

#### ***Additional Information***

##### **Facilities**

Visual Arts students work in an exciting and creative environment. Our facilities include a multi-use workshop; painting, drawing and sculpture studios with dedicated student work stations and a computer lab with static media and video editing capabilities.

The curriculum focuses on the basics of visual communication used in art and design. The courses are designed to develop students' ability to think critically and creatively, and to enhance their written and oral communication skills. First year courses introduce basic concepts through a mixture of hands-on studio and theory-based lecture and provide prerequisite skills for second year courses and a solid foundation for professional practice.

## Welding, Pre-Employment

**Welding, Pre-Employment**

780-835-6682  
 1-888-539-4772, ext. 6682  
[welder@gprc.ab.ca](mailto:welder@gprc.ab.ca)

**Pre-Employment Certificate**  
*Duration: 12 weeks*  
*Total Credits: 14*

**GPRC Grande Prairie**

The Welding Certificate is in alignment with Welder, First Period curriculum outlined by Alberta Apprenticeship and Industry Training (AIT). This training includes:

- Flux core arc welding (FCAW)
- Gas metal arc welding (GMAW)
- Metal-cored arc welding (MCAW)
- Oxy-acetylene welding (OAW)
- Submerged arc welding (SAW)
- Shielded metal arc welding (SMAW)

This program includes:

- Basic joints, types of welds, welding symbols and weld faults, plus hands-on experience in safe work practices in shop and lab, hand tools and power tools, equipment setup, trades math, maintenance and troubleshooting.
- This is an intensive program offering about 1.5 times as much instruction as the regular apprenticeship program.

***Admission Requirements***

- English 10-1 or English 10-2 and
- Mathematics 10C or Mathematics 10-3 and
- Science 10 or Science 14

Although a high school diploma is not required as a prerequisite for entrance into this program, students should be aware that some employers may require a high school diploma as a prerequisite for employment.

Applicants who do not meet these requirements may be admitted to the program but they will be required to pass the AIT Trades Entrance Exam during the first semester if choosing to pursue an apprenticeship.

***Additional Information***

**Special materials required:**

- Pencils
- Approved protective clothing (footwear and coveralls, etc.)
- Welder's gloves
- Welder's hat or beanie
- 2-3" Ring binders
- Approved safety glasses
- Ear plugs
- Calculator (non-programmable, with square root function)
- Lock

## Welding, Pre-Employment

# Welding, Pre-Employment Certificate

### *Program Curriculum*

*First Year (14 credits)*

- ITW10 Welding Safety and Tools (3)
- ITW11 Trades Math (2)
- ITW12 GMAW, FCAW, MCAW, SAW Theory (2)
- ITW13 Welding Technology (4)
- ITW14 Welding I Processes Practice (3)

### *Graduation Requirements*

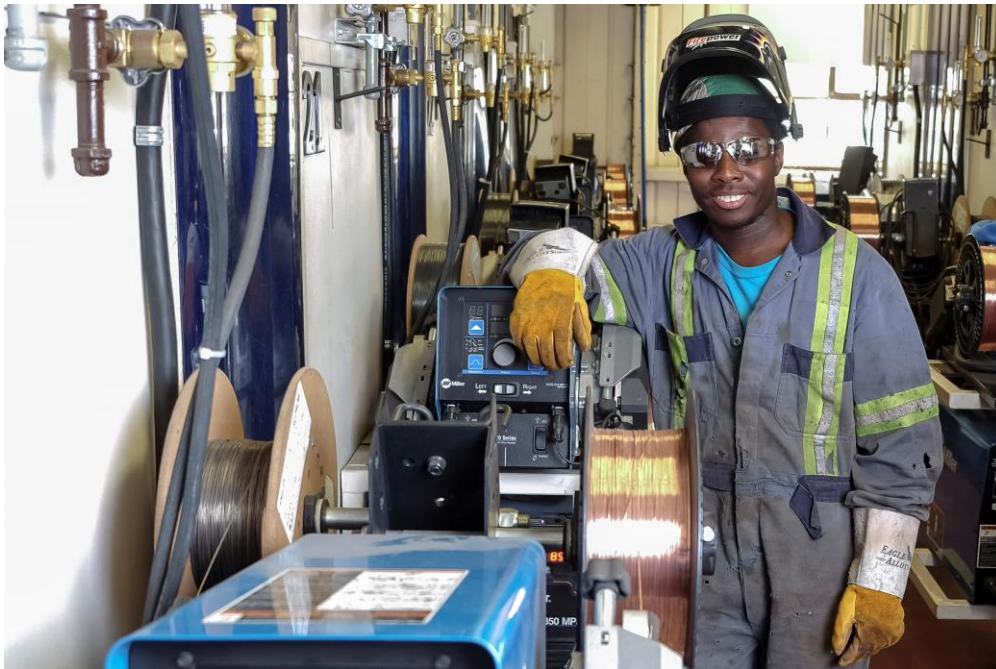
Students must complete all required courses with a GPA of no less than 2.00 and no failing (F) grades. If you have complete all of the requirements of the program, please apply to graduate.

### *Apprenticeship Opportunity*

Students who have successfully completed the program and also completed an acceptable Alberta Apprenticeship Prior Learning Assessment Application may have the opportunity to challenge the AIT first-year welder exam.

To register for technical apprenticeship training you must be indentured as an apprentice and eligible for training. Typically, students would be employed full-time with a company and have signed a contract of apprenticeship that is registered with AIT.

Apprenticeship information can be accessed by visiting the AIT website at <http://tradesecrets.alberta.ca>.







## University Transfer



## University Transfer, Arts

### Arts

780-539-2797  
1-888-539-4772, ext. 2797  
[arts@gprc.ab.ca](mailto:arts@gprc.ab.ca)

**University Transfer**  
*Maximum of 4 semesters and 60 credits  
transfer to 4-year degree program*  
**Areas of Concentration**

**GPRC Grande Prairie  
Regional Delivery**

- Anthropology
- Art and Design
- Drama
- Economics
- English
- French
- German
- History
- Mathematics
- Music
- Philosophy
- Political Science
- Psychology
- Sociology

**Pre-Professional Programs**

- Criminology
- Journalism
- Law (LLB)
- Social Work

*\*Please note that sequencing is designed for transfer to the University of Alberta unless otherwise noted.*

Arts students at GPRC choose from a wide selection of majors and study with highly qualified faculty. The small class environment provides an excellent foundation for a choice of transfer options to a four-year institution, such as the University of Alberta.

Many students, with one to two years of course work in University Transfer, Arts at GPRC have successfully transferred to universities both within the province and throughout Canada. Students wishing to begin their arts program at GPRC and then transfer to an institution other than the University of Alberta are encouraged to consult with an Academic Advisor who can assist them with course selection and with the interpretation of university requirements.

The Bachelor of Arts degree at the University of Alberta is 120 credits of course work that includes basic requirements, and a major and a minor subject of concentration. The University of Alberta requires, as do most other degree-granting institutions, that students complete at least half (60 credits) of degree requirements in courses offered through the University of Alberta, and that (normally) these will be the final (senior) courses in the program. This is called the Residency Requirement.

Normally, no more than 48 credits at the junior level (courses usually transferring to the University of Alberta at the 100 level) may be taken for degree credit. Students will not be permitted to take junior courses in the fourth year (last 30 credits) of the program; and they normally take junior level courses only in the first year of the program.

To complete this 120-credit degree in four years requires the completion of five courses per semester, over two semesters each year, or 30 credits per year for four years. Students may extend this program over a longer period of time or complete some course work during Spring and Summer Sessions at the University of Alberta and Grande Prairie Regional College. The University of Alberta will accept applications from a transfer student upon completion of a minimum of 24 university transferable credits.

## University Transfer, Arts

### ***Admission Requirements***

Admission to the University of Alberta Bachelor of Arts programs requires an overall average of 60 percent in the following five Alberta Education courses:

- English 30-1
- Four subjects chosen from Biology 30, Chemistry 30, a Fine Arts (only one Fine Arts subject may be presented), Mathematics 30-1 or 30-2, Mathematics 31, Physics 30, Science 30, Social Studies 30-1, 30-level language other than English.

Applicants pursuing a psychology major must present a minimum of Mathematics 30-2 for admission. Applicants considering a major in Mathematics must present Mathematics 30-1 and Mathematics 31. For a major in Economics, applicants must present Mathematics 30-1. Presentation of Mathematics 31 is recommended.

If your plans are to transfer to an institution other than the University of Alberta, the admission criteria may vary. Check with the Associate Registrar, Admissions or an Academic Advisor in Student Services.

### ***Mature Student Admission***

Applicants who are 21 years of age or older and do not have a high school diploma may still be eligible for admission as a Non-Matriculated Adult (NMA). Admission to the University of Alberta Bachelor of Arts program requires an overall average of 60 percent on the following two courses or their equivalents:

- English 30-1
- One other 30-level subject from Group A, B, or C as per the [Classification of Alberta Education Courses](#).

Regardless of admission requirements, applicants must still have the 30-level subjects specified as prerequisite to the courses that they are required or elect to take in their program.

## **Arts, University Transfer**

### ***Program Curriculum***

The Basic Requirements are designed to give the foundation of a liberal arts education, and students are encouraged to complete the majority of the basic requirements for the degree in the first two years (60 credits) of their program.

No one course may meet more than one of the basic requirements listed below:

- Junior English (6 credits)
- One Language other than English (6 credits)
- Study of Science (6 credits)
- Breadth and Diversity (18 credits), of which (6 credits) must be chosen from each Group

The following is a list of basic course requirements available at GPRC. For course descriptions and prerequisites, check the Course Descriptions section of this calendar.

#### **Junior English (6 credits)**

- EN1000 (6) or any two of: EN1111, EN1112, EN1131, EN1132, EN1210, EN1220, EN1230, EN1240 or EN1201

## University Transfer, Arts

### One Language Other than English (LOE) (6 credits)

Language courses may vary from year to year and not all language courses may be offered every year.

- FR0120 and FR0130\*
- FR2110 and FR2120
- FR2210 and FR2240
- GR1200 and GR1300\*\*
- GR1500 (6)
- SP1110 and SP1120
- SP2110 and SP2120
- NT1521 and NT1522\*\*\*

\* FR0120 and FR0130 will transfer for 6 university credits only if credit has not been received for French 30 or equivalent. FR0120 and FR0130 transfer to University of Alberta as FREN100 (6) and may be used to fulfill this requirement if you do not have credit in French 30, or equivalent, and if these are part of 24 transferable credits.

\*\* Transfer credit will be allowed only if you do not present a 30-level German high school course.

\*\*\* For transfer of NT1521 and NT1522 as a language, both courses must be taken, as it transfers as one 6 credit course to the U of A

### Study of Science (6 credits - normally, junior level)

- Biology
- Chemistry
- Computer Science
- Earth Science
- Mathematics
- Physics
- Psychology chosen from PY1040, PY2750, or PY2810
- Statistics
- Zoology

### Breadth and Diversity Group One (6 credits)

- Art, Art History
- Drama
- Music
- Writing, chosen from EN2950 or EN3950

### Breadth and Diversity Group Two (6 credits)

- History
- Philosophy
- English
- Languages (modern)

### Breadth and Diversity Group Three (6 credits)

- Anthropology
- Economics
- Political Science
- Psychology (not PY1040, PY2750, PY2810)
- Sociology
- Women's Studies

## *Additional Information*

### **BACHELOR OF ARTS (B.A.) MAJORS AND MINORS AREAS OF CONCENTRATION**

Students may complete one to two years of Arts, University Transfer in the specific areas of concentration. The maximum curriculum available at GPRC is articulated for each area.

The Bachelor of Arts degree at the University of Alberta requires a minimum of 30 credits to a maximum of 42 credits at the senior level for the major and requires a minimum of 12 credits to a maximum of 42 credits at the senior level for the minor area of concentration. At least 15 senior credits of the major and at least 6 senior credits of the minor must be completed at the University of Alberta, Faculty of Arts.

Honours Bachelor of Arts programs are available at the University of Alberta and admission to these is usually at the second year level. If you are interested in this option, GPRC can offer one year (30 credits) toward the Honours B.A. for some majors. Consult an Academic Advisor for further details.

## University Transfer, Arts

### ANTHROPOLOGY

An exploration of the human experience from many perspectives, including physical characteristics, communication, society, and culture. A major in Anthropology offers a broad, holistic approach to the discipline yet allows specialization in one of the sub-areas: archeology, biological anthropology, social/cultural anthropology, and linguistic anthropology.

#### *Program Curriculum*

##### *First year*

- AN1010
- Junior English (6 credits)
- Language other than English (6 credits)
- Breadth and Diversity Groups and/or Study of Science (15 credits)

##### *Second year*

- AN2070
- 2000-level Anthropology (6 credits), AN2060 highly recommended
- Breadth and Diversity Groups and/or Study of Science (9 credits)
- Art/Science Options (12 credits)

### ART AND DESIGN

Excellent facilities enable you to study visual fundamentals, painting, sculpture, drawing, printmaking, art history and computer technology with exceptionally qualified faculty. This curriculum listing applies only to the Bachelor of Arts at the University of Alberta. Students interested in art and design may also consider the Bachelor of Fine Arts program.

#### *Program Curriculum*

##### *First year*

- AR1010
- AR1020
- AR2410 and AR2430
- AR1360 and AR1370 recommended
- Junior English (6 credits)
- Language other than English (6 credits)

##### *Second year*

- Breadth and Diversity Groups/Study of Science (24 to 27 credits)
- Senior Art History and/or Art and Design studio courses (minimum of 9 to 12 credits)



## University Transfer, Arts

### DRAMA

Students can complete Drama courses at GPRC that will meet their first and second year Drama Major or Drama Minor requirements for BA, BEd, BFA degrees, depending on the university program they transfer to and which courses are offered at GPRC in any given year. The University of Alberta, the U of A - Augustana Faculty, the University of Calgary, and the University of Lethbridge accept all our drama courses for first and second year requirements as core courses and/or option courses. Students are encouraged to consult with an advisor in Student Services at GPRC, the GPRC Drama Instructor, and with the receiving institution to determine the combination of courses that will serve them best.

Drama courses are of benefit to students considering careers in business, education, recreation, social work, politics, nursing, music, theatre, and film.

#### *Program Curriculum*

##### *First year*

- DR1020\*
- DR1490\*
- DR2310
- Junior English (6 credits)
- Language other than English (6 credits)
- Breadth and Diversity Groups/Study of Science (9 credits)

##### *Second Year*

- DR2080
- DR2090
- DR2320
- DR3310
- Breadth and Diversity/ Study of Science/Options (18 credits)

##### *First and Second Year Options Courses:*

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>• DR1200</li> <li>• DR1910</li> <li>• DR2200</li> <li>• DR2340</li> </ul> | <ul style="list-style-type: none"> <li>• DR3210</li> <li>• DR1010</li> <li>• Please see all drama course listings for additional course offerings</li> </ul> |
|--|--|

*\*Drama majors at the University of Alberta register for Drama 103 and 150. Students transferring to the University with DR1020 and DR1490 cannot take Drama 103 or 150 for credit, therefore, will be considered to have satisfied the 103/150 requirements for Drama.*

### ECONOMICS

The study of how people make decisions to spend their incomes and time, and how people interact in a social setting to produce and distribute goods and services.

#### *Admission Requirements*

If you are considering a major in Economics, you must present Mathematics 30-1. Presentation of Mathematics 31 is recommended.

#### *Program Curriculum*

##### *First year*

- EC1010
- EC1020
- MA1130
- ST1510
- Junior English (6 credits)
- Language other than English (6 credits)
- Breadth and Diversity Groups/ Study of Science (6 credits)

##### *Second year*

- EC2810
- Senior Economics option (3 credits)
- Breadth and Diversity Groups/Study of Science (24 credits)
- MA1200 is required for the Honours route

## University Transfer, Arts

### ENGLISH

As a student of English, you will learn critical appreciation of and analytical skills in reading and writing. You will receive an integrated introduction to literary studies and will have the opportunity to compare your own attitudes and assumptions to “the best that has been thought and said” (*Matthew Arnold*).

#### *Program Curriculum*

##### *First year*

- Junior English (6 credits)
- Language other than English (6 credits)
- Breadth and Diversity Groups and/or Study of Science (18 credits)

##### *Second year*

- Senior English (6 credits)
- Breadth and Diversity Groups and/or Study of Science (24 credits)

### FRENCH (ROMANCE LANGUAGES)

There are many reasons you may choose to study the French language; personal satisfaction and growth, increased opportunity for travel, entrance to specific university faculties, or employment opportunities.

#### *Program Curriculum*

##### *First year*

- Junior English (6 credits)
- FR2110 and FR2120, or FR2210 and FR2240
- Breadth and Diversity Groups/ Study of Science (18 credits)

##### *Second year*

- FR2970 and FR2980
- Breadth and Diversity Groups/ Study of Science (24 credits)

If you completed the High School Diploma with a second language other than French, you may take FR0120 and FR0130. If you are native French-speaking or if your competency in French is at an equivalent level (i.e., you have completed French Language Arts 30, French 31, or Français 30, you should register in Français FR2210 and FR2240, rather than French FR2110 and FR2120 to facilitate transfer to the Faculté Saint-Jean, University of Alberta.

### GERMAN

May not be offered each year. Students may begin their post secondary studies of German at GPRC in preparation to transfer and complete this as a major or minor within their Arts degree.

#### *Program Curriculum*

##### *First year*

- Junior English (6 credits)
- GR1200 and GR1300\*, or GR1500 (6)
- Breadth and Diversity Groups and/or Study of Science (18 credits)

*\*Transfer credit will be awarded only if you do not present credit in a 30-level German high school course.*



## University Transfer, Arts

### HISTORY

How do societies grow and function? Why do people hold certain beliefs? Why is there war? Why do human relations take the form they do? Learn more about the great diversity of human life and experience.

#### *Program Curriculum*

##### *First year*

- Junior English (6 credits)
- HI1110 and HI1120
- HI2600 recommended
- HI2610 recommended
- Breadth and Diversity Groups and/or Study of Science (12 credits)

##### *Second year*

- Senior History (6 credits)
- Breadth and Diversity Groups and/or Study of Science and/or options (24 credits)

### MATHEMATICS

Bachelor of Arts students may major or minor in mathematics or may choose an Honours program in Mathematics. Students may also study Mathematics in a Bachelor of Science program.

#### *Admission Requirements*

If you are considering a major in Mathematics, you must present Mathematics 30-1 and Mathematics 31.

#### *Program Curriculum*

##### *First year*

- Junior English (6 credits)
- MA1130
- MA1150
- MA1200
- MA2250 recommended
- Language other than English (6 credits)
- Breadth and Diversity Groups and/or Study of Science and/or Options (6 credits)

##### *Second year*

- MA2140
- MA2150
- Breadth and Diversity Groups and/or Study of Science and/or Options (24 credits)

### MUSIC

GPRC Faculty are well-known provincially and nationally. Graduates of this conservatory are well-represented province-wide in ensembles of “the best”. Students will be involved in several public performances in an academic year. Students interested in music may also consider the Bachelor of Music program.

#### *Program Curriculum*

Refer to the University's calendar for specific details.

## University Transfer, Arts

### PHILOSOPHY

The study of philosophy develops skills of analytic and synthetic reasoning and writing, which have practical values for all careers.

#### *Program Curriculum*

##### *First year*

- Junior English (6 credits)
- PH1200
- PH1010 recommended
- PH1020 recommended
- Language other than English (6 credits)
- Breadth and Diversity Groups and/or Study of Science (9 credits)

##### *Second year*

*Refer to the University's calendar or consult an advisor for second year course selection.*

- Breadth and Diversity Groups and/or Study of Science (24 credits)

### POLITICAL SCIENCE

The study of public policy: learn about power in society and how it is exercised and organized in government institutions as well as in groups and individuals seeking to influence policy.

#### *Admission Requirements*

Social Studies 30-1 is recommended for students pursuing a major in political science.

#### *Program Curriculum*

##### *First year*

- Junior English (6 credits)
- PO1010 and PO1020
- Language other than English (6 credits)
- Breadth and Diversity Groups and/or Study of Science and/or Options (12 credits)

##### *Second year*

- Senior Political Science, numbered 2000 or above (6 credits)
- Breadth and Diversity Groups and/or Study of Science (24 credits)



## University Transfer, Arts

### PSYCHOLOGY

This is the scientific study of behaviour and mental processes. Students will explore the intricate relationship between environment, mind, and human activities.

#### *Admission Requirements*

Students pursuing a psychology major must present Mathematics 30-1 or 30-2 for admission.

#### *Program Curriculum*

##### *First year*

- Junior English (6 credits)
- PY1040
- PY1050
- Language other than English (6 credits)
- Breadth and Diversity Groups and/or Study of Science and/or Options (12 credits)

##### *Second year*

- ST1510 or PY2110
- Psychology options (6 credits), chosen from PY2750, PY2580 or PY2810
- Psychology options (6 credits), chosen from PY2230, PY3390, or PY2410
- One option chosen from Computing Science (CS), Math (MA) or Statistics (ST), not including ST1510
- Breadth and Diversity Groups and/or Study of Science and/or Options (12 credits)

### SOCIOLOGY

The study of group life: its characteristics, changes, causes, and consequences. It combines scientific and humanistic perspectives in the study of urban and rural life, family patterns and relationships, social change, intergroup relations, social class, mass media and communications, health-seeking behaviour, as well as social movements and community responses to disasters - natural and created.

#### *Program Curriculum*

##### *First year*

- Junior English (6 credits)
- SO1000
- Language other than English (6 credits)
- Breadth and Diversity Groups and/or Study of Science and/or Options (15 credits)

##### *Second year*

*Refer to University's calendar or consult with an advisor for second year course selection*

## University Transfer, Arts

**Arts, Pre-Professional Programs****CRIMINOLOGY, PRE-PROFESSIONAL**

Behavioural sciences and humanities combine in this quota program, preparing students to seek entry to the second year of studies. There are additional admission requirements for this program: two letters of reference; a personal resume, noting volunteer and/or work experience in a related field; a written statement of personal career objectives; an interview.

Admission to the program at the University of Alberta is competitive. Students are advised to apply for second year and should take advantage of an admission offer as soon as possible. The minimum requirements to be considered for admission are successful completion of 30 credits in one academic year and a competitive GPA. Students who will not have the admission requirements after completion of the first year or who apply and are not offered admission, may enrol in a second year at GPRC and apply for admission to third year at the University. A second year of study does not guarantee admission; students will still be required to be competitive. Students who are planning on doing a second year at GPRC should consult with an Academic or Faculty Advisor.

***Program Curriculum******First year***

- Junior English (6 credits)
- Language other than English (6 credits)
- PY1040
- PY1050
- SO1000
- Breadth and Diversity Groups and/or Study of Science (15 credits), AN1010 is recommended

***Second year***

- SO2250
- SO3270 (Note: SO2250 is a prerequisite for SO3270)
- Any two, chosen from PY2230, PY2330, PY2810, or PY3390
- Breadth and Diversity Groups and/or Study of Science (18 credits), AN2500 and AN2070 are highly recommended

**JOURNALISM, PRE-PROFESSIONAL**

GPRC can provide students with the course work required to apply for admission to the School of Journalism and Communications at the University of Regina. Students wishing to begin their studies towards this professional program normally request admission to Arts, University Transfer.

The Bachelor of Arts in Journalism and Communications is a four-year degree (120 credits) consisting of two years of pre-journalism done in a Faculty of Arts and then, following application and admission to the School of Journalism and Communications, two more years to complete the program. The last two years of this program are available (west of Ontario) only at the University of Regina. The application deadline is January 31 for the following Fall Semester.

***Program Curriculum***

- English (Literature and Composition)
- Language Other than English
- Fine Arts
- Canadian History
- Canadian Political Science
- Humanities
- Logic or Math
- Social Science (Economics and others)
- Natural Science (involving lab work)

Please consult with an Academic Advisor in Student Services for further details and discussion of course selection.

## University Transfer, Arts

### **LAW (LLB), PRE-PROFESSIONAL**

Admission to a Faculty of Law in Alberta requires a minimum of two years (60 credits) in a program of university studies leading to any recognized degree. In actual practice, very few applicants who do not present with a completed undergraduate degree are admitted to Faculties of Law. The Law School Admissions Test (LSAT) is mandatory for all applicants. For details on the Faculties of Law across Canada, refer to the current LSAT booklet.

Students wishing to begin their studies towards this professional program normally request admission to Arts, University Transfer.

### **SOCIAL WORK, PRE-PROFESSIONAL**

Students wishing to begin their studies towards Bachelor of Social Work normally request admission to University Transfer, Arts for the first two years, 60 credits, of university studies. Admission to University Transfer, Arts, allows students to choose from a broad selection of liberal arts and social science courses.

Upon completion of 60 credits of appropriate course work, students can apply to the University of Calgary to complete this degree program on site at GPRC. The College is a host site for the delivery of the accredited Bachelor of Social Work Degree program through University of Calgary's Faculty of Social Work, Learning Circles.

### ***Admission Requirements***

See Arts, University Transfer, or Social Work, Degree Completion programs in this calendar.



## University Transfer, Commerce/Management

### Commerce/Management

780-539-2900  
1-888-539-4772, ext. 2900  
[business@gprc.ab.ca](mailto:business@gprc.ab.ca)

**University Transfer**  
*Maximum of 4 semesters and 60 credits  
transfer to 4-year degree programs*

**GPRC Grande Prairie**

**Collaborative Degree Completion  
Commerce/Management**  
*Athabasca University*

*\*Please note that sequencing is designed for transfer to the University of Alberta unless otherwise noted.*

A number of options are available for students seeking a degree in business. GPRC can offer students up to two years (60 credits) of course work toward the Bachelor of Commerce degree at the University of Alberta or toward the Bachelor of Management degree at The University of Lethbridge. Students can complete up to one year of course work towards the University of Calgary's Bachelor of Commerce. It is highly suggested to speak with an advisor if you plan to transfer to Calgary. Within these degree programs, students may follow a general program or choose to develop a major (area of concentration). The specific majors available are listed along with the appropriate curriculum for each individual institution.

The Bachelor of Commerce and Bachelor of Management degrees at Alberta institutions are, normally, four-years and 120 credits of appropriate course work. The Universities of Alberta, Calgary and Lethbridge have residency requirements that must be completed in order to graduate. Usually, the last (or senior) 60 credits of the degree taken at the university fulfills this requirement. Students must normally complete all degree requirements within eight years, beginning with the year admission to the program was granted.

Degree granting institutions may not consider grades of D and D+ sufficient to award transfer credit. Institutions that accept grades of D or D+ for transfer courses may specify that those courses will not fulfill prerequisite requirements to senior courses.

#### ***Admission Requirements***

Admission to the University Transfer, Commerce program requires an overall high school average of 60 percent in the following five Alberta Education courses. Refer to the [Classification of Alberta Education Courses](#):

- English 30-1
- Mathematics 30-1
- One of Biology 30, Chemistry 30, Mathematics 31, Physics 30, Science 30
- One from Group A (Language Other than English or Social Studies 30)
- One other 30-level, 5-credit course from Group A, B or C (refer to Admissions Chart)

If students plan to transfer to an institution other than the University of Alberta, the admission criteria may vary. Check with the Associate Registrar, Admissions or an Academic Advisor in Student Services.

#### ***Mature Student Admission***

Applicants who are 21 years of age or older and do not have a high school diploma may still be eligible for admission as a Non-Matriculated Adult (NMA). Admission to the University of Alberta pre-professional year program requires an overall average of 60 percent on the following three courses:

- English 30-1
- Mathematics 30-1
- Group C Science subject

Although admission requirements have been adjusted for mature students, applicants must have the high school prerequisites to the courses that are required or taken as options in the program.

## University Transfer, Commerce/Management

# Commerce, University Transfer

## BACHELOR OF COMMERCE

### University Transfer to University of Alberta

The University of Alberta does not admit students directly into year one of the Bachelor of Commerce. Admission to the Faculty of Business is based on completion of a pre-professional year, with a minimum of 24 credits of course work which must include the English, Economics, Mathematics, and Statistics courses listed in the curriculum for first year.

The following majors are available in the Faculty of Business: Accounting, Business Economics and Law, Business Studies, Decision and Information Systems, Distribution Management, East Asian Studies, Entrepreneurship and Family Enterprise, European Studies, Finance, Human Resource Management, International Business, Latin American Studies, Management Information Systems, Management and Organization, Marketing, Natural Resources, Energy and the Environment, Operations Management, and Retailing and Services. A Cooperative Education option, in all specializations, is available for students who are Canadian citizens or Landed Immigrants. Students can apply for this option on completion of the first two years (60 credits) of their program (application normally being made during year two).

### Program Curriculum

#### First year

- EC1010 and EC1020
- Junior English (6 credits)
- MA1130
- ST1510\*
- Non-Business Electives (12 credits), can be chosen from any areas of interest in the Humanities, Sciences or Social Sciences

#### Second year

- AC3110 and AC3220
- EC2810
- FN3700
- LR3010
- MG3120
- MK3960
- OT3010
- Non-Business Electives (6 credits)

*Note: No more than 21 junior credits (100-level at the University) in non-Business electives may be used for credit toward the degree.*

*\*Students considering applying to both University of Calgary and University of Alberta should consider completing ST1510 in their first semester. ST1510 satisfies the University of Alberta requirements for first year.*

## BACHELOR OF COMMERCE

### University Transfer to University of Calgary

Bachelor of Commerce transfer students must meet the pre-commerce requirements set out by the University of Calgary. The University offers seventeen different concentrations in this degree. Students considering transfer to University of Calgary, Haskayne School of Business, are encouraged to review the list of available concentrations, and information on admission and program requirements, available online at [www.haskayne.ucalgary.ca](http://www.haskayne.ucalgary.ca) or [www.ucalgary.ca/pubs/calendar/](http://www.ucalgary.ca/pubs/calendar/).

Students transferring to the University of Calgary can do a maximum of one year with GPRC. Please consult with an advisor regarding transfer to the University of Calgary prior to registering. Transfer students must complete a minimum of 18 credits by the end of year one winter semester.

#### First year

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>• EC1010 and EC1020**</li> <li>• Junior English (3 credits)**</li> <li>• Junior Humanities (3 credits) - Junior English recommended</li> <li>• MA1130**</li> <li>• Junior Non-Commerce options (3 credits)</li> </ul> | <ul style="list-style-type: none"> <li>• Junior Science (3 credits), excluding Computing, Mathematics and Statistics</li> <li>• Junior Social Science (3 credits)</li> <li>• ST1510* - must be taken in Fall**</li> <li>• MG3120**</li> </ul> |
|--|---|

*\*Students considering applying to both University of Calgary and University of Alberta should consider completing ST1510 in their first semester. ST1510 satisfies the University of Alberta requirements for first year.*

*\*\*Transfer students must complete these 18 credits by the end of year one winter semester.*

## University Transfer, Commerce/Management

### BACHELOR OF MANAGEMENT

#### University Transfer to University of Lethbridge

Admission to the Faculty of Management is normally based on completion of a minimum of one year, 30 credits, of course work which should include the courses specified in the first year curriculum.

The following majors are available in the Bachelor of Management program: Accounting; Computer Science, Economics, Finance, First Nations Governance, General Management, Human Resource Management and Labour Relations, International Management, Information Systems, Marketing and Political Science.

The following is a general curriculum for first and second year. Students are advised to review the University of Lethbridge Calendar and the Alberta Transfer Guide, and to consult with an advisor in Student Services for details and advice about the different majors.

#### First year

- EC1010 and EC1020
- Junior English (6 credits)
- MA1130\*
- ST1510
- Electives (12 credits) chosen to meet the General Liberal Education Requirement \*\*

#### Second year

- AC3110 and AC3220
- BA1090, BA2090 or MK3960
- BA2240
- MG3120\* or ST2520\*
- OT3010
- Electives (12 credits) chosen to meet the General Liberal Education Requirement \*\*

*\*MA1130 and MG3120 or ST2520 are required for most quantitative Majors such as Accounting, Computer Science, Economics, Finance, Information Systems and Marketing. Students who complete these courses can count them toward their Liberal Education (Science) Requirement.*

*\*\*Electives should be chosen to fulfill the General Liberal Education requirements that apply to all students in University of Lethbridge degree programs. Refer to that section of the current University of Lethbridge Calendar. No more than 30 credits in introductory level, 1000-level course work will be granted credit towards a degree at the University of Lethbridge. If you present course work that transfers as 3000-level Management courses, you will receive credit after admission to the Faculty.*





## University Transfer, Commerce/Management

### Commerce/Management, Degree Completion

**\*\*Program is currently under review.**

GPRC offers courses toward Bachelor of Management and Bachelor of Commerce degrees.

Students at GPRC have the opportunity to complete Athabasca University Commerce and Management Degree programs by choosing a combination of appropriate GPRC University Transfer courses and Athabasca University courses online or by distance. Students can complete coursework towards these degrees at GPRC.

Please consult with an Athabasca University Advisor, or refer to the University web site for program plans.

#### ***Progression Criteria***

Grande Prairie Regional College Graduates with a Diploma in Business Administration may receive up to 60 credits toward degree requirements.

#### ***Program Curriculum***

**Bachelor of Commerce - General**  
120 credits

**Bachelor of Commerce - Accounting**  
120 credits

**Bachelor of Commerce - eCommerce**  
120 credits

**Bachelor of Commerce - Financial Services**  
120 credits

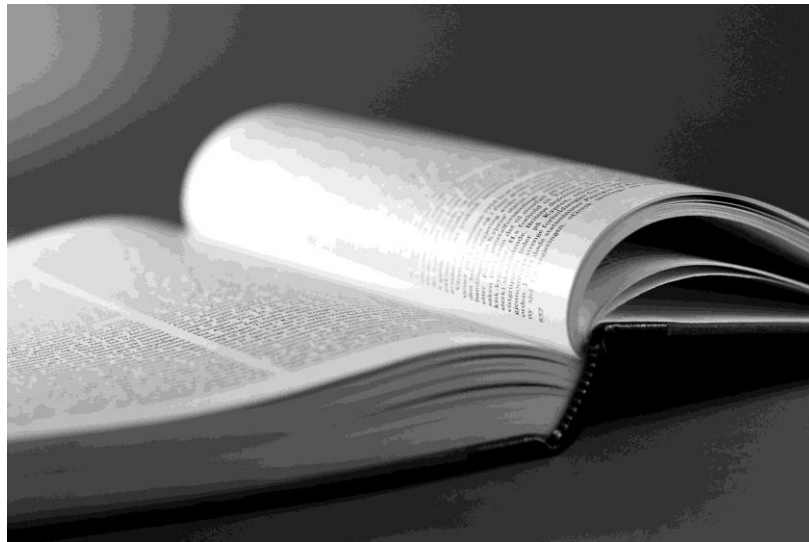
**Bachelor of Management - General**  
90 credits

**Bachelor of Management - General**  
120 credits

**Bachelor of Management - Human Resource Management**  
120 credits

**Bachelor of Management – Indigenous Nations & Organizations**  
120 credits

**Bachelor of Management - Marketing**  
120 credits



## Computing Science

780-539-2096  
1-888-539-4772, ext. 2096  
[computing@gprc.ab.ca](mailto:computing@gprc.ab.ca)

University Transfer  
Maximum of 4 semesters and 60 credits  
transfer to 4-year degree program

GPRC Grande Prairie

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*\*Please note that sequencing is designed for transfer to the University of Alberta unless otherwise noted.*

Computing Science specialists are in demand as computer analysts, programmers, teachers, consultants and researchers. Computing Science programs at the University of Alberta offer a voluntary Industrial Internship Program (IIP) that gives students the opportunity to augment their studies with periods of paid, discipline-related work. The IIP is usually made available in the third year of the program. Interested students must apply to the program first and once admitted, may make application for the IIP.

The Bachelor of Science degree at the University of Alberta is a four-year, 120-credit degree. Students wishing to major in computing sciences should note that the major requires 36 to 48 credits of course work in computing science with no more than eighteen credits at the junior 1000-level.

The minor can be chosen from one of the Science areas, and then requires 24 to 36 credits in courses specified for the area with no more than 12 credits at the junior 1000-level. Students may choose their minor from a subject area in the Faculty of Arts, and must then fulfill that Faculty's requirements for the minor. Consult an Academic or Department Advisor for details.

For Bachelor of Science degree requirements, a minimum of 18 credits must be taken from Faculty of Arts offerings. A maximum of 48 credits from Faculty of Arts offerings may be used for degree credit.

Students can complete one to two years, 30 to 60 credits, of course work in preparation for application to the University. Students may transfer up to a maximum of 60 credits from GPRC.

### ***Admission Requirements***

For admission to the specialization program at the University of Alberta, students must present a minimum 2.3 GPA on 18 credits in each preceding Fall/Winter and a minimum 2.3 GPA on all computing courses successfully completed and eligible for transfer.

To be considered for admission as a transfer applicant, applicants must present a minimum of 24 transferable credits.

Admission to the University Transfer program in Computing Science requires a minimum overall average of 60 percent in the following five Alberta Education courses. For course groups, refer to the [Classification of Alberta Education Courses](#).

- English 30-1
- Mathematics 30-1
- One from Group A, B, or C
- Two from Group C

It is essential that students check and plan to ensure completion of the appropriate prerequisites for the courses required in the program.

## University Transfer, Computing Science

### ***Mature Student Admission***

If you are 21 years of age or older and do not have a high school diploma, you may still be eligible for admission as a Non-Matriculated Adult.

Admission to University of Alberta Bachelor of Science requires an overall average of 60 percent on the following three courses or their equivalents: Mathematics 30-1, two of Biology 30, Chemistry 30, Mathematics 31, Physics 30. Although you may be admitted without a high school diploma, you must present the specific grade 12 subjects identified as prerequisites to the courses you are required or wish to take in your program.

## **Computing Science, University Transfer**

### ***Program Curriculum***

Recommended curriculum for University of Alberta Specialization in Computing Science (Software Practice)

#### ***First year***

- CS1140 and CS1150
- CS2720
- Junior English (6 credits)
- MA1130
- MA1150
- Science Options (9 credits), excluding Mathematics, Statistics and Computing Science

#### ***Second year***

- CS2010
- CS2040
- CS2290
- CS2910
- MA1200
- ST1510 and ST2520
- Options (9 credits),\* CS3290 recommended

*\*Options consist of Science options, Arts options, and other approved options. The options must satisfy at least 21 credits from Science and at least 12 credits from Arts.*

*\*Higher level computing courses may require specific computing, MATH or STAT courses as prerequisites. Therefore, prerequisites for higher level computing courses must be considered when choosing options.*

Students should refer to the University of Alberta program planners: [www.cs.ualberta.ca/prospective-students/undergraduate-studies/specialization](http://www.cs.ualberta.ca/prospective-students/undergraduate-studies/specialization).

Students are encouraged to meet with a Bachelor of Science Advisor or an Academic Advisor in Student Services when choosing courses.

## Computing and Information Systems

780-539-2096  
1-888-539-4772, ext. 2096  
[computing@gprc.ab.ca](mailto:computing@gprc.ab.ca)

Collaborative Degree Completion  
Athabasca University, 4 years

GPRC Grande Prairie

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**\*\*Program is currently under review.**

Collaboration between Grande Prairie Regional College and Athabasca University gives students a unique opportunity to complete a majority of this Athabasca University degree on site at GPRC. Designed for students who wish to be applications oriented, the focus of this degree program is the use of computers in business, education and other application areas for processing, utilization, and management of information. The emphasis is applied and practical applications and concepts. The BSc CIS is a fully accredited four-year degree. Graduates will receive their Baccalaureate from Athabasca University.

### ***Progression Criteria***

Grande Prairie Regional College graduates with a Diploma in Computer Systems Technology may be able to transfer all of their courses towards this degree.

## Computing and Information Systems, Degree Completion

### ***Program Curriculum***

For current program and course information, please contact:

The School for Computing and Information Systems  
Student Support and Program Advisor  
[scis\\_advising@athabascau.ca](mailto:scis_advising@athabascau.ca)

### ***Graduation Requirements***

Athabasca University  
[www.athabascau.ca](http://www.athabascau.ca)

Athabasca University governs the degree requirements and evaluates students' eligibility to graduate. Students must consult with Athabasca University to ensure they are meeting the University's graduation requirements for this degree.

## University Transfer, Education

### Education

780-539-2995  
1-888-539-4772, ext. 2995  
[education@gprc.ab.ca](mailto:education@gprc.ab.ca)

**University Transfer**  
*Maximum of 4 semesters and 60 credits  
transfer to 4-year degree program*

**GPRC Grande Prairie**

- Elementary Route
- Secondary Route

**University Transfer Combined Degrees**  
*2 semesters and 30 credits may be  
completed at GPRC toward a 5-year  
combined degree program*

**Collaborative Degree Completion**  
**Teacher Education North (TEN)**  
*University of Alberta, 4 years*

*\*Please note that sequencing is designed for transfer to the University of Alberta unless otherwise noted.*

Grande Prairie Regional College offers transfer programs to the University of Alberta or University of Lethbridge. A maximum of two years (60 credits) will prepare students to apply to second or third year of the Bachelor of Education degree program at the University of Alberta. A maximum of one year (30 credits) can be applied to the Combined Bachelor of Education Degrees programs at the University of Lethbridge.

When students have completed the Bachelor of Education degree or combined degree program, they will be eligible to apply to the Teachers' Certification Branch, Alberta Education for their teaching certificate.

Selection and completion of the appropriate courses for the program and a competitive grade point average (GPA) are required for successful transfer to the Bachelor of Education program of your choice. For further information on current required GPA, please consult with an Academic Advisor in Student Services.

#### **For Transfer to University of Alberta**

The University of Alberta Bachelor of Education program requires students to select either the Elementary Route (Kindergarten to Grade 6) or the Secondary Route (Grade 7 to Grade 12). Students who choose the Elementary Route, have the option of completing the University of Alberta Bachelor of Education degree on site at GPRC. See the program listing for Teacher Education North (TEN), Collaborative Degree Completion, University of Alberta.

#### ***Admission Requirements***

Admission to this university transfer program requires an overall high school average of 60 percent in the following five Alberta Education courses. Refer to the [Classification of Alberta Education Courses](#):

- English 30-1
- Mathematics 30-1 or 30-2 (elementary route) or Group A or C (secondary route)
- Two courses from Group A or C
- One course from Group A, B, or C

While not an admission requirement for the program, students may be required to present a Criminal Record Check to those practicum agencies and field placements that require one of individuals working in their organizations.

Students planning to transfer to an institution other than the University of Alberta, will want to confirm the admission criteria for that institution. Check with the Associate Registrar, Admissions or an Academic Advisor in Student Services. Students planning to specialize in a particular subject area, need to present Grade 12 prerequisites basic to that subject area.

## University Transfer, Education

### ***Mature Student Admission***

Students who are 21 years of age or older and do not have a high school diploma, may still be eligible for admission as a Non-Matriculated Adult (NMA). Admission to the University of Alberta pre-professional year requires an overall average of 60 percent on the following two Alberta Education courses:

- English 30-1
- One other 30-level subject from Group A or C

Regardless of admission requirements, students must have the high school prerequisites to the courses they are required or wish to take in their program.

### ***Additional Information***

#### **Education Students Association, ESA**

Students who are enrolled in studies at GPRC with the goal of becoming members of the teaching profession should consider membership in the ESA. The objectives of this student group are intended to foster a professional attitude, establish contacts with the educational community, and further the objectives of the Alberta Teachers Association and members in developing career goals. In addition, the ESA arranges social events for its members to foster a sense of fellowship.

Executive members of ESA may be eligible for co-curricular recognition.



## University Transfer, Education

### Education, University Transfer

#### EDUCATION-ELEMENTARY ROUTE, UNIVERSITY TRANSFER

The Elementary Route at the University of Alberta is a Generalist Major which requires students to take a variety of components from outside Education as part of the first 60 credits.

#### *Program Curriculum*

- ED2510 (3 credits)
- CS2020 (3 credits)
- EP3020 (3 credits)

#### *Non-Education Courses:*

- Language or Literature (6 credits), chosen from Junior English courses (1000-level)
- Language and Literature (3 credits), chosen from Senior English courses (2000-level or higher)
- Mathematics (6 credits), chosen from Math, Statistics, or Computing Science (MA1600 and MA2600 recommended)
- Social Sciences (3 credits), chosen from HI2600, HI2610, HI3680 or HI3690
- Social Science (3 credits), chosen from approved courses in Economics, Anthropology, Sociology, History, Philosophy or Political Science
- Natural Sciences (6 credits), chosen from approved science courses in Biology, Chemistry, Physics, Earth Science, NS1050, NS1500, PE2420, PALE200, PH2650, PE1000, PE1015,
- Fine Arts (6 credits), chosen from Art, Art History, Dance, Drama, or Music
- Physical Education (3 credits), chosen from approved PA or PE courses (PE2930 recommended)
- Health Education (3 credits), chosen from PE1100, PE 2200 or SO2710
- Aboriginal and Indigenous Histories and Cultures (3 credits), chosen from SO1000, AN2070, AN2500, AN2550, AN2910, HI3680, HI3690, NT1521/1522 (as NT1521 is 6 credits, the other 3 credits would be used as a Non-Education option), NT2030 or NT2300
- Non-Education Options (9 credits)

No minors exist in the Education-Elementary, University Transfer Program.

#### *Additional Information*

GPRC, in collaboration with the University of Alberta, offers students an opportunity to complete their degree locally. Through the Teacher Education North (TEN) initiative, students who successfully complete the first two years (60 credits) of required study may apply to the University to complete year three and four of Bachelor of Education Elementary Degree at GPRC. For more information, refer to the Education, Degree Completion program listing.

#### *University Transfer*

Students may make application to transfer to the University of Alberta either into year two with 24 to 30 credits or more of appropriate course work or into year three with 60 credits and all required course work

## University Transfer, Education

### EDUCATION-SECONDARY ROUTE, UNIVERSITY TRANSFER

The Secondary Route at the University of Alberta requires students to develop a major and minor area of specialization. Admission to the University of Alberta into this route is based on the declared Major, as well as the student's overall course work. Students are eligible to apply to the Faculty of Education for second year admission with 24 to 30 transfer credits or for third year admission with 60 transfer credits.

For the first two years (60 credits) of the program, it is recommended that students complete a minimum of 18 credits in their major and 9 to 15 credits of their minor, where possible. For a list of majors and minors available and the courses required, there is a Bachelor of Education Secondary Program Worksheet available to students through the Academic Advisors in Student Services.

#### *Program Curriculum*

##### *First and second year*

- CS2020 or equivalent
- EP3040
- ED2510
- Junior English (6 credits)
- Major (minimum of 18 credits)
- Minor (9 to 15 credits)

It is strongly recommended that English and ED2510 be taken in first year.

##### *Majors and Minors:*

- Art
- Biological Sciences
- Business and Technology
- Career and Technology Studies
- Drama
- English Language Arts
- English as a Second Language (Minor only)
- General Sciences
- Instructional Technology (Minor only)
- Mathematics
- Music (the Minor in Music: Choral)
- Native Education (Minor only)
- Physical Education
- Physical Sciences
- Religious and Moral Education (Minor only)
- Second Languages
- Social Studies
- Special Education (Minor only)

Consult with an Academic Advisor regarding major and minor selection.



## University Transfer, Education

### Education, University Transfer Combined Degrees

#### Transfer to University of Alberta

The University of Alberta offers a number of combined degree programs. GPRC may offer one year to two years of full-time study, depending on your major, toward these Combined Degrees programs.

Students interested in preparing for these combined degrees will normally apply for admission to GPRC University Transfer programs as follows:

#### **Bachelor of Arts (Native Studies) / Bachelor of Education**

Apply to Arts, University Transfer and refer to this program section for details.

#### **Bachelor of Music / Bachelor of Education**

Apply to Music, University Transfer and refer to this program section for details.

#### **Bachelor of Kinesiology / Bachelor of Education (Elementary and Secondary)**

Apply to Kinesiology, University Transfer and refer to this program section for details.

#### **Bachelor of Science (Specialization in Science and Education / Bachelor of Education (Secondary))**

Apply to Science, University Transfer and refer to this program section for details.

The University of Alberta determines the admission requirements to these combined degrees. The University also governs the degree requirements and evaluates students' eligibility to graduate. Students must consult with the University of Alberta to ensure their course selection meets the University's requirements for admission, transfer and graduation.

#### Transfer to University of Calgary

The University of Calgary offers the Bachelor of Education as an After Degree program (BEd/AD) called Master of Teaching. Admission to the program requires a completed Bachelor degree (e.g. Bachelor of Arts, Bachelor of Commerce, Bachelor of General Studies, Bachelor of Physical Education, or Bachelor of Science).

#### Transfer to University of Lethbridge

The University of Lethbridge offers the Bachelor of Education only in combination with another degree. The possible combinations are:

- **Bachelor of Arts / Bachelor of Education**
- **Bachelor of Fine Arts / Bachelor of Education**
- **Bachelor of Management / Bachelor of Education**
- **Bachelor of Music / Bachelor of Education**
- **Bachelor of Science / Bachelor of Education**

These Combined Degree programs are minimum five years, 150 credits. Some combinations/majors require more than 150 credits. GPRC offers one year (30 credits) toward these Combined Degree programs and may offer additional transferable course work depending upon your major. The University of Lethbridge Combined Degree programs do not have specific routes such as Elementary and Secondary. The specialty or major students develop is in the degree chosen to combine with the Bachelor of Education.

The University of Lethbridge determines the admission requirements to these combined degrees programs. The University also governs the degree requirements and evaluates students' eligibility to graduate. Students must consult with the University of Lethbridge to ensure their course selection meets the University's requirements for admission, transfer and graduation.

For admission to the Faculty of Education, satisfactory completion of the Alberta Universities Writing Competency Test is required. There are certain conditions upon which you may be exempt from writing this competency test. For information on exemptions, refer to the current edition of the University of Lethbridge calendar.

For assistance in course selection and program articulation, students should arrange to see an Academic Advisor in Student Services.

## University Transfer, Education

### Education, Degree Completion

#### TEACHER EDUCATION NORTH (TEN), COLLABORATIVE DEGREE PROGRAM

Teacher Education North offers the third and fourth year of the University of Alberta, Bachelor of Education Elementary Degree in collaboration with GPRC. The program is designed to prepare teachers to teach elementary school students. Teaching in northern rural schools and working with Indigenous students are the two themes integrated throughout the program and coursework.

#### *Admission Requirements*

##### *Transfer Students*

Successful completion of the first two years and 60 credits of course work transferable and applicable to a Bachelor of Education, Elementary, University of Alberta. A competitive GPA equivalent to a "C" or 65 percent is required but does not guarantee admission.

or

##### *Approved Undergraduate Degree*

Degree holders must present a minimum of nine credits selected from at least three of the six teaching areas. In addition, students must present six credits in English Language or Literature and three credits in Computing Science.

#### **Application Process**

Apply directly to the University of Alberta for admission to year three of the Teacher Education North University of Alberta, Bachelor of Education program. Students can apply on line (click on Admissions) at [www.registrar.ualberta.ca](http://www.registrar.ualberta.ca).

Application forms can also be obtained by contacting:

#### **Undergraduate Student Services**

##### **University of Alberta**

1-107 Education Centre North  
Edmonton, Alberta T6G 2G5  
Phone 780-492-3659  
Fax 780-492-7533

**Deadline for Application to the University of Alberta is March 1.  
Document deadline is June 15.**

Students who are presently attending college or university must provide the University of Alberta with two copies of their official transcripts with grades to-date and a listing of their current term courses.

Students who have completed a degree or are not currently attending elsewhere must provide the University of Alberta with two copies of the official and complete transcripts of their post-secondary studies.

On the application, students should clearly indicate that they want to be considered for the Collaborative Program at GPRC but they are advised to indicate that they want also to be considered for the University of Alberta program in Edmonton.

## University Transfer, Education

### ***Program Curriculum***

#### ***First and second year\****

- EP3020 (3 credits)
- ED2510 (3 credits)
- CS2020 (3 credits)

#### ***\*Non-Education Required Elements:***

- Language or Literature (6 credits), chosen from English courses at the 1000-level
- Language and Literature (3 credits), chosen from a Senior English (2000 level or higher)
- Mathematics (6 credits), chosen from Math or Statistics (MA1600 recommended)
- Social Science (3 credits), chosen from HI2600, HI2610, HI3680 or HI3690
- Social Science (3 credits), chosen from approved Anthropology, Economics, History, Political Science, Philosophy, or Sociology
- Natural Science (6 credits), chosen from Biology, Chemistry, Earth and Atmospheric Sciences, Physics, PE2420 or PH2650
- Aboriginal and Indigenous Histories and Culture (3 credits) chosen from SO1000, AN2070, AN2500 , AN2550, HI3680 or HI3690
- Fine Arts (6 credits), chosen from Art, Art History, Dance, Drama, or Music
- Physical Education (3 credits), any approved PA or PE course (PE2930 recommended)
- Health Education (3 credits), PE1100, PE2200 or SO2710
- Non-Education Options (9 credits)

Students without background in music are encouraged to take a music course prior to entry. While not required, the knowledge and skills gained may make the Curriculum and Instruction in Elementary School Music more accessible.

Students are encouraged to take courses in their first two years that promote background related to the main themes of the program: teaching in northern rural schools and working with Indigenous children.

## University Transfer, Education

### *Third and fourth year*

Students are expected to attend as full-time students in year three and four. Third year students will complete courses in the Fall Introductory Professional Term and the Winter Term. Students in fourth year will complete courses in the Fall Term and field experience in the Advanced Professional Term.

The University of Alberta, Faculty of Education Teacher Education North Program, determines annually the specific University courses available at Grande Prairie Regional College for third and fourth year. Check the University website for more information. (See also tuition and fees for GPRC)



## University Transfer, Engineering

### Engineering

780-539-2096  
1-888-539-4772, ext. 2096  
[science@gprc.ab.ca](mailto:science@gprc.ab.ca)

**University Transfer**  
*Maximum 2 semesters and 40 credits  
transfer to 4-year degree program*  
*University of Alberta*

**GPRC Grande Prairie**

- Chemical
- Civil
- Computer
- Electrical
- Engineering Physics
- Materials
- Mechanical
- Mining
- Petroleum

*University of Calgary*

- Chemical
- Civil
- Electrical
- Geomatics
- Mechanical
- Oil & Gas
- Software

*\*Please note that sequencing is designed for transfer to the University of Alberta unless otherwise noted.*

Students can complete one year of course work which prepares them for application for admission to year two Bachelor of Science in Engineering. With a concentration in Engineering, students will find careers in aerospace, agricultural, chemical, civil, computer, electrical, environmental, geological, industrial, materials, mechanical, metallurgical, mining, municipal, nuclear, or petroleum engineering, or engineering physics.

Students wishing to begin their science program at GPRC with plans to transfer to an institution other than the University of Alberta are encouraged to consult with an Academic Advisor who can assist them with the interpretation of university requirements.

### ***Admission Requirements***

Admission to University Transfer in Engineering requires a minimum overall average of 60 percent in the following five Alberta Education courses or equivalents. For course groups, refer to the [Classification of Alberta Education Courses](#).

- English 30-1
- Chemistry 30
- Mathematics 30-1
- Mathematics 31
- Physics 30

To help with GPRC Engineering Students' success, Engineering Student applicants with a High School average of 70 percent or higher will be admitted in the order they were received. Any applicant with a High School average of less than 70 percent will be put on a waitlist until August 1st and then those with the highest GPA will be accepted if space is available. Applicants with a High School average of less than 65 percent must speak to an Engineering Advisor before their application can be approved.

## University Transfer, Engineering

### ***Mature Student Admission***

If you are 21 years of age or older and do not have a high school diploma, you may still be eligible for admission as a Non-Matriculated Adult if you have an overall average of 60 percent in:

- Chemistry 30
- Mathematics 30-1
- Mathematics 31
- Physics 30

Mature students must present the grade 12 subjects specified as prerequisites to the courses required or chosen to complete program requirements.

## **Engineering, University Transfer**

### ***Program Curriculum***

#### ***First year***

- CH1030 (4.3) and CH1050 (3.8)
- EG1050 (3.8)
- EG1000 (1) and EG1010 (1)
- EG1300 (4)
- MA1000 (4) and MA1010 (3.5)
- MA1020 (3.5)
- PC1300 (3.8) and PC1310 (4.3)
- Complementary Studies Option (3 credits), EN1201 recommended; EG2650 fulfills a technical option requirement for Civil and Mechanical Engineering only.

### ***University Transfer***

This program transfers to the Faculty of Engineering at the University of Alberta. Students are encouraged to refer to Faculty information in the University's calendar for further specifics.

Students planning to transfer to the University of Calgary, please speak with an Academic Advisor prior to registration.

## University Transfer, Fine Arts

### Fine Arts

780-539-2909  
1-888-539-4772, ext. 2909  
[finearts@gprc.ab.ca](mailto:finearts@gprc.ab.ca)

**University Transfer**  
*Maximum of 4 semesters and 60 credits  
transfer to 4-year degree programs  
(Note that transfer is always based upon a  
portfolio submission)*

**GPRC Grande Prairie**

**Drama Courses**

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*\*Please note that sequencing is designed for transfer to the University of Alberta unless otherwise noted.*

The Fine Arts Department at Grande Prairie Regional College is a great place to start a career in the visual arts. The Visual Arts and Design program and the Fine Arts, University Transfer program, offer a fine balance of hands-on studios and lecture-based courses. The curriculum is designed to prepare students for advanced studies at a university or an art institute. Our alumni go on to success in a wide variety of careers and art related professions including:

- Art Directors
- Craft artists (jeweler, potter, textiles...)
- Fine Artists (painters, sculptures, illustrators...)
- Graphic Designers, Commercial and Industrial designers
- Multi-media artists and animators
- Related Cultural Industries (Art Galleries, Museums, curators, Art Historian, Art Education, Art Management...)

Students who wish to pursue a Bachelor of Fine Arts will want to consider enrolling in the Fine Arts, University Transfer program. Based upon completed studies at GPRC, students will receive up to 60 credits of transfer toward their degree (120 credits).

#### ***Admission Requirements***

To be considered for admission to the Fine Arts, University Transfer program, students will require passing grades and an overall average of 60 percent in the following Alberta Education courses. For course groups, refer to the Classification of Alberta Education Courses.

- English 30-1, minimum 60 percent
- Two from Group A or C
- Two from Group A, B, or C

Students applying for the Fine Arts, University Transfer program need to be aware that their admission to a university for degree completion will be subject to the admission and portfolio requirements of the institution to which they plan to transfer.

#### ***Mature Student Admission***

Students 21 years or older who are seeking admission to the Fine Arts, University Transfer program and do not meet the requirements for admission are encouraged to consult with the Associate Registrar, Admissions.

## University Transfer, Fine Arts

### Fine Arts, University Transfer

#### *Program Curriculum*

##### *First year*

- AR1010
- AR1020
- AR1360
- AR1370
- AR2410
- AR2430
- Junior English (6 credits)
- DD1380
- Approved Option (3 credits)\*, normally chosen from 1000-level Studio Option or UT Option

##### *Second year*

- AR3410
- AR3430
- Senior 2000-Level Art History (6 credits)
- Senior 3000-Level Studio Options (12 credits)\*\*
- Options (6 credits)\*

AR3705, Portfolio Development, is highly recommended but is not a university transferable course. Admission to most Art programs and institutions is normally dependent upon the evaluation of an applicant's portfolio. Students may choose to enrol in this course in order to develop their portfolio skills.

*\*Students should consult with an advisor to select an option that meets the requirements of their educational goal. Bachelor of Fine Arts students must take a university transferable (UT) option.*

*\*\*Students are advised to choose options that meet the requirements of the degree granting institution to which they plan to transfer. Advisors in Fine Arts will assist students with the selection of appropriate options. Students pursuing Art studies at the Alberta College of Art and Design require 18 credits in studio courses in addition to the drawing studios.*

#### **University Transfer**

Acceptance into any program once studies at GPRC are completed is normally portfolio based, the depth of the student's studio experience and their academic standing. Option courses vary from institution to institution and are often evaluated on a case-by-case basis. Early contact with the school students are applying to is encouraged and close consultation with a GPRC Fine Arts Advisor is advisable. All post-secondary Art Programs are slightly different. GPRC Visual Art Diplomas provides a flexible studio experience and a portfolio, but credit is often given on a case-by-case basis. Students may have to pick up options or extra studios depending on where they apply. Most receiving institutions will transfer a maximum of 60 credits from GPRC.

#### **University of Alberta**

Transfer admission to the University of Alberta, Bachelor of Fine Arts in Art and Design or Bachelor of Design, is based on portfolio and is considered on a case by case assessment. Students should consult with an advisor prior to registering for transfer to the University of Alberta. Students are advised to take 9 credits of non-art options.

#### **University of Calgary**

Transfer admission to the University of Calgary, Bachelor of Fine Arts, is portfolio based. Students may wish to take up to 12 credits of non-art options.

#### **University of Lethbridge**

Transfer to University of Lethbridge is portfolio based. Students with a Visual Arts and Design diploma may apply for admission to the Post-Diploma BFA (Art), Pre/Post-Diploma BFA (Art)/BEd or Post-Diploma BFA (Multidisciplinary).

#### **Alberta College of Art and Design**

Transfer admission to Alberta College of Art and Design is based on portfolio. Students are advised to focus on studio rather than non-art options. Many students have also transferred successfully to other major Art Schools in Canada such as Ontario College of Art and Design, Emily Carr, Nova Scotia College of Art and Design, Vancouver Film School and Ryerson Polytechnic.



## University Transfer, Fine Arts

### Drama

Our Drama University Transfer courses are designed to prepare students for entrance into the second or third year of a four year program at the University of Alberta, University of Calgary or University of Lethbridge. Each university offers different Bachelor programs that accept Drama Major, Minor and Options courses from GPRC. Each university differs somewhat as to the Drama Courses which are counted for Drama major credit and which are Options courses. Students are encouraged to consult with an advisor in Student Services at GPRC and with the receiving institution to determine the combination of courses that will serve them best. For information on the BA Drama Major, please refer to the Arts and Education Section: Bachelor of Arts (BA) Majors and Minors, Areas of Concentration.

#### *Additional Information*

##### **Drama courses\* available at GPRC:**

- DR1010 Introduction to Theatre Art
- DR1020 Play Analysis
- DR1200 Performance I
- DR1201 Production I
- DR1490 Introduction to the Dramatic Process
- DR1910 Introduction to Stagecraft
- DR1920 Topics in Stagecraft - Lighting and Sound
- DR1930 Topics in Stagecraft - Set Construction
- DR2080 Western Theatre History I
- DR2090 Western Theatre History II
- DR2200 Performance II
- DR2201 Production II
- DR2210 Portfolio in Dramatic Arts
- DR2230 Independent Performance Project
- DR2231 Independent Technical Project
- DR2234 Independent Performance Project, Extended (6)
- DR2235 Theatre Technical Practicum
- DR2236 Independent Technical Project Extended (6)
- DR2310 Scene Study I
- DR2320 Topics in Acting I - Voice
- DR2340 Topics in Acting II - Movement
- DR2910 Topics in Stagecraft: Properties, Construction and Management
- DR2912 Topics in Theatre Craft
- DR2920 Topics in Advanced Stagecraft I
- DR2930 Topics in Advanced Stagecraft II
- DR2950 Stage Management
- DR3210 The Creative Process of Drama
- DR3310 Scene Study II

*\*Please note that not all Drama courses may be available every year.*



# University Transfer, Kinesiology

## Kinesiology

780-539-2063  
1-888-539-4772, ext. 2063  
[peak@gprc.ab.ca](mailto:peak@gprc.ab.ca)

**University Transfer**  
*Maximum of 4 semesters and 60 credits  
transfer to 4-year program*

**GPRC Grande Prairie**

**University Transfer Combined Degrees**  
*Maximum of 4 semesters and 66 credits  
transfer to 5-year degree programs*

- Bachelor of Kinesiology/Bachelor of Education
  - Elementary Route
  - Secondary Route

*\*Please note that sequencing is designed for transfer to the University of Alberta unless otherwise noted.*

Completion of Kinesiology programs makes graduates eligible for careers as educators, or as administrators in fitness centres, leisure centres, senior citizen/retirement complexes, colleges and universities, the private and business sector and provincial, national and international sport associations and events. Graduates will also be eligible for careers in athletic therapy, personal fitness training, recreational therapy, fitness consulting, and coaching. Students will have the option to also choose to complete physical education as a major or minor within a Bachelor of Education program. For details on Bachelor of Education refer to that section of this calendar and consult with an Academic Advisor.

Students wanting to pursue any of these Kinesiology programs apply to GPRC for Kinesiology, University Transfer. On your application, identify one of these physical education programs and your application will be considered in accordance with the specifics of your program of choice to ensure you meet the University requirements when you transfer your studies.

### ***Admission Requirements***

The Kinesiology, University Transfer program requires an overall average of 60 percent in the following Alberta Education high school courses or equivalents. For course groups, refer to the [Classification of Alberta Education Courses](#).

- English 30, minimum 60 percent
- Two subjects from Group A or C
- One subject from Group C
- One subject from Group B, C, or Physical Education 30

Only one language other than English will be accepted

### ***Mature Student Admission***

Students who are 21 years of age or older, by the first day of classes of the term in which admission is sought and do not have a high school diploma, may still be eligible for admission as a Non-Matriculated Adult (NMA). Admission to the Bachelor of Kinesiology program requires an overall average of 60 percent on the following Alberta Education high school courses or equivalents:

- English 30, minimum 60 percent and
- One other 30-level subject from Group A or C (Biology 30 recommended)

Regardless of admission requirements, applicants must present the high school prerequisites to the courses required of the program and for courses they wish to complete as options in the program.

## University Transfer, Kinesiology

### Kinesiology, University Transfer

#### *Program Curriculum*

The curriculum requirements are outlined in the recommended sequence. If students register in courses out of sequence, they will need to carefully ensure that they present the required prerequisites and co-requisites.

#### *First year*

- DA1000
- PE1090
- PE1000
- PE1015
- PE1030
- PE1040
- PE1050
- PE2200
- PY1040
- Physical Activity (PA) Option (3 credits)

#### *Second year*

- Junior English (6 credits)
- PE2000
- PE2030
- PE2040
- PE2060
- PE2070
- PE2400
- PE3070
- Physical Activity (PA) Option or Open Option (3 credits)

Consult with an Academic Advisor if you plan to transfer after First Year of this program.

#### *University Transfer*

##### **Transfer to University of Alberta**

The GPRC University Transfer program is designed to transfer to the Bachelor of Kinesiology (BKin) degree specifically. In order to qualify for admission to the BKin degree program, an applicant must obtain an admission grade point average (AGPA) of at least 2.5 on the most recent year (24 credits minimum). Applicants must also possess all High School admission requirements or equivalent.

Students who transfer with less than 24 transfer credits will be considered High School Applicants to the University and will require an overall average of 70 percent in the high school courses required for admission.

Students may complete up to two years (60 credits) of appropriate course work for admission to year three of the Bachelor of Kinesiology program at the University of Alberta. Students may apply for admission for year two with 30 credits or more, or for year three if they have completed 60 credits. The University of Alberta Residence Requirement allows for a maximum of 60 credits transferable from other institutions.

The Bachelor of Kinesiology at the University of Alberta consists of 120 credits and has both a professional and discipline focus. Five areas of concentration provide specializations in professional areas of physical education, sport, health and well-being. Students normally select their area of concentration at the end of the second year of the program. The areas of concentration are: Adapted Physical Activity; Sport Coaching; Physical Activity and Health; Sport Performance; and Individualized Major.

Transfers to other universities with this program are possible. Consult with an Academic Advisor for details on programs and requirements at other institutions.

## University Transfer, Kinesiology

# Kinesiology, University Transfer Combined Degree

## BACHELOR OF KINESIOLOGY/

## BACHELOR OF EDUCATION, COMBINED DEGREE

The Combined Bachelor of Kinesiology and Bachelor of Education Degree Program (BKin/BEEd) is designed for students who want to pursue a career as a physical education teacher. Students in the BKin/BEEd Combined Degree take a program of 159 credits over five years. During this five-year program, Kinesiology courses and Education courses are studied concurrently. Students who successfully complete this program are awarded both the Bachelor of Kinesiology Degree, and the Bachelor of Education Degree. Students apply for admission to Bachelor of Kinesiology and are registered in that program for the first three years. GPRC can offer students up to two years of appropriate course work for admission to year three at the University of Alberta. Students starting this program at GPRC may apply for admission to the University for year two, after completing 33 credits, or for year three, after completing 66 credits.

Students intending to pursue this combined degree are advised to declare this intent in the first year as the course selection and sequence must be carefully planned. When students register, they will need to indicate whether they are preparing for the Elementary or Secondary Route of the BKin/BEEd program as the courses taken in each program are slightly different. The sequencing of courses does not allow for much flexibility throughout the five years. Consult the current University of Alberta Calendar and contact the Chairperson of PEAK Department or an Academic Advisor for assistance with registering in courses for this program.

### *Admission Requirements*

Our transfer program requires an overall average of 60 percent in the following Alberta Education high school courses or equivalents. For course groups, refer to the [Classification of Alberta Education Courses](#).

- English 30-1, minimum 60 percent
- Two subjects from Group A or C
- One subject from Group C
- One subject from Group B, C, or Physical Education 30

Only one language other than English will be accepted

### *Program Curriculum*

#### COMBINED BKIN/BED, ELEMENTARY ROUTE

Consult with an Academic Advisor if you plan to transfer after First Year of this program.

##### *First year*

- ED2510
- Junior English (6 credits)
- PE1000
- PE1015
- PE1040
- PE1050
- PE2200
- PE2930
- Non-Education Element Course (3 credits) One chosen from SO1000, AN2070, AN2550, AN2500, NT1521, NT030, NT2300
- Physical Activity (PA) Option (3 credits)

##### *Second year*

- CS2020
- Mathematics (MA) Option (3 credits), MA1600 recommended
- PE2000
- PE2030
- PE2040
- PE2060
- PE2070
- PE2450
- One of PE3070, PE2400 or PE3030
- Physical Activity (PA) (3 credits)
- Open Option or PA Option (3 credits)

## University Transfer, Kinesiology

### COMBINED BKIN/BED, SECONDARY ROUTE

#### *First year*

- ED2510
- Junior English (6 credits)
- Physical Activity Option (3 credits) DA1000 recommended
- PE1000
- PE1015
- PE1050
- PE2200
- PE2940
- Minor Subjects (6 credits)\*

#### *Second year*

- PE1040
- PE2000
- PE2030
- PE2040
- PE2060
- PE2070
- PE2450
- Choose one of PE2400, CS2020, PE3030, PE3070
- Physical Activity (PA) Options (3 credits)
- Minor Subject\* (6 credits)

*\*Refer to the University of Alberta Calendar Faculty of Education section Chart 3 for list of minor choices and required courses. Consult with an Academic Advisor if you plan to transfer after First Year of this program.*

### *University Transfer*

#### **Transfer to the University of Alberta**

The combined degree is a competitive quota program at the University. Students wishing to apply to the BKin/BEEd degree must present an admission grade point average (AGPA) of 2.0 on the most recent, minimum 24 credits. Possession of this minimum GPA does not guarantee admission to the program. The current competitive average is 3.2. Averages are competitive, so they may change through the admission cycle. Contact the Faculty of Physical Education and Recreation at the University of Alberta for up to date information regarding admission and transfer averages.

Applicants must also possess all High School admission requirements, or equivalent. Students are reminded that the University of Alberta requires a minimum grade of C- for transfer.

You will need to meet the University's requirements for continuation in the Bachelor of Kinesiology program and for admission into the Faculty of Education. You are encouraged to consult the University's Calendar for specific details.

Students who transfer with less than 24 transfer credits will be considered High School Applicants to the University and will require an overall average of 70 percent in the high school courses required for admission.

## University Transfer, Kinesiology (Science)

### Kinesiology (Science)

780-539-2063  
1-888-539-4772, ext. 2063  
[peak@gprc.ab.ca](mailto:peak@gprc.ab.ca)

Kinesiology (Science) University  
Transfer  
*Maximum of 4 semesters and 60 credits  
transfer to 4-year degree program*

GPRC Grande Prairie

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*\*Please note that sequencing is designed for transfer to the University of Alberta unless otherwise noted.*

The Bachelor of Science in Kinesiology degree program explores and studies the many aspects of human movement. Graduates with a Bachelor of Science in Kinesiology will be prepared for careers in these fields: active rehabilitation and exercise therapy; ergonomics; active health and fitness; biomedical applications; rehabilitation equipment and technology; and research.

GPRC can offer students up to two years (60 credits) of appropriate course work in preparation for admission to year three of the Bachelor of Science in Kinesiology program at the University of Alberta in the Faculty of Physical Education and Recreation. Students may apply for admission for year two, after completing 30 credits (or more), or for year three after completing 60 credits. Students must present a competitive GPA.

#### ***Admission Requirements***

Admission Kinesiology (Science), University Transfer requires a minimum average of 70 percent in the following Alberta Education high school courses. For course groups, refer to the [Classification of Alberta Education Courses](#).

- English 30-1, minimum grade of 60 percent
- Biology 30 or Physical Education 30 (5-credit)
- Chemistry 30
- Mathematics 30-1
- Physics 30

It is essential that applicants check and plan so that they have the appropriate prerequisites for the required courses in the program.

This program transfers to the Degree Program offered by the Faculty of Physical Education and Recreation at the University of Alberta. Students applying for the program at GPRC will be offered admission to Kinesiology (Science), University Transfer and will choose courses appropriate for this degree.

## University Transfer, Kinesiology (Science)

### Kinesiology (Science), University Transfer

#### *Program Curriculum*

The curriculum requirements are outlined in the recommended sequence. If students register in courses out of sequence, they will need to carefully ensure that they have the required prerequisites and co-requisites.

#### *First year*

- CH1010
- CH2610
- Junior English (6 credits)
- PE1000
- PE1015
- PE1030
- PE1040
- PE1090 or ST1510
- PE2200

#### *Second year*

- MA1130 or MA1200
- PC1240
- PE2000
- PE2030
- PE1050
- PE3030
- PE2400
- PE2070
- Options (9 credits), \* BC2000 recommended

*\*No more than 3 credits of options are to be completed through Physical Activity and Dance courses. Students with an interest in biomechanics or motor control are encouraged to complete CS1010 or CS1140 as one of their options.*

#### *University Transfer*

##### **Transfer to University of Alberta**

To be considered a transfer applicant for admission to Bachelor of Science in Kinesiology at the University of Alberta, students must present a minimum GPA of 2.0 on the most recent 24 credits of course work in post-secondary study. The current competitive transfer average is 3.2. Students are reminded that the University of Alberta requires a minimum grade of C- for transfer. Successful completion of transfer credits and a minimum 3.2 GPA does not guarantee admission to the University. The University of Alberta Residence Requirement allows for a maximum of 60 credits transferable from other institutions. Applicants must also present all high school requirements or equivalent.

Averages are competitive, so they may change through the admission cycle. Please contact the Faculty of Physical Education and Recreation for up to date information regarding admission and transfer averages.

## University Transfer, Music

### Music

780-539-2909  
1-888-539-4772, ext. 2909  
[finearts@gprc.ab.ca](mailto:finearts@gprc.ab.ca)

**University Transfer**  
*Maximum of 4 semesters and 60 credits  
transfer to 4-year degree program*

**GPRC Grande Prairie**

**University Transfer Combined Degrees**  
*Maximum of 4 semesters and 66 credits  
transfer to 5-year degree programs*

- Bachelor of Music / Bachelor of Education
  - Elementary Route
  - Secondary Route

*\*Please note that sequencing is designed for transfer to the University of Alberta unless otherwise noted.*

The Music, University Transfer program is designed to prepare students for entrance into the third year of a four year program at the University of Alberta's Faculty of Arts, Edmonton and Augustana Faculty, Camrose. GPRC can offer students up to 63 credits toward the Bachelor of Music Degree programs offered at these locations. Application to third year Bachelor of Music at the University of Alberta requires an audition or portfolio. For program guidelines and details on requirements, consult an Academic Advisor in Student Services. Admission to this University Transfer program will be considered only after a successful audition.

### **Admission Requirements**

Applicants require the following Alberta Education high school courses:

- English 30-1
- Any four of Social Studies 30, a 30-level language other than English, a second 30-level language other than English, Biology 30, Chemistry 30, Physics 30, Mathematics 30-1 or 30-2 or Mathematics 31, Science 30, one approved Fine Arts subject (Music 30 preferred).

### **Other Requirements:**

- A performance audition is required before students are offered admission. Contact the Fine Arts Department to schedule an audition.
- Interview
- Music Theory and Aural Skills Placement Exam\*\*

*\*\*Applicants who do not present successful completion of MU1000 or Grade Two Conservatory Music Theory will be required to write a Music Theory Placement examination before registering in this program. Students who do not demonstrate the equivalent of grade two theory skills will take longer to complete this program of study.*



## University Transfer, Music

### Music, University Transfer

\*\*Students are advised to decide their Bachelor of Music route prior to Year 2. The three routes at the University are the General Route, the Performance Route, and the Composition and Theory Route.

#### *Program Curriculum*

##### *First year\**

- Junior English (6 credits)
- MU1250 (6)
- MU1510
- MU1550
- MU1560
- MU1650
- MU2800
- Music Ensemble (3 credits), chosen from MU1400, MU1410 or MU1490
- Option (3 credits) chosen from Music, Arts, Science

##### *Second year\**

- Language other than English (6 credits)
- MU2250 (6)
- MU2510
- MU2550
- MU2560
- MU2830
- Music Ensemble (3 credits), chosen from MU2400, MU2410, MU2490
- Options (6 credits) chosen from Music, Arts, Science

*\*To meet the Residency Requirement at the University of Alberta, students may only transfer 63 credits chosen from the 66 credits listed.*

### Music, University Transfer Combined Degrees

#### **BACHELOR OF MUSIC/BACHELOR OF EDUCATION, COMBINED DEGREE**

The Combined Bachelor of Music and Bachelor of Education Degrees Program (BMus/BEEd) is designed for students who want to pursue a career as a Music teacher. During this five-year program, Music Students take both Music courses and Education courses concurrently. Students who successfully complete this program are awarded both the Bachelor of Music Degree, and the Bachelor of Education Degree. Students apply for admission the Bachelor of Music and are registered in that program for the first three years. GPRC can offer you up to two years of appropriate course work for admission to year three at the University of Alberta. Students starting this program at GPRC may apply for admission to the University for year two, after completing 33 credits, or for year three, after completing 66 credits.

Students intending to pursue this combined degree are advised to declare this in their first year and will need to plan their course selection and sequence carefully. Upon registration of courses, students will need to indicate whether they are preparing for the Elementary or Secondary Route of the BMus/BEEd program as the courses taken in each program are slightly different and the sequencing of courses does not allow for much flexibility throughout the five years. Consult the current University of Alberta Calendar and an Academic Advisor for assistance in registering courses for this program.

#### ***Admission Requirements***

Applicants require the following Alberta Education high school courses:

- English 30-1
- Any four chosen from Social Studies 30-1, a 30 level Language other than English, a second 30 level language other than English, Biology 30, Chemistry 30, Physics 30, Mathematics 30-1 or 30-2 or Mathematics 31, Science 30, one approved Fine Arts subject (Music 30 preferred).

## University Transfer, Music

### Other Requirements:

- A performance audition is required before an offer of admission is made. Contact the Fine arts department to schedule an audition.
- Student must present Piano Proficiency before entrance in to third year. Please consult with the University of Alberta for further details.
- Interview
- Music Theory and Aural Skills Placement Exam\*\*

*\*\*Applicants who do not present MU1000 or Grade Two Conservatory Music Theory will be required to write a Music Theory Placement examination before registering in this program. Students who do not demonstrate the equivalent of grade two theory skills will take longer to complete this program of study.*

### Program Curriculum

#### COMBINED BMUS/BED, ELEMENTARY ROUTE

Consult with an Academic Advisor if you plan to transfer after First Year of this program.

##### First year

- Junior English (6 credits)
- MU1250 (6 credits)
- MU1510
- MU1550
- MU1560
- MU2800
- MU1650
- MU1400 or MU1410
- Approved Non-Education Element Course\*

##### Second year

- ED2510
- MU2250 (6 credits)
- MU2510
- MU2550
- MU2560
- MU2830
- MU2400 or MU2410
- Approved Non-Education Element Course\*
- Language other than English (6 credits)

*\*see advisor for details on course selection*

#### COMBINED BMUS/BED, SECONDARY ROUTE

##### First year

- Junior English (6 credits)
- MU1250 (6 credits)
- MU1510
- MU1550
- MU1560
- MU1650
- MU1400 or MU1410
- Minor Subjects (6 credits)\*

##### Second year

- ED2510
- MU2250 (6 credits)
- MU2510
- MU2550
- MU2560
- MU2400 or MU2410
- Language Other than English (6 credits)
- Minor Subject\* (6 credits)

*\*Refer to the University of Alberta Calendar Faculty of Education section Chart 3 for list of minor choices and required courses or consult with an Academic Advisor. Consult with an Academic Advisor if you plan to transfer after First Year of this program.*

### University Transfer

#### Transfer to the University of Alberta

The combined degree is a quota program at the University. To be considered for admission as a transfer applicant, you must present a minimum GPA of 2.3 or equivalent based on a minimum of 24 transferable credits. Possession of this minimum GPA does not guarantee admission to the program. Applicants must also possess all High School admission requirements, or equivalent. Students are reminded that the University of Alberta requires a minimum grade of C- for transfer.

## University Transfer, Nursing

### Nursing

780-539-2753  
1-888-539-4772, ext. 2753  
[nursing@gprc.ab.ca](mailto:nursing@gprc.ab.ca)

**Collaborative Degree Program**  
*University of Alberta, 4 years*

**GPRC Grande Prairie**

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GPRC offers you the option of pursuing a career in Nursing with the University of Alberta Collaborative Baccalaureate Nursing Program, a four-year Bachelor of Science in Nursing (BScN) Degree program. This program will prepare you to be licensed as a Registered Nurse.

All the courses in the Bachelor of Science, Nursing program can be completed at Grande Prairie Regional College but you will be required to attend at least one clinical placement outside of Grande Prairie. Practica may involve evening and night hours and weekends.

Special qualities are required for the nursing profession. You must be a caring individual who considers the dignity, individuality and worth of the patient, client, and family. Knowledge and skills will be developed through a variety of structured and student-directed instructional delivery methods. You will gain practical experiences in nursing laboratories and in local and regional health care facilities.

Students in the degree program should refer to the University of Alberta calendar for full program articulation, degree guidelines and graduation requirements.

### ***Admission Requirements***

#### **High School Applicants**

All applicants under 21 years of age must present a High School Diploma or equivalent and an overall average of 65 percent with no mark lower than 60 percent in any of the following:

- English 30-1
- Biology 30
- Chemistry 30 or Science 30
- Mathematics 30-1 or 30-2
- One of
  - Chemistry 30
  - Science 30
  - Mathematics 31
  - Physics 30
  - Computer Science – Advanced Level CTS (5 credit)
  - Social Studies 30-1
  - 30-level Language
  - Fine Arts course

## University Transfer, Nursing

### *Best Qualified*

**Applications will be accepted beginning October 1 of each year for the following September. Selection of applications begins March 1. Applications received after the end of February may not be considered for admission.**

Grande Prairie Regional College will accept 56 students into the first year of the nursing program. The very high demand for the program in the past few years has made it impossible to accept all applicants; therefore, preference will be given to applicants who are best qualified.

Only completed applications will be considered; therefore, all official transcripts must be received by March 1. Applicants with a completed post-secondary university degree will be assessed on an individual basis.

Preference will be given to applicants who are best qualified as determined by an admission scoring system based on high school and post-secondary course grades. Should two or more applicants have the same score, the students will be ranked according to the earliest application date. Conditional letters of admission will be mailed to successful applicants. Qualified applicants not selected for admission will be placed on a waitlist according to score.

As per college policy, outlined in the admissions section of the calendar, “the College, at its discretion, may refuse admission to any applicant”.

### **Admission of Indigenous Students**

Four seats in the first year of the nursing program will be reserved for qualified applicants of Indigenous ancestry. The top four applications, based on the outcome of the approved scoring system chart, will be selected for offer of admission and will be assigned these reserve seats. If the designated applicants do not fill these reserved seats by March 31 of each year, the seats will be offered to the general applicant pool.

Indigenous ancestry is defined by the Constitution Act of 1982, Part II, Section 35(2). Accordingly, Indigenous are Inuit, Indian and Metis peoples of Canada. If you are applying as an Indigenous student, you may be required to present proof of Indigenous ancestry.

### **Re-admission**

If you have previously enrolled in a nursing program and stopped out for any reason, your application to enter a Nursing program at GPRC will be considered on an individual basis and contingent upon space being available in the program.

### **Transfer from Other Nursing Programs**

If you are currently enrolled in a nursing program at another institution and are applying to transfer into year two or three at GPRC, you must have a GPA of 2.0 on the last 24 university transfer credits. Official transcripts of all post-secondary study and a letter of support from the Chair or Dean of your current program are required before your application will be considered. The letter of support must clearly indicate that you are eligible to enrol in a nursing program.

Admission to years 2 and 3 is not guaranteed and is subject to the availability of seats. Applicants for years 2 and 3 of the nursing program will be considered for admission based on the following priorities:

- former GPRC nursing students who have withdrawn in good standing and who apply within 12 months of their withdrawal
- students currently enrolled in the University of Alberta Collaborative Baccalaureate Nursing Program at one of the partner sites
- students currently enrolled in other nursing programs and who are in good standing.
- students not currently enrolled in a nursing program who have withdrawn from a previous nursing program are required to complete the readmission process. Admission is subject to the decision of the Department of Nursing Education and Health Studies.

If more than one qualified applicant fits one of the previous categories and are equally qualified for admission, priority will be established by date of application.

## University Transfer, Nursing

### Other Requirements for Students Admitted to Nursing

#### *Health and Safety Requirements*

All students admitted to the Nursing program must be capable of completing responsibilities and activities as required in clinical practice. In order to successfully pass clinical practice courses, students must consistently demonstrate the essential skills and abilities to safely provide nursing care to their assigned patient/client. The requirements for Registered Nurses are applicable to students in the Collaborative BScN Program. To review a summary of these requirements, see [www.gprc.ab.ca/departments/nursing/](http://www.gprc.ab.ca/departments/nursing/). If a student believes they may require assistance to be successful in the program, they are encouraged to contact an Academic Advisor in Student Services as soon as possible after admission for any accommodations that may need to be arranged.

Students must have a current Cardiopulmonary Resuscitation for Health Care Providers (CPR-HCP) prior to their first clinical placement that must be maintained annually throughout the program. A Standard First Aid Certificate is a requirement prior to the entrance into the program but does not have to be renewed. In addition, students are required to have WHMIS certification. Students must provide a photocopy of these certifications before their first clinical placement or they will not be allowed to attend the practicum. In addition, students must provide an immunization record prior to admission. Students who are admitted to the program will receive information on required and recommended immunizations with their admission. Some immunizations, including Hepatitis B, may need to be initiated prior to the first day of the program.

The College and Association of Registered Nurses of Alberta (CARNA) requires mandatory reporting of any blood borne virus infection (BBVI) when applying for initial registration and renewal to practice as a registered nurse. Existence of a BBVI may require modifications to the practice of a registered nurse, but this would occur infrequently. Recommendations for practice for health care workers who have a BBVI are available through the Alberta Expert Review Panel for Blood Borne Infections in Health Care Workers. For further information about this issue contact Deputy Registrar, College and Association of Registered Nurses of Alberta at [www.nurses.ab.ca](http://www.nurses.ab.ca).

Students may be required to attend at least one clinical placement outside of Grande Prairie and will be responsible for obtaining transportation to practica placements and for the costs of necessary travel and accommodations. Required practica placements may be a distance of 150 kilometres or more from Grande Prairie. Some practicum agencies may require Criminal Record Checks of students working in their organizations. Information regarding Criminal Record Checks will be provided to students after they have been admitted.

Students are required to purchase a stethoscope and a penlight, and scissors in the practice setting. Standardized uniforms are required - information will be provided upon admission.

#### *Length of Time to Complete Years 1-3*

The curriculum is designed to be taken over four years. Students should complete Years 1-3 of the program within four years after initial admission to the program.

Application for an extension to the program, along with a plan for completion, must be submitted to the Chairperson for review by the Student Academic Review Committee. With permission, students have six years from the time of admission to complete all requirements for this program.

#### *Mature Student Admission*

Students 21 years of age or over will be considered for mature student admission based on minimum overall average of 65 percent with no mark below 60 percent in each of the following:

- English 30-1
- Biology 30
- Chemistry 30 or Science 30
- One of Mathematics 31 or Mathematics 30-1 or 30-2

## University Transfer, Nursing

### ***Progression Criteria***

#### **Academic Progression Criteria**

A grade of C- is the minimum passing grade for any nursing course with the exception of NS1500 and NS2150. For promotion from year to year in the program and for graduation, you must have successfully completed all the required nursing and non-nursing courses of the previous year.

In order to progress to the Winter term of Year One of the Bachelor of Science in Nursing program, students must obtain a minimum GPA of 1.0 with no failing prerequisite courses (ST1510, PY1040, NS1500, MI1330) in the Fall term. Students are required to maintain a cumulative GPA of 2.0 to continue in the basic nursing program, to transfer to the University of Alberta and to graduate. Students with a term (semester) GPA of 1.7 to 1.99 will be placed on academic warning for one semester. Students on academic warning who fail to achieve a cumulative GPA of 2.0 by the end of the next term will be required to withdraw from the program. If the GPA warrants a second academic warning, the student will be required to withdraw from the program.

A student with a GPA of 1.69 or lower must withdraw from the nursing program. Readmission to program is subject to departmental review.

Students completing year three apply to the University of Alberta for admission to fourth year. Admission to fourth year and registration at the University of Alberta is contingent upon satisfactory academic standing in the first three years of the program. Satisfactory academic standing is passing grades in all previous courses with a minimum cumulative GPA of 2.0 on the 4.0 scale. If these conditions are met, students will be granted block transfer for work completed at the College. The University expects that electives and required courses in the support disciplines be completed in the recommended order. Research and statistics courses and electives completed at GPRC will be transferred as part of the three-year block transfer. Electives taken at GPRC in fourth year will be transferred to the University on an individual course basis. These courses require a minimum passing grade of C- for transfer approval.

**NOTE:** Students applying to the University of Alberta for admission outside of the block transfer are at the discretion of the University of Alberta for specific course transferability.

#### **Clinical Progression Criteria**

Students must complete theory and practice components of nursing courses to receive credit. Students who have not received a pass in the clinical or laboratory portion of a nursing course are not given credit for the course and must repeat both the clinical and non-clinical portions of the course. The clinical component, explained in the course outline, must be completed for credit to be granted.

A student who is absent more than two clinical days in one clinical nursing course may need to make up the lost time before being allowed to continue in the program. Absences from the clinical site may result in the instructor being unable to evaluate the student's clinical performance. If clinical performance cannot be evaluated, a failing grade may be assigned in the course. Whenever a student's clinical performance is considered marginal in a nursing course, the student's total academic and clinical performance in the program is reviewed and considered in determining continuation in the program.

An instructor, in consultation with the Chair, may immediately deny assignment of a student to, may withdraw a student from, or vary the terms or conditions of a site of a practicum/clinical placement, if the instructor has reasonable grounds to believe that this is necessary in order to protect public interest.

## University Transfer, Nursing

### Nursing, Degree Completion

#### *Program Curriculum*

*The Curriculum for this program is changing based on changes being made at the University of Alberta.*

*For students who entered 1st year Bachelor of Science, Nursing in 2015-2016 academic year or forward:*

#### *First year, 34 credits*

- Behavioural Sciences Elective (PY1040 or SO1000 Recommended)
- EN1201 or equivalent Jr. English (3)
- MI1330
- NS1035 (6)
- NS1055 (4)
- NS1410
- NS1500 (6)
- PZ1515
- ST1510

#### *Second Year, 33 credits*

- NS2015
- NS2025 (6)
- NS2055 (6)
- NS2060 (6)
- NS2150
- NS3010
- Options (6)\*\*

#### *Third year (30 Credits)*

- NS3070 (6)
- NS3080 (6)
- NS3090 (6)
- NS3100 (6)
- Option (3)\*\*
- Option (3)\*\*

*\*\* The University of Alberta requires a minimum grade of C- for transfer credit of electives.*

**For Students who completed 3rd year Bachelor of Science, Nursing in 2016-2017 academic year:**

#### *Fourth Year*

The following are University of Alberta courses for which students apply to and register with the University of Alberta as per the University of Alberta calendar:

- |           |           |
|-----------|-----------|
| • NURS490 | • NURS494 |
| • NURS491 | • NURS495 |

#### **Accelerated Program**

Students who have completed all the required courses and electives identified in the third year of the curriculum may apply to an accelerated program. Students who qualify for admission to the accelerated program will register in NURS 490 and NURS 491 in the Spring Term following the completion of third year and in NURS 494 and NURS 495 in the successive Fall Term. Acceptance into the accelerated program is based upon a competitive GPA.

*For students entering into the accelerated Bachelor of Science, Nursing in Spring 2018:*

#### *Fourth year (27 Credits)*

The following are University of Alberta courses for which students apply to and register with the University of Alberta as per University of Alberta calendar:

- |           |           |
|-----------|-----------|
| • NURS407 | • NURS494 |
| • NURS408 | • NURS495 |
| • NURS409 |           |

The number of seats in the accelerated program is dependent upon clinical placement opportunities and instructor availability.

#### **Advanced Standing**

A grade of C- is the minimum passing grade for any nursing or elective course required for the Bachelor of Science in Nursing program that will be accepted for advanced standing (transfer) from other institutions.

## Open Studies

780-539-2911  
1-888-539-4772, ext. 2911  
[nursing@gprc.ab.ca](mailto:nursing@gprc.ab.ca)

GPRC Grande Prairie

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Students needing to complete specific subjects or the required average for the program of their choice, or students who have not chosen a particular program of studies, but who wish to take a variety of courses out of interest, may apply for Open Studies.

Students in Open Studies may complete their admission requirements and start on other courses at the same time. Students admitted to Open Studies but who enrolled in two or more upgrading courses per semester will have their program of admission changed to Academic Upgrading. Students enrolling in nine credits of Open Studies are considered full-time and will have their applications reviewed by Admissions. If you wish to be a full-time student in Open Studies, you will need to meet admissions requirements listed.

### *Admission Requirements*

- High School Diploma or a minimum of eighteen years of age
- English 30-1 for combined university transfer programs

The necessary prerequisite courses for the university transfer or career program selected should normally be completed during the first year at the College.

Regardless of admission requirements, students must still have the high school prerequisites to the courses they require or wish to take in their program.

### *Part-time Students*

Students who have not been admitted to another program and who are considering part-time studies are normally admitted to Open Studies.

### *Progression Criteria*

Students who have been admitted to Open Studies because they have an admission deficiency and either need to upgrade one or more high school subjects or use a university studies course as a substitution for admission to another program, continuation of studies will require that the deficiency is fulfilled in the first year. Failure to fulfill the deficiency may also affect any future financial assistance.

## Open Studies

### *Program Curriculum*

Open Studies is a general program tailored to meet a student's upgrading requirements, the requirements of the career or university transfer program, or career goals. Students will be encouraged to consult with the appropriate department chairperson, the Associate Registrar, Admissions, and/or an Academic Advisor for details.



## Recreation, Sport and Tourism

780-539-2063  
1-888-539-4772, ext. 2063  
[peak@gprc.ab.ca](mailto:peak@gprc.ab.ca)

University Transfer  
Maximum of 4 semesters and 60 credits  
transfer to 4-year degree program

GPRC Grande Prairie

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The Bachelor of Arts in Recreation, Sport and Tourism is a four-year degree at the University of Alberta with GPRC offering the first year of study. This degree offers a broad field of studies from sport tourism to mountain history, from fitness and active living programs to arts, culture and heritage.

### *Admission Requirements*

Students require an overall average of 60 percent in the following Alberta Education high school courses or equivalents. For course groups, refer to the [Classification of Alberta Education Courses](#).

- English 30 or English 30-1, minimum 60 percent
- One subject from Group A or C
- One subject from Group A or B
- One subject from Group C, Biology 30 recommended
- One subject from Group A, C or Physical Education 30

Only one language other than English will be accepted.

This program transfers to the Degree Program offered by the Faculty of Physical Education and Recreation at the University of Alberta. Students applying for the program at GPRC will be offered admission to Recreation, Sport and Tourism, University Transfer and will choose courses appropriate for this degree.

### *Mature Student Admission*

If you are 21 years of age or older and do not have a high school diploma, you may still be eligible for admission as a Non-Matriculated Adult (NMA). Admission to the University of Alberta Bachelor of Recreation, Sport and Tourism program requires an overall average of 60 percent on the following Alberta Education high school courses:

- English 30, minimum 60 percent
- One other 30-level subject from Group A or C (Biology recommended)

Regardless of admission requirements, you must still have the high school prerequisites to the courses you require or wish to take in your program.

## Recreation, Sport and Tourism, University Transfer

### *Program Curriculum*

The curriculum requirements are outlined in the recommended sequence. Students who register in courses out of sequence, will need to carefully ensure that they have the required prerequisites and corequisites. Students are encouraged to consult the University of Alberta's Calendar for specific details.

#### *First year*

- PE1040
- PE1050
- PE1100
- PE2040
- PE2070
- Junior English (6 credits)
- Humanities, Social Sciences, Fine Arts / Languages or Open Options (9 credits)

### *University Transfer*

#### **Transfer to University of Alberta**

To be considered for admission as a transfer applicant, applicants must present a minimum GPA of 2.0 or equivalent based on a minimum of 24 of transferable credits. Possession of this minimum GPA does not guarantee admission to the program. The current competitive average is 2.5. Averages are competitive, so they may change through the admission cycle. Please contact the Faculty of Physical Education and Recreation at the University of Alberta for up to date information regarding admission and transfer averages.

Applicants must also possess all High School admission requirements, or equivalent.

Students who transfer with less than 24 transfer credits will be considered High School applicants to the University and will require an overall average of 70 percent in the high school courses required for admission.



## University Transfer, Science

### Science

780-539-2096  
1-888-539-4772, ext. 2096  
[science@gprc.ab.ca](mailto:science@gprc.ab.ca)

**University Transfer**  
*Maximum 2 semesters and 30 credits  
transfer to 4-year degree program*

**GPRC Grande Prairie**

**Pre-Professional Programs**  
*2 to 4 semesters, 30 to 60 credits may be  
completed at GPRC*

**University Transfer Combined Degrees**  
*2 semesters, 30 credits transfer to 5-year  
combined degree programs*

- Bachelor of Science  
(Specialization in Science and  
Education), Bachelor of  
Education (Secondary)

*\*Please note that sequencing is designed for transfer to the University of Alberta unless otherwise noted.*

#### Areas of Concentration

##### *Faculty of Agriculture, Life & Environmental Sciences*

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>• Agriculture</li> <li>• Animal Health</li> <li>• Environmental &amp; Conservation Sciences</li> </ul> | <ul style="list-style-type: none"> <li>• Forestry</li> <li>• Human Ecology</li> <li>• Nutrition &amp; Food Science</li> </ul> |
|---|---|

##### *Faculty of Science*

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>• General</li> <li>• Biochemistry</li> <li>• Biological Sciences</li> <li>• Cell Biology</li> <li>• Chemistry</li> <li>• Computing Science</li> <li>• Earth &amp; Atmospheric Sciences</li> <li>• Geophysics</li> <li>• Immunology &amp; Infection</li> </ul> | <ul style="list-style-type: none"> <li>• Mathematics</li> <li>• Neuroscience</li> <li>• Paleontology</li> <li>• Pharmacology</li> <li>• Physics</li> <li>• Physiology</li> <li>• Psychology</li> <li>• Statistics</li> </ul> |
|--|--|

A Bachelor of Science degree at the University of Alberta is normally a four-year, 120-credit, degree requiring a major and minor subject/area of specialization. In the Faculty of Science program, students may select a Bachelor of Science Honours, General, Specialization or a Major Program.

Bachelor of Science Honours programs are usually declared following completion of the first year (30 credits) of course work appropriate to your subject area and require a competitive GPA (3.0 or higher, depending on the subject area). For further details on Honours programs, consult the current University of Alberta Calendar, and/or an Academic Advisor.

Bachelor of Science Specialization or General Major programs are usually declared following completion of the first year (30 credits) of course work appropriate to your subject area and require a GPA between 2.3 and 2.7, depending on the subject area. For further details on specialization and general major programs consult the current University of Alberta Calendar, and/or an advisor.

## University Transfer, Science

The minor can be chosen from one of the Science areas, and then requires 24 to 36 credits in courses specified for the area with no more than 12 junior (1000-level) credits. Students may also choose a minor from a subject area in the Faculty of Arts, and must then fulfill that Faculty's requirements for the minor. Consult an Academic Advisor for details.

For B.Sc. degree requirements, a minimum of 18 credits must be taken from Faculty of Arts offerings; a maximum of 48 credits from Faculty of Arts offerings may be used for degree credit.

Students may transfer up to a maximum of 60 credits from other institutions into the Bachelor of Science degree program. Normally, no more than 42 credits at the junior 1000-level can be used for degree credit.

Many students, with one to two years of course work in Science, University Transfer at GPRC, have successfully transferred to universities other than the University of Alberta. Students wishing to begin their science program at Grande Prairie Regional College with a view to transferring elsewhere are encouraged to consult with an Academic Advisor who can assist them with course selection and with the interpretation of university requirements.

### ***Admission Requirements***

Admission to University Transfer programs in Science requires a minimum overall average of 70 percent in the following five Alberta Education courses. For course groups, refer to the [Classification of Alberta Education Courses](#).

- English 30-1
- Mathematics 30-1
- One from Group A, B, or C
- Two from Group C

It is essential that applicants check and plan so that they have the appropriate prerequisites for the courses that are required in their program.

### ***Mature Student Admission***

Applicants who are 21 years of age or older and do not have a high school diploma, may still be eligible for admission as a Non-Matriculated Adult.

Admission to the University of Alberta Bachelor of Science Program requires an overall average of 70 percent on three of the following courses or their equivalents: Mathematics 30-1, and two of Biology 30, Chemistry 30, Mathematics 31, or Physics 30.

Regardless of admission requirements, applicants must present the grade 12 subjects specified as prerequisites to the courses they are required or wish to take in their program.

## Science, University Transfer

### *FACULTY OF AGRICULTURE, LIFE & ENVIRONMENTAL SCIENCES*

#### **AGRICULTURE**

With a Bachelor of Science degree in Agriculture students will be prepared for a range of careers which include: agricultural production; agricultural projects and initiatives involving environmental challenges; management with government and financial institutions; educational roles / technology transfer (district agriculturists, home economists, agricultural representatives); work with international businesses / government agencies; research and development; and sales.

GPRC can offer students a modified first year program in preparation to transfer to year two of the Bachelor of Science program in the Faculty of Agricultural, Life and Environmental Sciences at the University of Alberta where students can specialize in one of the following areas: Agricultural and Resource Economics, Animal Science, Crop Science, or Sustainable Agricultural Systems.

#### *Program Curriculum*

##### **Agricultural and Resource Economics**

- BI1070 and BI1080
- EC1010 and EC1020
- Junior English (6 credits)
- MA1130
- ST1510
- Options (6 credits), OT3010

##### **Animal Science**

- BI1080 and BI2080
- 6 credits chosen from Organic Chemistry, Inorganic Chemistry or Physics
- EC1010 and EC1020
- Junior English (3 credits)
- MA1130
- ST1510
- Open Option (3 credits), second Junior English recommended

##### **Crop Science**

- EC1010 and EC1020
- Junior English (6 credits)
- MA1130
- ST1510
- 6 credits chosen from BI1070, BI1080, BI2070, BI2080
- Science Options (6 credits), chosen from Organic Chemistry, Inorganic Chemistry or Physics

##### **Sustainable Agricultural Systems**

- BI1080 and BI2080
- EC1010 and EC1020
- Junior English (6 credits)
- MA1130
- ST1510
- Science Options (6 credits), chosen from BC2000, BI1070, BI2070, Inorganic Chemistry, Organic Chemistry, Physics, ES1000

## University Transfer, Science

### ANIMAL HEALTH

The Bachelor of Science degree in Animal Health provides students with a strong background in basic life sciences with application in animal immunology and infection, animal physiology, nutrition, behavior and welfare, animal production and food processing. The program is of value to students seeking to pursue a career in the food animal production industry or in the field of companion animals. While registered in the Bachelor of Science Animal Health program, students are able to complete the requirements of the Pre-Veterinary Medicine programs at either the University of Saskatchewan or the University of Calgary.

#### *Program Curriculum*

##### **Companion and Performance Animals Major**

- BI1070 and BI1080
- CH1010 and CH1020 and CH2610
- Junior English (3 credits)
- MA1130 or MA1200
- PY1040
- ST1510
- Open Option (3 credits), second Junior English recommended

##### **Food Animals Major**

- BI1070 and BI1080
- CH1010 and CH1020 and CH2610
- Junior English (3 credits)
- MA1130 or MA1200
- ST1510
- Option (6 credits), second Junior English recommended

##### **Food Safety & Quality Major**

- BI1070 and BI1080
- CH1010 and CH1020 and CH2610
- Junior English (3 credits)
- MA1130 or MA1200
- ST1510
- Option (6 credits), second Junior English recommended

### ENVIRONMENTAL AND CONSERVATION SCIENCES

The Bachelor of Science degree in the field of environment and conservation prepares students for an expanding number of challenging careers. Graduates have found work with government and non-government agencies or companies concerned with parks, nature reserves and centres, environmental education, recreational areas, fish and wildlife management, environmental policy analysis, rangelands management, land reclamation and ecotourism.

The five areas of specialization within the Environmental and Conservation Sciences program are conservation biology; environmental economics and policy; land reclamation; human dimensions of environmental management; and wildlife and rangeland resources management.

GPRC can offer students a year of study designed to prepare students to transfer to year two of a Bachelor of Science program in the Faculty of Agricultural, Life and Environmental Sciences in any of the previously mentioned specializations.

#### *Program Curriculum*

*30 credits chosen from:*

- BI1080, BI2080
- CH1010
- EC1010
- Junior English (6 credits)
- MA1130
- ST1510
- Open Options (6 credits)

## University Transfer, Science

### FORESTRY

Students may choose a specialization in Forestry. The Forestry specialization develops graduates who appreciate the need to manage forested areas with due concern for all resources and who have the capability and knowledge to manage forested areas as integrated ecological entities. This specialization focuses primarily on forest management, the protection, manipulation, and use of the forest resource while ensuring sustainability and other social and cultural needs are met. The program of studies prepares students for careers as Registered Professional Foresters working in Government or industrial organizations or as consultants.

GPRC can offer students a year of study designed for successful application to year two of Bachelor of Science in Forestry program in the Faculty of Agriculture, Life and Environmental Sciences at the University of Alberta.

#### *Program Curriculum*

*30 credits chosen from:*

- BI1080 and BI2080
- CH1010
- EC1010
- Junior English (6 credits)
- MA1130
- ST1510
- Options (6 credits), EC1020 recommended

### HUMAN ECOLOGY

The Bachelor of Science program in Human Ecology offers two specializations providing graduates with varied and interesting career choices. Graduates from any of these programs meet the requirements for registration as Professional Home Economists.

GPRC can offer students a modified first year program designed for transfer to the second year of the Bachelor of Science in Human Ecology in one of the two majors, in the Faculty of Agricultural, Life and Environmental Sciences.

#### *Program Curriculum*

##### **Family Ecology**

Graduates in Family Ecology will be prepared for work with government, non-profit, and consulting agencies that offer family life education to individuals and groups. The work may range across and include community-based education: planning, evaluation concerning consumer issues, marriage preparation, parent education, and other initiatives aimed at fostering healthy family and preventing or minimizing dysfunction.

- |  |                     |
|--|---------------------|
| • EC1010 and EC1020  | • PY1040 and PY1050 |
| • Junior English (6 credits)   | • SO1000 and SO2710 |
| • Natural Science Option (3 credits), chosen from<br>Biology, Chemistry, Earth Science, Physics,<br>Psychology (Faculty of Science), or PE2420 | • ST1510            |

##### **Clothing, Textiles and Material Culture**

Graduates in the Textiles and Clothing Major will be prepared to seek careers in education, business, extension, and cultural agencies in areas such as textile science, textile and apparel design, textile conservation and curatorship, or consumer affairs.

- |  |   |
|--|---|
| • EC1010 and EC1020  | • Social Sciences or Humanities Options (6 credits) |
| • Junior English (6 credits)   | • ST1510  |
| • Natural Science Option (6 credits), chosen from<br>Biology, Chemistry, Earth Science, Physics,<br>Psychology (Faculty of Science), or PE2420 | • Option (3 credits), OT3010 recommended            |

## University Transfer, Science

### NUTRITION AND FOOD SCIENCE

The Bachelor of Science Program in Nutrition and Food Science offers three majors or areas of concentration. Growing public awareness and involvement in decisions about food products has led to the expanding career opportunities for nutrition and food science professionals in areas such as research, policy making, production, testing, manufacturing, marketing, education, and communication in both the public and private sector.

GPRC can offer students a year of study designed for transfer to the second year of the Bachelor of Science in any one of the three majors for Nutrition and Food Sciences in the Faculty of Agricultural, Life and Environmental Sciences at the University of Alberta.

#### *Program Curriculum*

##### **Food Science and Technology**

- BI1070
- CH1010, CH1020
- CH2610
- EC1010 and EC1020
- Junior English (6 credits)
- MA1130
- ST1510 or PE2420

##### **Nutrition and Food Science General Major**

- BI1070
- CH1010, CH1020
- CH2610
- EC1010 and EC1020
- Junior English (6 credits)
- PE2420
- ST1510

#### **Nutrition Major**

*\*See Dietician under Pre-Professional Programs*

## Science, University Transfer

### *FACULTY OF SCIENCE*

#### **GENERAL**

#### *Program Curriculum*

The General program for the Bachelor of Science has a curriculum of first year core courses that must include:

##### *First year*

- Junior English (6 credits)
- Options (6 credits) from junior courses in Computing Science, Mathematics or Statistical Science
- Options 6 credits) from junior courses in Chemistry or Physics
- Options (6 credits) from junior courses in Biological Sciences, Earth Sciences or Science Psychology (PY1040)
- Options (6 credits) from Arts or Sciences\*

*\*Students interested in a Business Minor must take EC1010 and EC1020*

### **BIOCHEMISTRY**

#### *Program Curriculum*

##### *First year*

- BI1070
- CH1010 and CH1020
- CH2610
- Junior English (6 credits)
- MA1130
- PC1240 and PC1260
- Math or Statistics Option (3 credits), ST1510 recommended



## University Transfer, Science

### **BIOLOGICAL SCIENCES**

Students can prepare to enter the third year of the University of Alberta's Biology program by completing the first two years of the program at GPRC.

The Honours and Specialization programs in the Biological Sciences offer a voluntary Industrial Internship Program (IIP), which gives students the opportunity to augment their studies with periods of paid, discipline related work. The IIP is usually made available to you in the third year of your program and you should apply for admission to the IIP prior to year three.

Graduates in the Biological Sciences from the various concentrations/disciplines may continue on with graduate studies, work in research and development at universities, medical schools, research institutes and with private industries. Other career opportunities exist in agriculture, ecology/field work, forestry, laboratories, medicine, social policy, teaching and veterinary medicine (just to name some).

All students in the University of Alberta, Bachelor of Science Biological Sciences programs take a common core of courses for first year and follow the course sequence suitable to one of the eight areas of concentration (for Specializations and Honours programs).

Continuation in the Specialization in Biological Sciences requires the completion of at least 24 credits in the previous fall/winter.



## University Transfer, Science

### ***Program Curriculum***

#### **Biological Science First-Year Core**

- BI1070 and BI1080
- CH1010
- CH2610
- Junior English (6 credits)
- MA1130 or MA1200
- ST1510
- Science Option\* (6 credits) CH1020 recommended

*\*Program specific courses are recommended*

#### **Animal Biology**

##### ***First year***

- Biological Sciences First-Year Core

##### ***Second year***

- BI2010
- BI2070
- BI2080
- BC2000
- GN2700
- Science Options (9 credits)
- Arts Option (6 credits)

#### **Ecology**

##### ***First year***

- Biological Sciences First-Year Core

#### **Environmental Biology**

##### ***First year***

- Biological Sciences First-Year Core

#### **Evolutionary Biology**

##### ***First year***

- Biological Sciences First-Year Core

#### **Microbiology**

##### ***First year***

- Biological Sciences First-Year Core

##### ***Second year***

- BC2000
- BI2070 and BI2080
- MI2650 and MI2950
- GN2700
- CH2630
- Arts Options (6 credits)
- Science Options (3 credits), BI2010 recommended

#### **Molecular Genetics**

##### ***First year***

- Biological Sciences First-Year Core

##### ***Second Year***

- BC2000
- BI2070
- BI2080
- CH2630
- GN2700\*
- MI2650
- Art Options (6 credits)
- Science Options (6 credits)

*\*GN2700 must be completed by Year Two*

#### **Physiology and Developmental Biology**

##### ***First year***

- Biological Sciences First-Year Core

##### ***Second year***

- BC2000
- BI2010
- BI2070 and BI2080
- CH2630
- Approved Arts Option (3 credits)
- Approved Science Options (9 credits)

#### **Plant Biology**

##### ***First year***

- Biological Sciences First-Year Core

## University Transfer, Science

### CELL BIOLOGY

A Bachelor of Science Degree in Cell Biology will provide you with the educational prerequisites and laboratory experience necessary for postgraduate or technical careers in cellular aspects of the discipline. The Honours and Specialization programs offer a voluntary Industrial Internship Program (IIP), an opportunity to augment studies with periods of paid, discipline-related work. The IIP is usually available to applicants after the completion of a minimum of 75 credits in good academic standing. Students are required to present 24 credits with a minimum 2.3 GPA in each preceding Fall/Winter.

#### *Program Curriculum*

##### *First year*

- BI1070
- CH1010 and CH1020
- CH2610
- Junior English (6 credits)
- MA1130
- PC1240 and PC1260
- Approved Option (3 credits), BI1080, ZO2410 or ZO2420 recommended

##### *Second year*

- BC2000
- BI2010
- BI2070
- CH2630
- GN2700
- MI2650
- ST1510
- Approved Options (6 credits)
- Arts Option (3 credits)

### CHEMISTRY

Students can prepare for a career in education, medicine or industry by studying chemistry. With a Bachelor of Science degree you can work for government and industry laboratories in quality control, sales or technical service positions.

#### *Program Curriculum*

##### *First year*

- CH1010 and CH1020
- CH2610
- Junior English (6 credits), or Junior English (3 credits) and Arts Option (3 credits)
- MA1130
- MA1150
- PC1240 and PC1260
- Science Option (3 credits)

### COMPUTING SCIENCE

For information on programs in computing science, refer to Bachelor of Science, Mathematics; Computer Systems Technology, Certificate and Diploma; Computing Science, University Transfer; and Computing and Information Systems, Degree Completion.

## University Transfer, Science

### EARTH AND ATMOSPHERIC SCIENCES

Earth and atmospheric sciences encompass the study of the atmosphere, and the surface and interior of the earth.

#### *Program Curriculum*

##### **Atmospheric Sciences**

- CS1140
- Junior English (6 credits)
- ES1000
- MA1130 and MA1150
- MA1200
- PC1240 and PC1260
- ST1510

##### **Geology**

- CH1010 and CH1020
- Junior English (6 credits)
- ES1000
- MA1130 and MA1150
- PC1240 and PC1260
- Arts Option (3 credits)

##### **Environmental Earth Sciences**

- CH1010 and CH1020
- Junior English (6)
- ES1000
- BI1080
- MA1130 and MA1150
- PC1240 and PC1260

**\*\*NOTE: Students planning a Geology or Environmental Earth Science major will still have to complete one year in a general science program at University of Alberta prior to admission in to these programs\*\*\***

### GEOPHYSICS

Petroleum, mineral and exploration industries offer good opportunities for Geophysics graduates. With an advanced degree you may find a satisfying research career.

#### *Program Curriculum*

- CH1010 and CH1020
- Junior English (6 credits)
- ES1000
- MA1130 and MA1150
- MA1200
- PC1240 and PC1260

### IMMUNOLOGY AND INFECTION

#### *Program Curriculum*

##### *First year*

- BI1070 and BI1080
- CH1010 and CH1020
- CH2610
- Junior English (6 credits)
- MA1130 or MA1200
- ST1510
- Science Option (3 credits)

##### *Second year*

- BC2000
- BI2010
- BI2070 and BI2080
- CH2630
- GN2700
- MI2650 and MI2950
- Arts Options (6 credits)

## University Transfer, Science

### MATHEMATICS

With a concentration in mathematics, you can choose employment in business, industry, government or education. Students can complete the first year of your program at GPRC.

#### *Program Curriculum*

##### Mathematics

- Approved Options (6 credits)
- Junior English (6 credits)
- MA1130 and MA1150
- MA1200
- CS1140 and CS1150
- Approved Science Option (3 credits)

##### Computational Science (Mathematics)

- CS1140 and CS1150
- Junior English (6 credits)
- MA1130 and MA1150
- MA1200
- Approved Options (9 credits)

##### Mathematics and Economics

Prepare for a career in economics with a B.Sc. Specialization in Mathematics and Economics. Complete the first year of your program at GPRC and then transfer to the University of Alberta for degree completion.

- EC1010 and EC1020
- Junior English (6 credits)
- MA1130 and MA1150
- MA1200
- ST1510
- CS1140 and CS1150 or Approved Science Options (6 credits)

##### Mathematics and Finance

Prepare for a career in financial advising and planning with a B.Sc. Specialization in Mathematics and Finance. Complete the first year of the program at GPRC and then transfer to the University of Alberta for degree completion.

##### *First Year*

- CS1140 and CS1150
- EC1010 and EC1020
- Junior English (6 credits)
- MA1130 and MA1150
- MA1200
- ST1510

**\*\*NOTE: For a listing of Approved Options visit the University of Alberta webpage or consult with an Academic Advisor\*\***

### NEUROSCIENCE (HONOURS ONLY)

Neuroscience is a broadly-based discipline covering all aspects of brain function. Some major areas are brain development, nerve cells and synapses, sensation and perception, learning and memory, control of movement, animal behaviour, cognitive psychology, and disorders of the nervous system.

#### *Program Curriculum*

##### Year One

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>• Junior English (6 credits)</li> <li>• BI1070</li> <li>• CH1010</li> <li>• CH2610</li> </ul> | <ul style="list-style-type: none"> <li>• PC1240 and PC1260</li> <li>• MA1130</li> <li>• MA1150 or ST1510</li> <li>• PY1040</li> </ul> |
|--|---|

## University Transfer, Science

### PALEONTOLOGY

Paleontology draws on biological and geological knowledge to study the evolutionary history of life. Paleontologists usually work as research scientists and/or teachers in universities, museums and in government and industrial laboratories.

#### *Program Curriculum*

- BI1070 and BI1080
- CH1010
- Junior English (6 credits)
- ES1000
- MA1130 or MA1200
- ST1510
- Science Option (3 credits)
- Arts Option (3 credits)

### PHARMACOLOGY

Careers are available in the pharmaceutical industry, government departments, universities, and research institutes.

#### *Program Curriculum*

No courses are available in Pharmacology until the third year of a four-year program; however, the first year at GPRC would include:

- BI1070
- CH1010 and CH1020
- CH2610
- Junior English (6 credits)
- ST1510
- Approved Science Options (9 credits), chosen from Biochemistry, Biology, Chemistry, Genetics, Math, Microbiology, Physics, Physiology, Statistics or Zoology.

Continuation and graduation from the University of Alberta Honours program in Pharmacology requires a minimum GPA of 3.3 on at least 30 credits taken in the preceding Fall and Winter Semesters and a minimum GPA of 3.3 in all science courses taken.

### PHYSICS

Students can move into industry with a B.Sc. Specialization or Honours degree in Physics. GPRC offers the first year of the B.Sc. Program.

#### *Program Curriculum*

##### **Physics or Astrophysics**

- Junior English (6 credits)
- MA1130 and MA1150
- MA1200 and MA2250
- PC1240 and PC1260
- Science Options (6 credits) Chemistry or Earth Science recommended

## University Transfer, Science

### PHYSIOLOGY (HONOURS ONLY)

Graduates in physiology are employed in government and pharmaceutical laboratories in the field of medical research. Students may also choose a career in teaching. The first year of this B.Sc. Program is offered at GPRC.

#### *Program Curriculum*

- BI1070
- BI2010
- CH1010 and CH1020
- CH2610
- Junior English (6 credits)
- ST1510
- Approved Science or Arts Options (6 credits), consult the University of Alberta for approved non-science options and suggested Arts options.

### PSYCHOLOGY

Study to become a psychologist and work in experimental, industrial or clinical psychology. The two-year transfer program starts students on the way to the Bachelor of Science Degree.

#### *Program Curriculum*

##### *First year*

- BI1070 and BI1080
- Junior English (6 credits)
- PY1040 and PY1050
- Approved Science Options (6 credits), chosen from Chemistry or Physics
- Approved Science Options (6 credits), chosen from Computing Science or Mathematics

##### *Second year*

- ST1510\*
- Psychology Options (6 credits), chosen from PY2580, PY2750, or PY2810
- Psychology Options (6 credits), chosen from PY2230, PY3390 or PY2410
- Arts Option (6 credits), chosen from Anthropology, Economics, Political Science or Sociology
- Approved Science Options (9 credits)

For science options, it is recommended that students choose supporting courses from mathematics, statistics, computing science, physics, and the biological sciences.

*\*If you are a psychology major transferring to the University of Calgary, you should delay taking statistics until you attend the University. Students transferring to the University of Alberta can take PY2110 in Year Two instead of ST1510.*

### STATISTICS

Business, industry, government, and teaching offer statisticians challenging positions

#### *Program Curriculum*

##### *First year*

- CS1140 and CS1150
- Junior English (6 credits)
- MA1130 and MA1150
- MA1200
- ST1510
- Approved Options (6 credits)

## Science Pre-Professional Programs

*\*Admission to professional programs is very competitive. Students are advised to confirm pre-professional requirements prior to registering for classes. An Academic Advisor can assist students with their course selection.*

### Areas of Concentration

- Agriculture/Food Business Management
- Chiropractic
- Dental Hygiene
- Dentistry
- Dietician
- Forest Business Management
- Medical Laboratory Science
- Medicine
- Optometry
- Pharmacy
- Radiation Therapy
- Rehabilitation Medicine
- Pre-Veterinary Medicine

University Transfer Science Pre-Professional studies are designed to provide students with the requirements necessary to enter the first year of the following professional programs at an Alberta university or other universities in Canada.

Please be advised that the universities apply stringent quotas on admissions to the professional years of the following programs and that successful completion of the required pre-professional studies is no guarantee of admission.

It is advisable that your program be designed so it can also lead to the completion of an accredited degree. Be sure to check the calendar of the university that offers the degree in each of these programs and seek advice from an advisor regarding admission deadlines and application requirements.

Upon completion of appropriate course work in Bachelor of Science programs with a competitive grade point average (GPA), students may be eligible for admission to a professional program at the designated university.

### AGRICULTURAL OR FOOD BUSINESS MANAGEMENT

Graduates with a Bachelor of Science in Agricultural or Food Business Management are prepared for a varied and flexible range of careers, including: food production or manufacturing, research and development, financial management with government and private financial institutions, and work with businesses nationally and internationally.

#### *Admission Requirements*

Admission to the Agricultural or Food Business Management programs requires the completion of 30 credits with a minimum of 24 transferable to the program. The minimum GPA for application is 2.3, with all admissions being competitive to the Faculty of Agriculture, Life and Environmental Sciences.

#### *Program Curriculum*

##### **Agricultural Business Management**

- BI1070 or BI1080 or CH1010
- EC1010 and EC1020
- Junior English (6 credits)
- MA1130
- ST1510
- MK3960
- OT3010
- Option (3 credits)

##### **Food Business Management**

- BI1070 or BI1080
- CH1010, CH2610 and CH2630
- EC1010 and EC1020
- Junior English (6 credits)
- MA1130
- ST1510
- OT3010 or MK3960



## University Transfer, Science

### CHIROPRACTIC

In Canada, two post-secondary institutions offer four year Doctor of Chiropractic (DC) degree programs:

- the Canadian Memorial Chiropractic College (CMCC) in Toronto
- the Université du Québec in Trois Rivières (instruction in French).

The minimum entrance requirement is successful completion of at least three years of post-secondary education. Most entrants have a Bachelor of Arts or Bachelor of Science degree.

Admission to CMCC requires a grade point average (GPA) of at least 2.5 in 90 credits of undergraduate study. There are no specific course requirements but potential applicants are encouraged to study kinesiology, biology, psychology, anatomy, physical education and chemistry. Chiropractic colleges in the United States accredited by the Commission on Accreditation of the Council on Chiropractic Education (CCE) also are recognized by the College of Chiropractors of Alberta.

Students may complete either one or two years of this program at GPRC, and then transfer to the University of Alberta, or another university, for the remainder.

For current information about programs, admission requirements and mature student admission policies, please check post-secondary calendars or websites, and/or an Academic Advisor.

### DENTAL HYGIENE

#### *Admission Requirements*

The minimum requirement for admission to the Bachelor of Science Dental Hygiene Specialization is the satisfactory completion of 30 credits of transferable postsecondary work, of which 24 credits must be taken during one Fall / Winter academic year. A minimum grade of C- (or equivalent) is required in any transfer course.

#### APPLICATION DEADLINE IS NOVEMBER 1

Students are advised to check the University of Alberta Faculty of Medicine & Dentistry for updated information regarding application deadlines, admission information and competitive admission averages: <https://www.ualberta.ca/school-of-dentistry/programs-and-admissions/dental-hygiene/bsc-dental-hygiene-specialization>.

#### *Program Curriculum*

##### **Pre-professional Requirements\***

- Junior English (6 credits)
- CH1010
- CH2610
- BI1070
- Sociology (3 credits)
- Psychology (3 credits)
- Statistics (3 credits)
- Options (6 credits)

*\*Admission to professional programs is very competitive. Students are advised to confirm pre-professional requirements prior to registering for classes. An Academic Advisor can assist you with your course selection.*

## University Transfer, Science

### DENTISTRY

Students will find private practice, teaching or research opportunities when they graduate from the Dentistry Program.

#### *Admission Requirements*

Two years of appropriate University Transfer Science at GPRC will allow students to apply to the University of Alberta's Faculty of Medicine and Dentistry, but space is limited. The minimum requirement for admission to the Doctor of Dental Surgery (DDS) is the satisfactory completion of 60 credits of transferable postsecondary work of which 30 credits must be taken during one Fall / Winter academic year. Students must also maintain a competitive GPA.

In addition, as admission to the Dentistry program is highly competitive, students are advised to design their program to lead to a Bachelor of Science degree. For further information, consult an Academic Advisor in Student Services.

#### *Program Curriculum*

The pre-professional requirements to be included in the 60 credits are:

- Organic Chemistry (6 credits)
- General Chemistry (6 credits)
- Physics (6 credits)
- Biology (6 credits)
- Junior English (6 credits)
- Statistics (3 credits)
- Introductory Biochemistry (3 credits)

#### *Additional Information*

Applicants must write the Canadian Dental Aptitude Test (DAT). For further information on the application process, academic requirements, DAT and selection process, explore the Faculty of Medicine and Dentistry website: <https://www.ualberta.ca/school-of-dentistry/programs-and-admissions/dentistry/doctor-of-dental-surgery-dds>.

### DIETICIAN

Earn the Bachelor of Science in Nutrition & Food Science, Dietetics Specialization. With this degree, graduates can go on to practice as a Registered Dietitian (RD). Students will gain both the knowledge and practical skills needed to practice as a Registered Dietitian or Registered Nutritionist.

Admission to this program guarantees Dietetic Internship, which is a requirement in order to become a Registered Dietitian.

To learn more about the career as a Registered Dietitian, visit the [College of Dietitians of Alberta](#).

#### *Admission Requirements*

Applicants to the Dietetics Specialization must present a Minimum Admission GPA of 2.7. Note that a competitive applicant will present a minimum of 3.0. Admission GPA is calculated on all course work completed in the two most recent terms of study (Fall/Winter) provided they contain a minimum of 24 credits. If those two terms contain less than 24 credits, then all course work in the term(s) prior will be included in the calculation until the minimum of 24 has been reached.

A letter of Intent and two letters of reference are required with the application.

For more information on this program, including important deadlines, please contact [questions.ales@ualberta.ca](mailto:questions.ales@ualberta.ca).

## University Transfer, Science

### ***Program Curriculum***

GPRC offers students the pre-professional courses required for admission to this competitive program. All courses must be completed by the end of the Winter semester immediately prior to admission\*.

- BI1070
- CH1010
- CH1020
- CH2610
- Junior English (6 credits)
- PE2420
- ST1510
- 2 Options (6 credits)

*\*Admission is very competitive. Students are advised to confirm pre-professional requirements prior to registering for classes. An Academic Advisor can assist you with your course selection.*

### **FOREST BUSINESS MANAGEMENT**

The Forestry Business Management degree is intended to prepare students for careers as professional foresters and is for individuals planning careers focusing on forest practices, but who also demand specialized knowledge in business management practices. The Forest Business Management program prepares students for careers as Registered Professional Foresters.

### ***Admission Requirements***

Admission to the Forest Business Management program requires the completion of 30 credits with a minimum of 24 transferable to the program. The minimum GPA for application is 2.3, with all admissions being competitive, to the Faculty of Agriculture, Life and Environmental Sciences.

### ***Program Curriculum***

- BI1080 and BI2080
- CH1010
- EC1010 and EC1020
- Junior English (6 credits)
- MK3960 or OT3010
- MA1130
- ST1510

## University Transfer, Science

### MEDICAL LABORATORY SCIENCE

The Bachelor of Science in Medical Laboratory Science is offered in the Faculty of Medicine and Dentistry at the University of Alberta. Medical laboratory technologists are healthcare professionals who aid in the diagnosis, treatment, prevention and monitoring of disease by testing blood, urine, body fluids and tissue. There are five disciplines in Medical Laboratory Science / Technology: Clinical Biochemistry, Hematology, Microbiology, Transfusion Science and Histotechnology.

#### *Admission Requirements*

Those wishing to enrol in the BSc Medical Laboratory Science program must complete a pre-professional year before applying for admission. Students should take these courses as one year of full-time study. Preference will be given to those students who have completed the required 30 credits in one academic year. An applicant may not benefit from additional postsecondary courses. A minimum of 2.0 is required in pre-professional course work.

#### *Program Curriculum*

##### **Pre-professional Requirements\***

- Junior English (6 credits)
- General Chemistry (6 credits)
- Organic Chemistry (6 credits)
- Cell Biology (3 credits)
- Biology, Genetics, Microbiology, or Zoology (3 credits)
- Statistics (3 credits)
- Options (3 credits)

*\*Admission to professional programs is very competitive. Students are advised to confirm pre-professional requirements prior to registering for classes. An Academic Advisor can assist you with your course selection.*

#### *Additional Information*

Application Deadline is March 1. Applicants to the Bachelor of Science in Medical Laboratory Science are advised to check the website: [uab.ca/MLS](http://uab.ca/MLS) or email [medlabsc@ualberta.ca](mailto:medlabsc@ualberta.ca) for updated information.

### MEDICINE

Family practice and over 30 specialties are open to the medical graduate.

#### *Admission Requirements*

Students seeking admission to a medical program are encouraged to obtain an undergraduate degree before admission but may apply after two or three years in a degree program. Applicants applying after two or three years must present a minimum GPA of 3.7.

#### *Program Curriculum*

Regardless of the degree program, students are encouraged to complete the following courses in order to prepare to write the MCAT:

- Biology (6 credits)
- Biochemistry (3 credits), where possible students are encouraged to take a full year of Biochemistry (6 credits)
- General Chemistry (6 credits)
- Organic Chemistry (6 credits)
- Junior English (6 credits)
- Physics (6 credits)
- Statistics (3 credits)

## University Transfer, Science

### OPTOMETRY

In Canada four year Doctor of Optometry degree programs are available at the University of Waterloo and the University of Montreal.

#### *Program Curriculum*

The entrance requirement is at least three years of a university science program with a competitive average in the following pre-requisites:

- Junior English (3 credits)
- Introductory Ethics (3 credits)
- Introductory Psychology (3 credits)
- General Biology (6 credits)
- Microbiology (3 credits)
- Physiology (Human or Mammalian) (6 credits)
- General Chemistry (3 credits)
- Biochemistry (3 credits)
- Organic Chemistry (3 credits)
- Calculus (3 credits)
- Statistics (3 credits)
- Physics (6 credits)

Courses in human anatomy, embryology, genetics, histology and linear algebra or geometry and trigonometry are recommended.

### PHARMACY

The University of Alberta will offer admission to the Doctor of Pharmacy (PharmD) starting Fall 2018. The PharmD is an undergraduate clinical degree that will replace the Bachelor of Science in Pharmacy degree.

#### *Admission Requirements*

The Doctor of Pharmacy will be a four year program consisting of coursework and practice experiences. The minimum requirements for admission will be the satisfactory completion of 60 credits of university transferable course work.

#### *Program Curriculum*

##### **Pre-professional Requirements**

GPRC can offer students the full 60 credits required for admission to the PharmD program:

- General Chemistry (6 credits)
- Organic Chemistry (6 credits)
- Junior English (6 credits)
- Cell Biology (3 credits)
- Biochemistry (3 credits)
- Calculus (3 credits)
- Statistics (3 credits)
- Microbiology (3 credits)

The remaining 27 credits can be made up by successful completion of a combination of university level course work.

Students are encouraged to consult with either an Academic Advisor or a Science Faculty Advisor for assistance in choosing appropriate courses.

#### *Additional Information*

For more information about the program at the University of Alberta, email [phstud@ualberta.ca](mailto:phstud@ualberta.ca)

## **RADIATION THERAPY**

Radiation therapists plan the technical aspects of radiation treatments and deliver therapy treatments to patients. They assess, monitor, document and respond to patients' physical and emotional needs during the treatment sessions. Radiation therapists also educate patients and their families about radiation treatments and potential side effects.

### ***Admission Requirements***

Radiation Therapy is a competitive program. Students will require a minimum overall GPA of 3.2 on all pre-professional courses to apply. It is highly recommended for students to present a full load of 30 credits in one academic fall/winter.

### ***Program Curriculum***

#### **Pre-professional Year**

- Junior English (3 credits)
- BI1070
- CH1010 and CH2610
- MA1130
- ST1510
- PC1240 and PC1260
- Psychology and/or Sociology (6 credits) (any combination)

## **REHABILITATION MEDICINE**

### **Occupational Therapy**

The Faculty of Rehabilitation Medicine at the University of Alberta offers a Master of Science in Occupational Therapy (MSc in OT) for those students interested in becoming Occupational Therapists.

### ***Admission Requirements***

Minimum admission requirements include the completion of a four-year undergraduate degree from a recognized post-secondary institution with a GPA of at least 3.0 in the most recent 60 credits which must include one Statistics course (3 credits) and one Human Anatomy course (3 credits). Courses in Biology and Physiology and Anatomy are recommended.

### **Additional Admission Requirements**

Applicants are required to submit a curriculum vitae in a pre-set format (available for download with the Online Application for Graduate Admission); two letters of recommendation, one of which **MUST** be from an Academic; personal statement letter (maximum two pages) describing the applicant's knowledge of occupational therapy and what the applicant can bring to the program.

## University Transfer, Science

### Physical Therapy

The Faculty of Rehabilitation Medicine at the University of Alberta offers a Master of Science in Physical Therapy (MSc PT) for those students interested in becoming Physical Therapists.

### *Admission Requirements*

Completion of a four-year undergraduate degree from a recognized post-secondary institution is required. A minimum GPA of 3.0 is required but a GPA of 3.5 or higher on the most recent sixty credits of study is recommended for a competitive application. Students must present the following pre-professional courses for admission:

- English (3 credits)
- Statistics (3 credits)
- Psychology (3 credits) - *Sports / Exercise Psychology courses will not be acceptable*
- Humanities / Social Science (3 credits)
- Human Anatomy (3 credits), must focus on HUMAN anatomy
- Human Physiology (6 credits), must focus on HUMAN physiology
- Human Movement (3 credits)\*

*\*Applicants who have completed a baccalaureate degree in Kinesiology/Human Kinetics or Physical Education/Activity will be considered to have completed the pre-requisite coursework for introductory human movement and will have met this requirement. Applicants who have completed undergraduate degrees in other areas should register in PTher351 online through the University of Alberta.*

### **Additional Admission Requirements**

A minimum of 30 hours of volunteer or paid experience with individuals who have cognitive or physical disabilities at no more than 2 facilities; and a personal interview.

### Speech Pathology

The University of Alberta also offers a Master of Science program in Speech Pathology and Audiology. The recommended undergraduate background for admission is a Bachelor degree in Arts, Science or Education with a focus on Psychology and Linguistics. Please speak with an Academic Advisor regarding courses required within your undergraduate degree.

### **PRE-VETERINARY MEDICINE**

In the Western Canadian Provinces, Veterinary Medicine is available at the University of Calgary and at the Western College of Veterinary Medicine, University of Saskatchewan.

The Veterinary Medicine program consists of two years of Pre-Veterinary Medicine and four years of Veterinary Medicine at either University. The University of Saskatchewan has a quota on the number of Alberta students entering Veterinary Medicine whereas applicants to the program at the University of Calgary must be Alberta residents. Admission to Veterinary Medicine is normally very competitive.

## University Transfer, Science

### Faculty of Veterinary Medicine, University of Calgary

#### *Admission Requirements*

Applicants must be Alberta residents and have completed at least two academic years of full time study (minimum of 4 courses each semester). Students will be assessed on their best two full academic years, performance in their most recent year of undergraduate study, and completion of the 10 required courses.

To be considered for admission, students must present a minimum GPA of 3.0 on the 10 required courses listed below and an overall minimum GPA of 3.0 for the most recent year of undergraduate study.

#### *Program Curriculum*

##### *First and second year*

- Biology (6 credits)
- General Chemistry (6 credits)
- Junior English (3 credits)
- Organic Chemistry (3 credits)
- Statistics (3 credits)
- Biochemistry (3 credits)
- Genetics (3 credits)
- Ecology (3 credits)
- Options (30 credits)

### Western College of Veterinary Medicine, University of Saskatchewan

#### *Admission Requirements*

A quota exists on Alberta students entering Veterinary Medicine and students with the highest standing in their pre-veterinary studies will receive preference. All university work undertaken is considered when the University evaluates academic performance. The course load of the applicant is a consideration. Students who have not taken a full course load, 30 credits for an academic session, could be at a disadvantage when evaluating academic performance.

#### *Program Curriculum*

##### *First and second year*

- Biochemistry (3 credits)
- Biology (6 credits)
- General Chemistry (6 credits)
- Junior English (6 credits)
- Genetics (3 credits)
- Mathematics or Statistics (6 credits)
- Microbiology (3 credits)
- Organic Chemistry (3 credits)
- Physics (3 credits)
- Options (21 credits)



## Science, University Transfer Combined Degrees

### BACHELOR OF SCIENCE (SPECIALIZATION IN SCIENCE AND EDUCATION)

### BACHELOR OF EDUCATION (SECONDARY), COMBINED DEGREE

The University of Alberta Faculties of Science and Education offer a combined degrees program that is more structured than a Bachelor of Science degree followed by a Bachelor of Education After-Degree (a six-year route). This combined degree program is less flexible in course choice and scheduling as it is designed to meet the minimum requirements of both degrees in five years. In addition, the program must meet teacher certification requirements within the five-year time frame. Students spend the first two years of this five-year program registered in Bachelor of Science. After completing first year at GPRC, students apply to the University's Faculty of Science for admission to year two. Continuation in the combined degree program requires a GPA of at least 2.3 in each Fall/Winter of the five-year program.

To accommodate the variety in subject studies needed in secondary school teaching, students in the combined degrees program will select both a major and minor from the following areas:

#### Biological Sciences

Biology, Botany, Entomology, Genetics, Immunology and Infection, Marine Science, Microbiology, Neuroscience, Paleontology, Pharmacology, Physiology, Zoology

#### Physical Sciences

Astronomy, Chemistry, Mathematical Physics, Physics

#### Mathematical Sciences

Computer Science, Mathematics, Statistics and Applied Probability

#### *Admission Requirements*

Admission to our programs in Science requires a minimum overall average of 60 percent in the following five Alberta Education courses or equivalents. For course groups, refer to the [Classification of Alberta Education Courses](#).

- English 30-1
- Mathematics 30-1
- One from Group A, B, or C
- Two from Group C

It is essential that you check and plan so that you have the appropriate prerequisites for the courses that you require in your program.

#### *Mature Student Admission*

If you are 21 years of age or older and do not have a high school diploma, you may still be eligible for admission as a Non-Matriculated Adult.

Admission to the University of Alberta BSc Program requires an overall average of 60 percent on the following three courses:

- Mathematics 30-1
- Two of Biology 30, Chemistry 30, Mathematics 31, Physics 30.

Regardless of admission requirements, you must still have the grade 12 subjects specified as prerequisites to the courses you are required or wish to take in your program.

## University Transfer, Science

**Program Curriculum****Physical Sciences Major/Biological Sciences Minor****Physical Sciences Major/Mathematical Sciences Minor**

- BI1070 and BI1080
- CH1010 and CH1020
- Junior English (3 credits)
- MA1130 and MA1150
- PC1240 and PC1260
- ED2510

**Mathematical Sciences Major/Physical Science Minor**

- BI1070 and BI1080
- Junior English (3 credits)
- MA1130, MA1150 and MA1200
- ST1510
- ED2510
- Science Options (6 credits), chosen from Chemistry or Physics

**Mathematical Sciences Major/Biological Sciences Minor**

- BI1070 and BI1080
- Junior English (3 credits)
- MA1130, MA1150 and MA1200
- ST1510
- ED2510
- Physics or Chemistry at the 1000-level (6 credits)

**Biological Sciences Major/Mathematical Sciences Minor***Year One*

- BI1070 and BI1080
- CH1010 and CH2610
- Junior English (3 credits)
- MA1130
- ED2510
- Math Option (3 credits), chosen from MA1150, MA1200 or ST1510
- Arts Options (6 credits)

*Year Two*

- BI2070 and BI2080
- BC2000
- Junior English (3 credits)
- Math at a 2000-level (6 credits)
- Art Option (3 credits)
- Biology at a 2000-level (6 credits)
- Math Option (3 credits), chosen from MA1150, MA1200 or ST1510

This specialization requires specific sequencing to stay at GPRC for two years. Speak with an advisor prior to registering.

**Biological Science Major/Physical Sciences Minor***Year One*

- BI1070 and BI1080
- CH1010 and CH2610
- Junior English (3 credits)
- MA1130 and MA1150
- PC1240 and PC1260
- ED2510

*Year Two*

- BI2070 and BI2080
- BC2000
- CH1020
- Junior English (3 credits)
- CH2630
- Biology at a 2000-level (6 credits)
- Arts Options (6 credits)

**Additional Information****Bachelor of Education Elementary and Secondary Routes**

The University of Alberta also offers students a 4-year Bachelor of Education degree program, in either the Elementary or Secondary Routes. Students interested in pursuing the Secondary Route have the option to major and minor in separate science disciplines. Please refer to the Education section of this calendar for further information.

## University Transfer, Social Work

### Social Work

780-539-2964  
780-539-2995  
1-888-539-4772, ext. 2964 or 2995  
[arts@gprc.ab.ca](mailto:arts@gprc.ab.ca)

**Degree Completion**  
*University of Calgary*  
*Learning Circles Central & Northern*  
*Alberta*  
*Maximum of 4 semesters and 60 credits*  
*transfer to 4-year degree program*

**GPRC Grande Prairie**

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The Bachelor of Social Work Program delivered by the University of Calgary's Learning Circles has several unique features, including:

- Curriculum designed to ensure cultural and geographic relevance to communities in the north and rural areas,
- Innovative course content sensitive to Indigenous peoples, and aligned with traditional philosophies and knowledge systems, and
- Convenient scheduling of courses, with weekend and evening delivery and local practicum placements.

#### ***Admission Requirements***

##### **\*Two years of university transfer courses**

Students can apply to GPRC for the first two years, 60 credits, of University Transfer course work selected from a broad liberal arts and social sciences background. SW2010 Introduction to Social Work is mandatory for all incoming BSW students. Students apply to the University of Calgary for admission into third year of the program hosted at GPRC. This is a competitive program.

##### **\*Social Services Diploma**

Students may also apply for admission into this Bachelor's Degree if they have successfully completed a two-year approved Social Services Diploma. For a list of the Alberta approved social services diploma programs, please refer to the University of Calgary website. Students presenting a Diploma may require some additional arts and sciences University Transfer courses. When applying for admission to the University of Calgary, students may request admission to the program hosted at GPRC.

##### **\*After Degree**

Applicants who have successfully completed another degree, may apply for admission to this program hosted at GPRC.

##### **Other Requirements for Applicants**

All Bachelor of Social Work Learning Circles students must reside outside of Calgary, Edmonton or Lethbridge. Admission to the Bachelor of Social Work Learning Circles Program follows the basic admission requirements of the University of Calgary. Applicants require the equivalent of a minimum GPA of 2.3. All applicants are required to complete the general admissions form on-line at the University of Calgary website, as well as the Faculty of Social Work application form and required documents.

##### **Application Process**

Students are encouraged to apply early in the Winter Term for the coming Fall Intake. Deadlines are posted on the University of Calgary Faculty of Social Work webpage. Student intakes take place in the Fall for students admitted to third and fourth year. For more information about the program, or to pick up an application, contact the Bachelor of Social Work Coordinator at 780-539-2964; the Department of Arts and Education at 780-539-2995; or contact the University of Calgary directly:

## Social Work, Degree Completion

Faculty of Social Work, Learning Circles Central & Northern:

University of Calgary

[fswcnar@ucalgary.ca](mailto:fswcnar@ucalgary.ca)

(780) 492-3888

### *Graduation Requirements*

The University of Calgary sets out the admission requirements to this degree. The University also governs the degree requirements and evaluates students' eligibility for graduation. Students enrolled in university studies at GPRC must consult with the University of Calgary to ensure their course selection meets the University's requirements for admission, transfer and graduation.



## Course Descriptions

### Course Descriptions



## Course Descriptions

# Understanding Course Descriptions

## Course Selection and Availability

You are responsible for the completeness and accuracy of your registration and for completion of the specified program requirements. This requires careful attention to course selection and compliance with prerequisite and corequisite requirements. Students in university studies are advised to use the details in the Calendar and the Alberta Transfer Guide ([www.transferalberta.ca](http://www.transferalberta.ca)) to ensure their course selection will fulfill university program requirements. Courses are subject to change if program revisions are required. Not all courses are offered every year. Consult a current timetable for courses offered this academic year.

## How to Understand Course Descriptions

Courses are identified by a course code, followed by the course name, and a number identifying the credit value. Figures in parentheses indicate the number of lecture, seminar or laboratory hours per week. The UT label indicates that the course can be used for University Transfer, followed by the total number of hours and weeks. Students should pay particular attention to prerequisite and corequisite details and to course notes and transfer details that follow the course description. For example, BI1070 Introduction to Cell Biology 3 (3-1-3) UT 105 Hours 15 Weeks means the course is a Biology course in Cell Biology; it is a three-credit course meeting for three lecture hours, one seminar hour, and three laboratory hours per week for a total of 105 hours over 15 weeks; and it is transferable to one or more universities.

The lecture-seminar-laboratory hours are displayed for courses typically offered over the duration of the semester based upon a fifteen week term. When the number of weeks of study for a course typically extends beyond one semester in duration, for example EN1000 30 Weeks, or less than one semester, for example NS1910 7 Weeks, the lecture-seminar-laboratory hours per week have been adjusted for the number of weeks indicated.

Not all courses will be delivered in a typical semester-based (15-week) fashion. When courses are delivered online, in the region, for part-time access, or during spring and summer sessions, students can expect that the number of contact hours per week may vary from the information displayed here. The total contact hours should be the same.

<b>Example: BI1070 3 (3-1-3) UT 105 Hours 15 Weeks</b> <i>Introduction to Cell Biology</i>										
BI1070	3	(3	-	1	-	3)	UT	105 Hours	15 Weeks	<i>Introduction to Cell Biology</i>
Course Code	Number of Credits	Lecture Hours per Week	Seminar Hours per Week	Laboratory Hours per Week	Level of Study	Total Course Hours	Total Course Weeks	Course Title		

### 30-Week Courses

30-week (two-term) courses are identified in the course descriptions and require special attention at the time of registration. 30-week courses are normally offered over fall and winter terms but may be offered over winter and spring or spring and summer. These courses are identified in the Timetable as part A and part B. Students must register in both the part A and the part B for all types of sections offered (lectures, labs, seminars, etc.) for the specific course.

Students must register in the same section for part A and part B of a course. For example, NS3690 is a 30-week course with a lecture and a lab component. If you choose NS3690A Lecture YA2 and Lab YL1 for fall semester, you must also register in NS3690B Lecture section YA2 and NS3690B Lab section YL1 in the winter semester.

The College offers courses in a variety of subject areas. The Course Descriptions section of the calendar is organized alphabetically by course codes. The Course Codes table will help you search the course listings for subjects you may be interested in and for courses that meet your program requirements.

## Course Descriptions

### Level of Study

**CE** courses are Continuing Education courses that provide opportunity for learning outside the certificate and diploma programs offered at the College.

**HS** courses are Academic Upgrading courses with Junior or Senior High School Equivalency.

**UT/HS** courses, such as FR0120 and FR0130 are high school equivalent courses that have transfer to one or more of the Alberta universities.

**UT** courses are transferable to one or more of Alberta's degree-granting institutions. They may not be transferable to all Alberta universities.

<b>TRANSFER LEGEND</b>	
AF	Augustana Faculty, University of Alberta
AU	Athabasca University
CU	Concordia University College
CUC	Burman University (Formerly Canadian University College)
GMU	MacEwan University
KUC	King's University College
MRU	Mount Royal University
UA	University of Alberta
UC	University of Calgary
UL	University of Lethbridge
Other	Transfers in combination with other courses or to other institutions

\* An asterisk (\*) beside any transfer institution indicates important qualifying information that affects the transfer to that institution. Consult the Alberta Transfer Guide [www.transferalberta.ca](http://www.transferalberta.ca) for details.

## Course Descriptions

## Course Codes

Code	Subject
AB	Arabic
AC	Accounting
AD	Skills Development
AH	Animal Health
AN	Anthropology
AR	Art
BA	Business Administration
BC	Biochemistry
BI	Biology
CD	Early Learning and Child Care
CH	Chemistry
CP or CS	Computing or Computing Science
DA	Dance
DD	Digital Design
DR	Drama
EC	Economics
ED/EDCT Or EP	Education or Educational Psychology
EG	Engineering
EN	English
ES	Earth Science
FN	Finance
FR	French
GN	Genetics
GR	German
HD	Harley-Davidson®
HES	ThinkBIG Service Technician
HI	History
HS	Human Services
ID	Interdisciplinary Studies
ITW	Welding
LR	Legal Relations
MA	Mathematics

Code	Subject
MCM	Motorcycle Mechanics
MG	Management
MI	Microbiology
MK	Marketing
MU	Music
NS	Nursing
NT	Native Studies
OA	Office Administration
OR	Perioperative Nursing
OT	Organizational Theory
PA	Physical Activity
PALE	Paleontology
PC	Physics
PE	Physical Education
PF	Physical Fitness
PH	Philosophy
PM	Parts and Materials
PO	Political Science
POF	Power Engineering
PY	Psychology
PZ	Physiology
RL	Religion
RS	Recreational Studies
SC	Science
SL	Social Studies
SO	Sociology
SP	Spanish
ST	Statistics
SW	Social Work
TA	Educational Assistant
UC	Unit Clerk
WS	Women's Studies
ZO	Zoology



## Course Descriptions

### *Arabic*

#### **AB1110 3 (5-0-0) UT 75 Hours 15 Weeks**

##### **Beginner's Arabic I**

This is an introductory language course for those beginning the study of Arabic language and culture. It is designed to offer an initial competency in speaking, listening, reading, and writing Arabic.

Notes: Students with an Arabic-speaking background should not register in this class.

Transfer: AU, UL, UC

### *Accounting*

#### **AC3110 3 (3-0-2) UT 75 Hours 15 Weeks**

##### **Introductory Accounting**

Postulates, principles, the accounting cycle, capital and income measurement, financial statement preparation and analysis; emphasis on reporting to shareholders, creditors and other external decision makers are topics covered in this course.

Prerequisites: EC1020

Transfer: UA, UC, UL, AU, AF, CUC, GMU, KUC

#### **AC3220 3 (3-0-0) UT 45 Hours 15 Weeks**

##### **Managerial Information and Control Systems**

This course includes corporate goals, planning and control concepts, cost accumulation for pricing purposes and product costing.

Prerequisites: AC3110

Transfer: UA\*, UC, UL, AU, AF, CUC, GMU, KUC

#### **AC3510 3 (3-0-0) UT 45 Hours 15 Weeks**

##### **Intermediate Accounting I**

This course consists of an in-depth examination of the financial accounting process. Recent developments in accounting valuation and income determination and the related disclosure practices and reporting procedures as recommended by professional accounting bodies and applied in business today are emphasized. The primary focus is on a comprehensive treatment of assets and liabilities. Special topics are introduced where considered appropriate.

Prerequisites: AC3110

Transfer: UA\*, UC\*, AU, AF, CU

#### **AC3520 3 (3-0-0) UT 45 Hours 15 Weeks**

##### **Intermediate Financial Accounting II**

This course continues the in-depth analysis of generally accepted accounting principles (GAAPs) and examines complex accounting applications associated with the preparation of financial statements. The course covers four broad topics: accounting for complex long-term investments, liabilities, equity transactions, and the preparation of analysis of financial statements.

Prerequisites: AC3510

Transfer: UC\*, AU

#### **AC4600 3 (3-0-2) UT 75 Hours 15 Weeks**

##### **Principles of Auditing**

This course examines the role of the external auditor and financial reporting, the role of the internal auditor and internal control, and operational auditing.

Prerequisites: BA2110

Corequisites: BA2120

Transfer: UC\*, AU, GMU, UL

### *Skills Development*

#### **AD0101 5 (0-0-5) 75 Hours 15 Weeks**

##### **Study Skills Tutorial**

This is an individualized program of study skills, planned and supervised study time and tutorial assistance. Components of the course include developing study skills needed for success in college courses, managing and prioritizing study time and working on assignments and projects with supervised tutorial assistance for select courses.

#### **AD0102 5 (0-0-5) 75 Hours 15 Weeks**

##### **Workplace Essential Skills**

In this workshop-style course, learners will examine the rights and responsibilities of the worker as well as the employer in relation to current legislation (including Workers' Compensation, Employment Standards Code and Regulations). One focus will be to gain the attitudes, knowledge and skills related to workplace health and safety. Upon successful completion of agency exams, students will receive certificates from the Job Safety Skills Society. In addition, students will develop a resume specifically geared to obtaining part-time work while they are continuing their education.

## Course Descriptions

### ***Animal Health***

#### **AH112 2.5 (2-0-2) 64 Hours 16 Weeks**

##### **Animal Behaviour and Restraint**

Normal animal behaviour and specific behaviour problems of different species and breeds will be covered. Students will learn about human-animal bonding and basic physiological requirements of animals. The ability to handle and restrain small and large animals is taught with emphasis on safety for patient and handler. Current Behaviour and Restraint modification guidelines and procedures will be discussed.

#### **AH141 4.5 (5.5-0-0.5) 96 Hours 16 Weeks**

##### **Anatomy and Physiology I**

Students will develop proper anatomical and physiological terminology. Instruction of cellular biology and physiology will progress into an understanding of organization of cell into tissues, organs and body systems. A working knowledge of body systems will include basic components and functions, gross anatomical features, common abnormalities, interactions with other systems, surgical and diagnostic imaging considerations and location and/or palpation in live animals or cadavers. The student will learn the names, location and function of important anatomical structures in common domestic animal species with an emphasis on the application of practical anatomical knowledge required for mastery of subsequent courses in medical and surgical nursing, x-ray technology, etc.

#### **AH143 1.5 (2-0-0) 32 Hours 16 Weeks**

##### **Animal Science**

Students will become familiar with the characteristics and purposes of various breeds of small and large animals and some of the non-traditional farm animals. Animal production systems and methods of individual identification for both large and small animals will be discussed.

#### **AH145 3 (2.5-0-2) 72 Hours 16 Weeks**

##### **Office Communications and Management for the VT**

Students will develop communication and office skills to prepare them to work on the veterinary industry. Students will learn how to communicate effectively in both written and oral form. They will develop skills in office duties - basic financial transactions, filing, computer skills and inventory control. Students will develop a solid foundation of utilizing medical records to promote continuity of quality animal care.

#### **AH172 1 (1-0-0) 16 Hours 16 Weeks**

##### **Veterinary Terminology**

Proper use of medical nouns, verbs and adjectives, includes background in root words and development of prefix, suffix and plural variations. Students will learn to provide definitions of medical terms and use correct abbreviations and symbols.

#### **AH173 1 (1-0-0) 16 Hours 16 Weeks**

##### **Applied Mathematics**

Mathematical concepts that are frequently encountered by the Animal Health Technician will be covered and a working knowledge of common measurement systems and conversions is developed. Accurate calculations using correct notation and units are required.

#### **AH174 4.5 (4.5-0-3) 120 Hours 16 Weeks**

##### **Lab Procedures and Microbiology**

Students will develop proficiency in care and use of lab equipment, performing dilutions, conversions and quality control. Features of bacteria, fungi and viruses are discussed and basic microbiological agents are covered. Students will learn to group bacteria and fungi according to staining results, morphology and characteristics. Practical microbiological procedures will be performed or discussed to help differentiate common microbiological pathogens. Important veterinary infectious diseases and their clinical signs, treatment and human health implications are discussed. Case studies will be used in presentation of course material.

#### **AH240 2.5 (3.5-0-1) 72 Hours 16 Weeks**

##### **Advanced Anatomy and Physiology**

Students will develop proper anatomical and physiology terminology. Instruction of cellular biology and physiology will progress into an understanding of organization of cells into tissues, organs and body systems. A working knowledge of body systems will include basic components and functions. The inflammatory process and tissue response to disease or injury will be covered briefly. Students will receive hands-on instruction on necropsy procedures for small and large animal species. Proper collection, handling, and submission of samples and transportation of dangerous goods is discussed or demonstrated.

Prerequisites: AH141 and AH174

## Course Descriptions

**AH242 1 (1.5-0-0.5) 32 Hours 16 Weeks****Client Relations and Ethics for the VT**

Skills in personal management, professionalism, communications with clients, coworkers and employers will be taught. Students will learn to provide client education and grief counselling. The student is required to discuss relevant legislation and provisions with respect to ethics and jurisprudence. Discussion on codes of practice, animal rights are included.

Prerequisites: AH145

**AH243 1.5 (1.5-0-1) 40 Hours 16 Weeks****Laboratory and Exotic Animals**

Students will learn basic husbandry, common nursing care procedures and diseases of rabbits, rodents, birds, reptiles and other exotic animals. Human health implications of handling and working with these animals will be discussed. Students will gain a knowledge of regulations and protocols involved in working with laboratory and exotic animals. Discussion of Canadian Council on Animal Care Regulations is included.

Prerequisites: AH112, AH141, and AH172

**AH244 2.5 (3-0-0) 48 Hours 16 Weeks****Nutrition**

Instruction on basic nutritional requirements, nutrients, additives and preservatives is given. Variations in nutritional considerations for different physiological conditions and for small and large animals are discussed. Normal rations and indications for prescription or specialty diets will be identified. The student will learn to make recommendations to clients and educate them as to their animal's particular needs.

Prerequisites: AH172 and AH173

**AH245 3.5 (3-0-2) 80 Hours 16 Weeks****Parasitology**

Life cycles of significant nematodes, trematodes, cestodes, arthropods and protozoa are covered. Instruction includes pathogenesis of common veterinary parasites, treatment and control measures and human health implications. The students will learn to prepare samples and identify these parasites and their ova or oocysts using common laboratory techniques.

Prerequisites: AH141, AH173, and AH174

**AH246 1.5 (1.5-0-1.5) 48 Hours 16 Weeks****Animal Nursing I**

Proper identification, use, care and maintenance of all equipment is emphasized. Basic grooming procedures, hoof, nail, ear and eye conditions and care are taught. Students will learn about physical therapy, bandaging, splinting, casting, and wound healing. Recognition and treatment of complications of improper techniques are covered.

Prerequisites: AH112, AH141, AH143, AH145, AH172, AH173, and AH174

**AH248 0.5 (1-0-0) 16 Hours 16 Weeks****Comprehensive Preparation and Discovery I**

All students will be given a review of the courses they have completed. Students will receive special presentations, guest speakers and discussion of cases or rounds on the clinic rotations when possible.

Prerequisites: AH112, AH141, AH143, AH145, AH172, AH173, and AH174

**AH249 3.5 (3-0-3) 96 Hours 16 Weeks****Hematology**

Students are introduced to hematological procedures and will learn to identify normal blood parameters and cells. A review of the CBC in the lab and lecture will improve the student's ability to perform hematological tests. The student will learn to evaluate the erythron, leukon and hemostasis by recognizing and interpreting abnormal results and identifying possible causes of those results. Hemopoietic neoplasia is discussed. Case studies will be used extensively in presentation of course material.

Prerequisites: AH141 and AH174

**AH340 3 (3.5-0-0) 56 Hours 16 Weeks****Anesthesiology**

Instruction on the commonly used anesthetic agents will include their modes of action, human health implications and WHMIS considerations. Students will learn to perform a pre-anesthetic work up, calculate and administer pre-anesthetics, induce and maintain general anesthesia using different agents, techniques and systems. Monitoring of patients includes recognition of anesthetic stages and proper use of monitoring devices. Appropriate responses to anesthetic complications and emergencies will be covered. Appropriate analgesics and analgesic protocols will be discussed.

Prerequisites: AH141, AH174, AH240, AH242, AH246, and AH249

## Course Descriptions

**AH342 3.5 (3-0-3) 96 Hours 16 Weeks****Laboratory Procedures**

Students will develop knowledge and skills covered in previous lab courses, as well as learning to collect, prepare and evaluate samples for clinical chemistry and cytology.

Prerequisites: AH141, AH174, AH240, AH242, and AH249

**AH343 2.5 (2-0-3.5) 88 Hours 16 Weeks****Diagnostic Imaging**

Students will learn the principles of radiography, fluoroscopy, ultrasonography and endoscopy.

Identification, use, care and maintenance of equipment and supplies is covered with emphasis on safety. Students will learn to position patients, operate equipment and develop images that produce diagnostic quality results.

Prerequisites: AH141, AH240, and AH246

**AH344 1.5 (2-0-0) 32 Hours 16 Weeks****Applied Immunology**

A review of the purpose, functions and normal variations of the immune system is covered. Disorders of the immune system will be classified into broad categories and includes discussion of clinical signs, diagnostic procedures and treatment principles of some common immunological conditions. Students will learn the concepts and application of basic immunological tests and vaccination procedures.

Principles of blood grouping and transfusions are covered.

Prerequisites: AH141, AH240, AH242, and AH249

**AH345 2 (0-0-5.5) 88 Hours 16 Weeks****Clinical Procedures I**

Review of skills learned throughout the program by performing the tasks and responsibilities of an Animal Health Technician in a clinic and pharmacy setting. The student will perform reception duties, book, admit and discharge patients, perform laboratory tests, administer medications, monitor patients and discuss cases on rounds, maintain records, files and inventories and many other duties required of an Animal Health Technician in a private practice. The student is expected to demonstrate teamwork and cooperation at all times.

Prerequisites: AH141, AH173, AH240, and AH246

Corequisites: AH340, AH342, and AH348

**AH348 4 (4.5-0-0) 72 Hours 16 Weeks****Animal Nursing and Surgical Assistance for the VT**

Proper identification, use, care and maintenance of all equipment is continued. Administration of medications by different routes is taught. The student will learn techniques for venipuncture, catheterizations and urine and vaginal sample collection. Fluid therapy is covered in depth, instruction includes general nursing care of hospitalized patients, orphans, newborns, post-parturient dams, and principles of pain management. The student will be instructed on basic procedures such as vaginal exams, care of tracheotomy, pharyngostomy and chest tube sites, preparation of wounds and abscesses for treatment. The student will be able to discuss and/or perform all procedures covered and identify any common complications. Students will learn veterinary first aid procedures and emergency protocols. Humane euthanasia and maintenance of legal record and log books is covered. Identification, use, care and maintenance of surgical instruments, equipment and supplies is covered in detail. Students learn to prepare facilities, patients and equipment for surgical procedures with strict adherence to principles of sanitation and sterilization. Students will participate in surgical procedures as a surgical assistant and will learn to pass instruments, care for exposed tissue and provide suction or cautery. Students become responsible for post-operative cleanup of the patient, equipment and facilities and follow up with patient monitoring and surgical records.

Prerequisites: AH141, AH143, AH173, AH240, AH244, AH246, and AH249

**AH441 1.5 (2-0-1.5) 42 Hours 12 Weeks****Dental Procedures**

Students are expected to use proper dental terminology and identify normal tooth anatomy, function, eruption and dental formula. Students learn to instruct clients on dental home care procedures. Common dental problems and diseases are covered with emphasis on small animal and equine patients. Proper use, care and maintenance of dental equipment is covered. Principles of dental radiography are discussed. Proficiency in basic dental prophylaxis will be developed using live animals and cadavers.

Prerequisites: AH141, AH240, AH244, AH340, AH342, AH343, AH345, and AH348

## Course Descriptions

**AH442 3 (5-0-0) 60 Hours 12 Weeks****Animal Diseases**

Students will be able to discuss disease based on classification as metabolic, nutritional, inherited, toxic, endocrine or other. Common diseases of domestic animals will be discussed with respect to etiology, specific hosts, diagnostic techniques, treatment and prevention and human health implications.

Prerequisites: AH244 and AH342

**AH443 3 (5-0-0) 60 Hours 12 Weeks****Theriogenology**

Principles of cell division and inheritance are discussed. A review of anatomical and hormonal components of male and female reproduction systems prepares students to learn about breeding behaviors and common diseases or conditions of the reproductive system in various animals. Techniques used to assess or manipulate reproduction in veterinary medicine will be discussed and/or demonstrated. Instruction on gestation and parturition will be the main focus.

Prerequisites: AH172, AH240, and AH248

**AH445 3 (5-0-0) 60 Hours 12 Weeks****Pharmacy and Pharmacology**

Basic pharmacological principles are taught and students learn to recognize different groups of drugs and their basic actions. In the pharmacy, the student will become familiar with common veterinary drugs and their indications, administration and side effects or toxic actions. Legal implications of dispensing drugs and risks associated with off label or improper use are discussed. Students learn to prepare and dispense veterinary preparations and educate clients about their use.

Prerequisites: AH340, AH342, AH344, and AH348

Corequisites: AH442

**AH446 0.5 (1-0-0) 12 Hours 12 Weeks****Comprehensive Preparation and Discovery II**

This course will cover preparation for the Veterinary Technicians National Exam (VTNE). Students will receive special presentations, guest speakers and discussion of cases or rounds on the clinic rotations when possible.

Prerequisites: AH340, AH342, AH343, AH344, AH345, and AH348

**AH447 1 (0-0-40) 240 Hours 6 Weeks****Practicum**

Students will be placed, individually, in an on-the-job training position with a private veterinary practice for six weeks. The student will be evaluated by the employer according to criteria determined by the Animal Health Technology Program.

Prerequisites: Successful completion of all courses in the AHT curriculum with a minimum GPA of 2.0.

**AH455 3 (0-0-11) 132 Hours 12 Weeks****Clinical Procedures II**

Review of skills learned throughout the program by performing the tasks and responsibilities of an Animal Health Technologist in a clinic and pharmacy setting. The student will perform reception duties, book, admit and discharge patients, perform laboratory tests, administer medications, monitor patients and discuss cases on rounds, maintain records, files and inventories and many other duties required of an Animal Health Technologist in a private practice. The student is expected to demonstrate teamwork and cooperation at all times.

Prerequisites: AH340, AH342, AH343, AH345, and AH348

**AH481 1 (0-0-30) 30 Hours 1 Week****Field Trip**

The field trip may include attendance at the Animal Health Technologist Conference and/or tour of veterinary clinics and related facilities. Students will be required to cover field trip personal expenses.

Prerequisites: AH340, AH342, AH343, AH344, AH345, AH348 and students must be enrolled in Second Year courses.

**AH601 1 (9-0-9) 36 Hours 2 Weeks****Introduction to Artificial Insemination Large Animal**

This course will discuss and practice techniques of artificial insemination in cattle. Basic anatomy and procedures will be covered. Intended for Private use.

***Anthropology*****AN1010 3 (3-0-0) UT 45 Hours 15 Weeks****Introductory Anthropology**

This course studies mankind through primate and cultural evolution, symbolic systems, cultural theory and culture change.

Transfer: UA, UC, UL\*, AU, AF, CU, CUC, GMU, KUC

## Course Descriptions

**AN2060 3 (2-0-1) UT 45 Hours 15 Weeks****Introduction to Archaeology**

Basic principles of archaeology. Introduction to the nature, methods, and theory of anthropological archaeology, i.e. how archaeological remains are located, recovered, and interpreted. Emphasis in this course is on the principles of reconstruction of past societies from archaeological evidence.

Prerequisites: AN1010

Transfer: UA, UC, UL, GMU, KUC, AU, AF

**AN2070 3 (3-0-0) UT 45 Hours 15 Weeks****Introduction to Social and Cultural Anthropology**

The comparative study of human society and culture, particularly nonwestern communities, with special attention to the family, social structures, economic and political institutions, religion, and processes of change.

Transfer: UA, UC, UL\*, AU, AF, CU, CUC, GMU, KUC

**AN2190 3 (3-0-0) UT 45 Hours 15 Weeks****World Prehistory**

An introductory archaeology course that provides an overview of New and Old World prehistory; spans the earliest origins of humans, the spread of anatomically modern humans, the development of hunting and gathering societies, the origins of food production, and the emergence of ancient urban societies.

Transfer: UA, UC, UL, AU, GMU, KUC, AF

**AN2270 3 (3-0-0) UT 45 Hours 15 Weeks****Indigenous and Cultural Minorities in the Modern World**

This course examines the survival of indigenous and minority cultures in various societies. Anthropological perspectives on the relationships among race, class, culture and politics, and on genocide, ethnocide and the future of native peoples in the modern state are studied.

Prerequisites: A three-credit course in Social Science

Transfer: UA, UC, UL, AU, AF, CU, CUC, GMU, KUC

**AN2460 3 (3-0-0) UT 45 Hours 15 Weeks****Circumpolar Ethnography**

The primary aim of this course is to introduce the peoples and cultures of the North Circumpolar Region through an ethnographic and anthropological study of the traditional cultures and contemporary peoples of the Circumpolar North. The focus will be on the comparative study of indigenous Arctic and sub-Arctic societies. It will examine both the archaeological and ethnological considerations of northern societies of the Old and New Worlds.

Prerequisites: A three-credit course in a Social Science

Transfer: UA\*, UC\*, UL, AU, KUC

**AN2500 3 (3-0-0) UT 45 Hours 15 Weeks****North American Aboriginal Peoples**

This course is an ethnographic survey of First Peoples that focuses on the interplay between environment, economic, political, social and ideological systems and experience with the modern world.

Prerequisites: AN1010 or consent of the instructor

Transfer: UA\*, UC, UL, AU, AF, CU, GMU, KUC

**AN2550 3 (3-0-0) UT 45 Hours 15 Weeks****Indigenous Peoples in Canada: Contemporary Issues**

This course covers an anthropological perspective on some current situations of Indigenous peoples in Canada.

Prerequisites: A three-credit course in Social Science

Transfer: UA, UC, UL, AU, AF, CU, CUC, KUC

**AN2910 3 (3-0-0) UT 45 Hours 15 Weeks****Introduction to Race Relations**

This course examines views on the ideology of racism, which correlates human physical and socio-cultural attributes. The use of racism to organize, define and explain domination and competition is covered along with a comparative study of historical and contemporary forms of race relations in selected societies and at an international level.

Prerequisites: A three-credit course in a Social Science

Transfer: UA, UC, UL, AU, AF, CU, GMU, KUC

**Art****AR1010 3 (3-0-0) UT 45 Hours 15 Weeks****Introduction to the History of Art I**

A survey of art from Prehistory to the Renaissance. This course increases the level of understanding and appreciation of visual art and art history methods.

Transfer: UA, UC, UL, AU, AF, CU, CUC, GMU, KUC, Other

**AR1020 3 (3-0-0) UT 45 Hours 15 Weeks****Introduction to the History of Art II**

This course provides a survey of visual arts, craft and architecture from the High Renaissance to 1850.

Transfer: UA, UC, UL, AU, AF, CU, CUC, GMU, KUC, Other

## Course Descriptions

**AR1360 3 (3-0-3) UT 90 Hours 15 Weeks****Visual Fundamentals I**

A studio-based course with emphasis on the understanding of two and three dimensional design dynamics of visual form. A basic course where you will be introduced to various concepts and projects using a variety of art media. This course is the first part of a two-part course.

Notes: Audit restrictions may apply.

Transfer: UA\*, UC, UL, AU, CU, CUC, GMU\*, KUC, AF, Other

**AR1370 3 (3-0-3) UT 90 Hours 15 Weeks****Visual Fundamentals II**

A studio-based course with emphasis on the understanding of two and three dimensional design dynamics of visual form. A basic course where you will be introduced to various concepts and projects using a variety of art media. The second part of the course will build upon the knowledge of Part I and study color theory.

Prerequisites: AR1360

Notes: Audit restrictions may apply.

Transfer: UA\*, UC, UL, AU, CU, CUC, KUC, AF, Other

**AR1610 3 (3-0-3) UT 90 Hours 15 Weeks****Sculpture I**

An introductory level studio course that will introduce you to a variety of techniques and materials pertinent to sculpture. This course will stress basic design, concept and material relationships.

Notes: Audit restrictions may apply. This course is an open course without prerequisites. However, Fine Arts majors may require pre or corequisites to meet program requirements.

Transfer: UA, UC, UL, AU, AF, CU, CUC, KUC

**AR1620 3 (3-0-3) UT 90 Hours 15 Weeks****Sculpture II**

Continuation of AR1610.

Prerequisites: AR1610 or consent of the department with portfolio.

Notes: Audit restrictions may apply.

Transfer: UA\*, UC, UL, AU, AF, CU, CUC, KUC

**AR2240 6 (0-0-6) UT 90 Hours 15 Weeks****Technical Internship**

An introductory internship course that will provide you with first hand experience in the production and installation of art exhibitions in a professional art gallery setting.

Prerequisites: Completion of 1st year studies and consent of the Department

Transfer: UC, UL, CU, KUC

**AR2350 3 (3-0-3) UT 90 Hours 15 Weeks****Photography I**

An introductory studio course investigating the technical and conceptual aspects of digital photography as a contemporary art medium. Students will learn to use basic digital photographic equipment and to manipulate images.

Prerequisites: DD1380 and one of AR1370 or AR2430

Notes: Audit restrictions may apply.

Transfer: UA, UC\*, UL, AF\*, KUC

**AR2410 3 (3-0-3) UT 90 Hours 15 Weeks****Drawing I**

An introductory level studio course designed to give you a foundation in drawing primarily through the use of monochromatic media. Emphasis will be placed on the principles and techniques of drawing while simultaneously exploring expressive uses of the medium. You may work from the still life figure and landscape situations, as well as experiment with a broad range of drawing media.

Notes: Audit restrictions may apply.

Transfer: UA, UC, UL, AU, AF, CU, CUC, GMU\*, KUC, Other

**AR2430 3 (3-0-3) UT 90 Hours 15 Weeks****Drawing II**

Continuation of AR2410.

Prerequisites: AR2410

Notes: Audit restrictions may apply.

Transfer: UA, UC, UL, AU, AF, CU, CUC, GMU, KUC

**AR2560 3 (3-0-0) UT 45 Hours 15 Weeks****Art since 1945**

An in-depth investigation into the theory, practice, critical response and context of major North American and European art movements between 1945 and 1970.

Prerequisites: AR2810

Transfer: UA, UC, AF, AU, GMU, KUC\*, UL

**AR2720 3 (3-0-0) UT 45 Hours 15 Weeks****Art of the 19th Century II**

This course will examine the art of the second half of the 19th Century. The primary focus will be on the developments which lead to the emergence of the modernist trends in painting with some discussion of sculpture and architecture as time permits.

Transfer: UA, UC, UL, AU, AF, CU, CUC, KUC

**AR2810 3 (3-0-0) UT 45 Hours 15 Weeks****Twentieth Century Art I**

This course will cover the major developments in painting and sculpture which occurred during the final decades of the nineteenth century and the first half of the twentieth century.

Transfer: UA, UC\*, UL, AU, AF, CU, CUC, GMU, KUC

## Course Descriptions

**AR2830 3 (3-0-0) UT 45 Hours 15 Weeks****Canadian Art History II**

Art of Canada from the end of the 19th century to the present is examined.

Transfer: UA, UC, UL, AU, AF, CU, CUC, GMU, KUC

**AR3130 6 (3-0-3) UT 180 Hours 30 Weeks****Painting**

This course provides an introduction to the principles and techniques of studio painting. This is a two-term course offered over fall/winter terms. It is identifiable in the Schedule of Courses (Timetable) with a Part A and a Part B. Students must register in both the Part A and the Part B of all types of sections offered (sections, labs, seminars, etc.) for this course.

Prerequisites: AR1370 and AR2430 or consent of the department with portfolio

Notes: Audit restrictions may apply.

Transfer: UA, UC, UL, AU, AF, CU, KUC

**AR3380 3 (3-0-3) UT 90 Hours 15 Weeks****Special Projects in Studio Disciplines**

Special projects in studio discipline not normally available under existing courses. The student and the instructor will determine the validity of the project.

Prerequisites: AR1370, AR2430 and one other senior studio course.

Notes: Students will provide a written, mutually agreed upon statement of intent about their proposal. The Fine Arts Department reviews and consents to the studio proposal before registration no later than June 1st.

Transfer: UA, UC, UL, AU, AF

**AR3410 3 (3-0-3) UT 90 Hours 15 Weeks****Drawing III**

Theory and practice of drawing at an intermediate level will be offered in this course.

Prerequisites: AR1370 and AR2430 or consent of the department with portfolio.

Notes: Audit restrictions may apply.

Transfer: UA, UC, UL, AU, AF, CU, CUC, GMU\*, KUC

**AR3430 3 (3-0-3) UT 90 Hours 15 Weeks****Drawing IV**

This course provides a continuation of AR3410 integrating drawing with individual studio interests.

Prerequisites: AR3410

Notes: Audit restrictions may apply.

Transfer: UA, UC, UL, AU, AF, CU, CUC, KUC

**AR3630 6 (3-0-3) UT 180 Hours 30 Weeks****Sculpture**

This is a studio course for the student who is familiar with the basic element of and principles of three dimensional design. This is a two-term course offered over fall/winter terms. It is identifiable in the Schedule of Courses (Timetable) with a Part A and a Part B. Students must register in both the Part A and the Part B of all types of sections offered (sections, labs, seminars, etc.) for this course.

Prerequisites: AR1370 and AR2430 or consent of the department with portfolio.

Notes: Audit restrictions may apply.

Transfer: UA, UC, UL, AU, AF, CU, CUC, KUC

**AR3705 3 (0-0-3) 45 Hours 15 Weeks****Portfolio Development**

A senior course which involves the creation of portfolio and projects with a fine arts interdisciplinary focus in preparation for transfer to another institution or entrance into the workplace.

Prerequisites: AR1370 and AR2430

**AR4380 3 (0-6-0) UT 90 Hours 15 Weeks****Intermediate Special Projects in Studio Disciplines I**

Studio based course at the intermediate level, independent study not normally available under existing courses. This course is geared towards the emerging artist who has developed and identified a personal working process through the previous course AR3380. The focus is on self-initiated projects and research supervised by an instructor.

Prerequisites: AR3380 and consent of the department

Notes: Students provide a written, mutually agreed upon statement of intent about their proposal. The Fine Arts Department reviews and consents to the studio proposal before registration no later than June 1st.

Transfer: UA, UC, AU, AF

**AR4390 3 (0-6-0) UT 90 Hours 15 Weeks****Intermediate Special Projects in Studio Disciplines II**

Studio based course at the intermediate level as independent study not normally available under existing courses for students who already have credit in AR4380. The focus is on self-initiated projects and research supervised by an instructor.

Prerequisites: AR4380 and consent of the Department

Notes: Students provide a written, mutually agreed upon statement of intent about their proposal. The Fine Arts Department reviews and consents to the studio proposal before registration no later than June 1st.

Transfer: UA, UC\*, AU, AF



## Course Descriptions

### ***Business Administration***

#### **BA1010 3 (3-1-0) 60 Hours 15 Weeks**

##### **Business Communications I**

This course focuses on principles of effective business communication, both written and spoken. Specific topics include improving grammar, spelling, punctuation, sentence structure and word usage, writing a research paper, documenting with APA style, and public speaking. Revision and editing process will be emphasized throughout the course.

#### **BA1020 3 (3-1-0) UT 60 Hours 15 Weeks**

##### **Business Communications II**

This course builds upon BA1010 and covers specific forms of business and employment communication: business letters and memoranda, resumes, job application letters and interviewing, formal report writing, graphic design principles, and business meetings.

Transfer: UC, AU, CU, CUC, KUC

#### **BA1040 3 (3-0-0) UT 45 Hours 15 Weeks**

##### **Small Business Entrepreneurship**

As well as examining the formulation of business plans, this course examines the function of management concerned with organization, staffing, directing, and controlling. Objectives for effective management, such as profit, service, personnel and operation, are examined. Case analysis is used to integrate course material.

Notes: Credit will be granted for only one of BA1040 or BA2910. Restricted to Personal Trainer students only.

Transfer: GMU

#### **BA1050 3 (3-0-1) UT 60 Hours 15 Weeks**

##### **Business Mathematics and Statistics**

This course emphasizes a range of mathematical calculations used in business. Students will be introduced to simple interest, compound interest, annuities, amortization, sinking funds, statistical methods, and probability theory. Practical applications will be emphasized in the course.

Transfer: AU, CUC, KUC

#### **BA1090 3 (3-0-0) UT 45 Hours 15 Weeks**

##### **Introduction to Marketing**

This course provides an introduction to the field of marketing. The principles of product, price, promotion, and place along with understanding customer's needs are covered.

Transfer: UA, UC\*, UL, AU, AF, CU, CUC, GMU, Other

#### **BA1110 3 (3-0-2) UT 75 Hours 15 Weeks**

##### **Introduction to Accounting**

This course provides an introduction to accounting procedures and statements and their underlying concepts and principles. Within this framework, accounting practice is integrated with the development of accounting information for effective decision-making.

Notes: BA1110 and BA1120 equal UT(3).

Transfer: UC, GMU, Other

#### **BA1120 3 (3-0-2) UT 75 Hours 15 Weeks**

##### **Principles of Accounting**

The course provides further examination of accounting procedures and their underlying concepts and principles. Additional standards and problems of valuation, income measurement, and disclosure in financial statements are introduced.

Prerequisites: BA1110

Notes: BA1110 and BA1120 equal UT(3).

Transfer: Other

#### **BA1150 3 (3-0-1) UT 60 Hours 15 Weeks**

##### **Introduction to Computers in Business**

This course is a practical introduction to the software applications most commonly used in business. Students will develop a basic working knowledge of a desktop operating system and a suite of business software applications that will include file management, word processing, spreadsheet, presentation and database management.

Transfer: UL\*, AU\*, CUC, GMU, Other

#### **BA1380 3 (3-0-0) UT 45 Hours 15 Weeks**

##### **Organizational Behavior I**

The organization of human productive energy is the central focus of this introductory course. Themes of balancing task, relationship requirements and the needs of the organization with those of the individual are stressed. Specific topics include: perception, personality, values, attitudes, motivation, group behaviour, and teamwork.

Transfer: UL, AU, Other

#### **BA1540 3 (3-0-1) UT 60 Hours 15 Hours**

##### **Introduction to Business Microeconomics**

The nature of microeconomic systems are examined in relation to the function of markets, market failure and consumer utility, the costs of production, pricing under competitive and monopolistic conditions, markets for the factors of production and selected topics in analysis and policy. Current economic problems will be discussed throughout the course.

Transfer: AU, UL

## Course Descriptions

**BA2000 3 (3-1-0) UT 60 Hours 15 Weeks**

**Contemporary Issues in Business**

Through a seminar approach, this course explores the many ethical dimensions of business and includes a major group project for which class time is allotted.

Prerequisites: Business Administration Certificate or consent of instructor

Transfer: AU, GMU

**BA2010 3 (3-0-0) UT 45 Hours 15 Weeks**

**Advertising and Sales Promotion**

The course focuses on the formulation, implementation and evaluation of advertising and sales promotion programs.

Highlighted are the practicalities of media selection, local resource availability, budgets, and measures of effectiveness.

Prerequisites: BA1090 or consent of instructor

Transfer: AU, GMU

**BA2030 3 (3-0-0) UT 45 Hours 15 Weeks**

**Finance I**

The objectives of financial management and the related role and responsibilities of the financial manager are explored.

The approach is practical in nature with references to the development of theories in finance. The various sources of funds for a firm are explored using a corporate framework.

Prerequisites: BA1120

Transfer: UL, CUC, KUC, Other

**BA2040 3 (3-0-0) UT 45 Hours 15 Weeks**

**Investment Fundamentals**

This course covers the basic principles of investment and taxation. The course explores the structure of personal taxation including the calculations of income deductions and credits. The fundamental investment concept of risk and return, and different types of investment products available in the market place are topics included in this course.

Prerequisites: BA1050 and BA1110, or consent of instructor

Transfer: AU, GMU, UL

**BA2060 3 (3-0-2) UT 75 Hours 15 Weeks**

**Statistics for Business**

This is an introduction to the use of random variables, descriptive statistics, probability, the binomial and normal probability distributions, estimation, small and large sample theory, analysis of variance, tests of hypotheses, regression analysis, forecasting, time series and linear programming is provided. Practical applications are emphasized in the course.

Prerequisites: BA1050 or consent of the instructor

Transfer: AU, CUC, GMU, KUC\*, UL\*

**BA2070 3 (3-0-0) UT 45 Hours 15 Weeks**

**Personal Selling**

This course is designed to familiarize students with the principles, concepts and terminology of personal selling.

Lectures examine the sales process, paying particular attention to developing a relationship approach to the sales transaction. Students will participate in a marketing project that will allow them to experience the process of prospecting, presenting and closing the sale.

Prerequisites: BA1090 or consent of instructor

Transfer: AU, GMU

**BA2080 3 (3-0-0) UT 45 Hours 15 Weeks**

**Retailing and Merchandising**

The course examines the field of retailing and merchandising from a practitioner's point of view. Mixing lectures with case studies and the examination of existing retail sites, an understanding of the concepts of retailing, merchandising, store layout and design are developed.

Some different approaches to retailing, customer services and entrepreneurship are also discussed. Guest lecturers will be used where appropriate.

Prerequisites: BA1090 or consent of instructor

Transfer: AU, CUC, GMU, KUC

**BA2090 3 (3-1-0) UT 60 Hours 15 Weeks**

**Marketing Project Management**

Utilizing a nontraditional methodology, student groups form businesses that research, implement and carry out marketing activities for community charities. The ongoing term project emphasizes how various components of the marketing mix and the environment are integral to the process of strategic and operational planning. Strategic marketing planning, product strategies, pricing objectives, channel conflict and cooperation problems, distribution systems, and the integrated promotional mix are topics which are interpreted from a "hands on" practitioner's point of view.

Prerequisites: Business Administration Certificate or consent of instructor

Transfer: UL, AU, CUC, GMU, Other

## Course Descriptions

**BA2100 3 (3-0-0) UT 45 Hours 15 Weeks****Not-for-Profit Marketing and Public Relations**

This course applies the basic marketing principles and practices to the operation of a Not-for-Profit Organization. Concepts covered include: forming a board, feasibility, management, the business plan, volunteer organization, sponsorships, and fund raising. The course also explores the principles and practices of Public Relations as they apply to both the profit and not-for-profit sectors. Students participate in projects where they apply skills and knowledge learned in the course.

Prerequisites: BA1090 or consent of instructor

Transfer: GMU, UL, CU

**BA2110 3 (3-0-2) UT 75 Hours 15 Weeks****Intermediate Accounting I**

The course is an in-depth examination of financial accounting topics. Recent developments in accounting valuation and income determination and the related disclosure practices and reporting procedures, as recommended by professional accounting associations and applied in business today, are emphasized. The primary focus is on a comprehensive treatment of assets and liabilities. Special topics are introduced where considered appropriate.

Prerequisites: BA1110 and BA1120 or AC3110

Transfer: UL, AU, CUC, KUC

**BA2120 3 (3-0-2) UT 75 Hours 15 Weeks****Intermediate Accounting II**

This course continues the in-depth examination of financial accounting introduced in BA2110. Issues in accounting valuation and income determination and the related disclosure practices and reporting procedures, as recommended by professional accounting associations and applied in business today, are emphasized. The focus is on the capitalization of Canadian corporations and the individual reporting problems associated with corporate income taxes, pensions, leases and the Statement of Cash Flow. The application of accounting concepts to these special areas is discussed.

Prerequisites: BA2110

Transfer: UL\*, AU, CUC, GMU, KUC

**BA2130 3 (3-0-2) UT 75 Hours 15 Weeks****Cost Accounting I**

This is the first of a two part, in-depth course examining the concepts of cost and managerial accounting. Major topics include the following: cost-volume profit-analysis, relevant costs and short-term decision making, responsibility accounting, standard costing and variance analysis, and product costing and cost flow.

Prerequisites: BA1120

Transfer: UL, Other

**BA2140 3 (3-0-2) UT 75 Hours 15 Weeks****Cost Accounting II**

This course is the second of a two part, in-depth course examining the concepts of cost and managerial accounting initiated in BA2130. Topics include the following: cost-volume-profit analysis, relevant costing and short-term decision making.

Prerequisites: BA2130

Transfer: UA\*, UL, AU, AF, CUC, KUC, Other

**BA2160 3 (3-0-2) UT 75 Hours 15 Weeks****Taxation**

The course covers basic principles of the Canadian income tax system, structure of the Income Tax Act, and the application of rules and procedures surrounding the determination of tax liability. Both individual and corporate taxpayers are considered.

Prerequisites: BA1120 or consent of instructor

Notes: This course cannot be taken for credit if credit has already been obtained in AC3010.

Transfer: UL, AU, CUC, KUC

**BA2190 3 (3-0-0) UT 45 Hours 15 Weeks****Consumer Behavior**

The solution to marketing problems rests in sound analysis of consumer behavior. Using the case method, you will find a practical outlet for quantitative and qualitative consumer analysis tools. Cases will explore both goods and services marketing in both industrial and consumer environments.

Prerequisites: BA1090 or consent of instructor

Transfer: UL, AU, CUC, GMU, KUC

**BA2200 3 (3-0-0) UT 45 Hours 15 Weeks****Marketing Research**

The student will learn how to identify, structure, and solve marketing problems in this course. Working with a "real world" client, the student will design, implement and report on a decisional research project. This project will allow the student to apply the marketing research theory covered in the course.

Prerequisites: BA1050 and BA1090, or consent of instructor

Transfer: AU

## Course Descriptions

**BA2230 3 (3-0-0) UT 45 Hours 15 Weeks****Finance II**

This course is a study of the objectives of financial management and the related role and responsibilities of the financial manager. The approach is practical in nature with references to the development of theories in finance. The various applications of funds by the firm are explored in this sequential course using a corporate framework.

Prerequisites: BA2030

Transfer: UL, GMU, Other

**BA2240 3 (3-0-0) UT 45 Hours 15 Weeks****Human Resource Management**

This course provides an overview of the human resource function in contemporary business. Specifically, the topics covered include: the legal aspects of HR, HR planning, job analysis and design, recruitment and selection, training and development, performance management, compensation and benefits, employee relations, and health and safety.

Transfer: UA, UC\*, UL, AU, AF, CU, CUC, GMU, KUC

**BA2270 3 (3-0-0) UT 45 Hours 15 Weeks****Business Ethics**

This course examines business ethics from an organizational, managerial, and employee perspective. Ethical and moral aspects of business conduct by both individuals and the entire organization will be explored. To develop ethical reasoning and ethical leadership, students will discuss issues and debate various topics such as creating an ethical climate in an organization, honesty, environmental ethics, ethics in advertising and sales, financial management, personnel management, and changing expectations and public perceptions regarding corporate ethics and social responsibility.

Transfer: AU, UA, AF, UC, UL

**BA2310 3 (3-0-1) UT 60 Hours 15 Weeks****Foundations of Real Estate Appraisal**

This course examines the theory and fundamentals underlying the valuation of real estate. Land rights, property utility, physical improvements, restrictive uses, and other factors that make up value are discussed. Approaches of appraisal are explored with a description of the three most common techniques of establishing value: the market approach, the cost approach and the income approach. Also the basic principles underlying real estate valuation such as the principle of highest and best use, the principle of substitution, the principle of contribution, and the economic forces underlying real estate values are discussed.

Prerequisites: BA1050 or consent of instructor

Transfer: UA, AF, AU\*, GMU

**BA2390 3 (3-0-0) 45 Hours 15 Weeks****Organizational Behaviour II**

Building on BA1380, this course further examines the human side of enterprise including innovations in the field which are designed to better meet the needs of people and organizations. Topics include power and politics, conflict and negotiation, organizational culture, leadership, decision making and ethics, organizational structure, and organizational change.

Prerequisites: BA1380 or equivalent

**BA2500 3 (3-0-2) UT 75 Hours 15 Weeks****Computer Applications for Accounting**

Building on the theory and skills developed in BA1110 and BA1150, this course explores software used for financial accounting. Practical experience with accounting and tax software packages will familiarize the student with current programs and their capabilities. A review of relational database management systems will reveal the technology behind the most widely used accounting applications. A brief look at XML will introduce newly emerging accounting technologies.

Prerequisites: BA1110 and BA1150, or consent of instructor

Transfer: UC\*

**BA2540 3 (3-0-0) UT 45 Hours 15 Weeks****Introduction to Business Macroeconomics**

The nature of macroeconomic systems is examined in relation to markets, national income analysis, aggregate demand and supply, the function of money, commercial and central banking, monetary and fiscal policy, exchange rates and the balance of payments as well selected topics in analysis and policy. Current economy-wide issues will be discussed throughout the course.

Prerequisites: BA1540

Transfer: AU, UL

**BA2550 3 (3-0-2) UT 75 Hours 15 Weeks****Computer Applications for Marketing**

Using a popular website design template, students will build a functional business website and then integrate social media applications into the site. In addition, website and social media marketing theory, strategy, tactics, and execution will be covered. Intermediate level spreadsheet applications for marketing are also addressed.

Prerequisites: BA1090 and BA1150 or consent of instructor

Transfer: AU, UC\*, GMU, UL

## Course Descriptions

**BA2620 3 (3-0-0) UT 45 Hours 15 Weeks****Accounting Information Systems**

How to develop computer-based accounting information systems and how such information systems support decision-making at all levels of management are examined in this course.

Prerequisites: BA1120 and BA1150

Transfer: AU, UL, Other

**BA2700 3 (3-0-0) UT 45 Hours 15 Weeks****Fundamentals of Personal Finance**

The communication techniques and relationship skills, as well as the psychological characteristics that influence client behaviour are topics in this course. The course covers financial statement preparation and analysis from a personal perspective, and the cash and debt management that flows from these statements. This course reviews time value of money and economic concepts applicable to the principle subject areas of financial planning.

Prerequisites: BA1050 or consent of instructor

Transfer: AU, UL

**BA2710 3 (3-0-0) UT 45 Hours 15 Weeks****Customer Service**

This course prepares students to focus on customer service. Topics include the understanding of the principles of customer service and relationship building, how to develop a positive philosophy of selling as determined by customer service principles, and the understanding of how relationship building, customer service and selling interrelate.

Transfer: GMU

**BA2730 3 (3-0-0) UT 45 Hours 15 Weeks****Personal Investing**

This course offers an overview of the customers and products involved in the financial marketplace. It introduces the student to client objectives and types. Securities, financial markets, and investment portfolios are also examined. A review of mutual funds is done focusing on the different types of funds, their fees and services, and how to select a fund.

Prerequisites: BA1050 or consent of instructor

Transfer: AU, GMU, UL

**BA2740 3 (3-0-0) UT 45 Hours 15 Weeks****Insurance and Retirement**

This course covers three main topics areas. The first topic, basics of insurance, will cover the concept of risk, the insurance industry, insurance contracts and group insurance. The second topic will cover retirement planning and management. Basics of estate planning, the final topic, will include intestacy, wills and power of attorney, probate and forms of property ownership, and family law.

Prerequisites: BA1050 or consent of instructor

Transfer: UC, AU, KUC, Other

**BA2800 3 (3-0-0) UT 45 Hours 15 Weeks****Internet Business Concepts**

This course introduces the student to conducting business online. It starts with a general examination of the Internet and e-commerce. Students will also look at business-to-consumer, business-to-business, and Government-to-Society applications of the Internet. Specific business issues related to e-commerce are examined. The course concludes by looking at the future of the Internet.

Prerequisites: BA1150 or an equivalent introductory computing course.

Second year standing and a good working familiarity with the Internet is also recommended.

Transfer: UA, UC, AU, GMU, AF, Other

**BA2810 3 (3-0-0) UT 45 Hours 15 Weeks****Internet Marketing**

Building on the concepts learned in BA2800, students will learn how to market product, services and ideas using the Internet. Particular emphasis will be placed on understanding the online consumer (both business-to-business and business-to-customer) and on strategically using the 4Ps of the marketing mix to meet customer needs.

Prerequisites: BA2800 required; BA1090 highly recommended

Transfer: UC\*, AU, GMU, Other

**BA2820 3 (0-3-0) 45 Hours 15 Weeks****Image Editing and Enhancement**

This course is a theoretical and practical introduction to digital imaging. It begins with a theoretical module on light, colour concepts, colour models, image compression formats and graphic composition. The second module involves the practical application of camera basics and the principles of photography. The third module involves the use of image editing software to prepare compositions for publication on the World Wide Web.

Prerequisites: BA1150 or equivalent. Second year standing and a good working familiarity with the Internet is also recommended.

## Course Descriptions

**BA2910 3 (3-0-0) UT 45 Hours 15 Weeks****Small Business Entrepreneurship**

This focus of this course is the establishment of small business enterprises and issues related to managing them. Managerial and strategic problems during the early years of business formation and growth are examined with emphasis on the entrepreneurial process, opportunity recognition, business planning, mobilizing resources and organization creation.

Prerequisites: BA1110 and BA1090

Corequisites: BA1120

Notes: Credit will be granted for only one of BA1040 or BA2910.

Transfer: GMU

**Biochemistry****BC2000 3 (3-0-0) UT 45 Hours 15 Weeks****Introductory Biochemistry**

An introduction to the fundamental principles of biochemistry, protein structure and function: lipids and the structure of biological membranes, nucleotides and the structure of nucleic acids, bioenergetics and the metabolism of carbohydrates, lipids, and nitrogen; the integration and regulation of cellular metabolism. This course is intended for students who require a one-term introduction to the fundamental principles of biochemistry and for students who intend to take further courses in biochemistry.

Prerequisites: CH1010 and CH2610

Notes: May not be taken for credit if credit has already been obtained in BC2030 or BC2050.

Transfer: UA, UC, UL, AU, CU, CUC, GMU, KUC\*, AF

**BC3100 3 (3-0-0) UT 45 Hours 15 Weeks****Bioenergetics and Metabolism**

This course will enable rigorous study of the molecular mechanisms in bioenergetics and metabolism: principles of bioenergetics; reactions and pathways of carbohydrate, lipid and nitrogen metabolism, and their regulation; oxidative phosphorylation and photophosphorylation; carbohydrate biosynthesis in plants; the integration and hormonal regulation of mammalian metabolism.

Prerequisites: BC2000, CH1020, and CH2630

Notes: Students with grades of less than B- in prerequisite courses require consent of department. This course may not be taken for credit if credit has already been obtained in BC2030 and BC2050.

Transfer: UA, UL, AU, GMU, KUC\*, AF

**BC3200 3 (3-0-0) UT 45 Hours 15 Weeks****Structure and Catalysis**

The relationships between structure and function in biological molecules will be illustrated in detail. The course covers the structure of proteins; techniques used to study proteins; contractile proteins and immunoglobulins as illustrations of protein function; enzyme catalysis' kinetics and regulation; structural carbohydrates and glycobiology; the structure of lipids; biological membranes and mechanisms of transport; molecular mechanisms in biosignalling.

Prerequisites: BC2000, CH1020, and CH2630

Notes: Students with grades of less than B- in prerequisite courses require consent of department. This course may not be taken for credit if credit has already been obtained in BC2030 and BC2050.

Transfer: UA, UL, AU, GMU, KUC\*, AF

**BC3300 3 (3-0-0) UT 45 Hours 15 Weeks****Nucleic Acids and Molecular Biology**

This is a comprehensive introduction to the biochemistry of nucleic acids. The course will cover the structure and properties of nucleotides and nucleic acids; DNA-based information technologies; genes and chromosome structure; molecular mechanisms in DNA replication, repair and recombination; RNA metabolism; protein synthesis and targeting; the regulation of gene expression.

Prerequisites: BC2000, CH1020, and CH2630

Notes: Students with grades of less than B- in prerequisite courses require consent of department. This course may not be taken for credit if credit has already been obtained in BC2030 and BC2050.

Transfer: UA, UL\*, AU, KUC, AF

**Biology****BI0120 5 (4-0-2) HS 90 Hours 15 Weeks****Biology Grade 11 Equivalent**

The major concepts in this course include human systems (digestion; respiration; circulation; immune, excretory and motor systems); energy and matter exchange in the biosphere; population change; photosynthesis and cellular respiration.

Prerequisites: SC0110 (Science 10) ; EN0110 (English10-1 or 10-2) or EN0120 placement; MA0110 (Math 10C) or MA0113 (Math 10-3) or MA0120 Placement. See Also Academic Upgrading Science Requirements.

## Course Descriptions

**BI0130 5 (5-0-1.5) HS 95 Hours 15 Weeks****Biology Grade 12 Equivalent**

The concepts in this course include nervous and endocrine systems; human reproduction and development; cell division, genetics, and molecular biology; populations and community dynamics.

Prerequisites: BI0120 (Biology 20); EN0120 (English 20-1 or 20-2) or EN0130 placement; MA0110 (Math 10C) or MA0123 (Math 20-3) or MA0120 placement. See also Academic Upgrading Science Requirements.

**BI1050 3 (3-0-0) UT 45 Hours 15 Weeks****The Organization and Diversity of Life**

A study of biological concepts and mechanisms illustrated by current examples of medical and environmental problems.

Notes: Bachelor of Science students will not receive credit for this course.

Transfer: UA\*, UC\*, UL, AU, AF\*, GMU, KUC\*

**BI1070 3 (3-1-3) UT 105 Hours 15 Weeks****Introduction to Cell Biology**

All life functions are based on cells, and this course will provide an introduction to cell structure and function. Major topics will include the origin of life, the development of prokaryotic and eukaryotic cell lineage, energy conversions, the compartmentation of biochemical functions within a cell and communication from cell to cell. The genetic control of cell activities is examined through methods of molecular genetic analysis and their application in genetic engineering and biotechnology.

Prerequisites: Biology 30 and Chemistry 30

Notes: BI1070 and BI1080 can be taken in either order.

Transfer: UA, UC, UL, AU, AF, CU, GMU, KUC

**BI1080 3 (3-1-3) UT 105 Hours 15 Weeks****Introduction to Biological Diversity**

This course examines the major lineages of life on Earth. It provides an overview of evolutionary principles and classification, the history of life, and the key adaptations of prokaryotes, protists, fungi, plants, and animals.

Laboratories survey the diversity of biological form and function, and introduce students to data collection and scientific writing.

Prerequisites: Biology 30

Notes: BI1070 and BI1080 can be taken in either order.

Transfer: UA, UC, UL, AU, AF, CU, GMU, KUC

**BI2010 3 (3-0-0) UT 45 Hours 15 Weeks****Cellular Biology**

The structure and functional dissection of a eukaryotic cell with emphasis on the techniques of modern cell biology. Detection of specific molecules at the ultrastructural level; plasma membrane structure and function; cytoskeletal involvement in intracellular transport, mitosis and cytokinesis; the endomembrane system, protein targeting, exocytosis and endocytosis; nuclear structure and function; cell cycle control and cancer.

Prerequisites: BI1070 and 1000-level Chemistry

Transfer: UA, UC, UL, AU, AF, CU, CUC, GMU, KUC\*, MRU

**BI2070 3 (3-1-3) UT 105 Hours 15 Weeks****Molecular Genetics and Heredity**

The course covers chromosomal and molecular basis for the transmission and function of genes. The construction of genetic and physical maps of genes and genomes. Strategies for the isolation of specific genes. Examples of regulatory mechanisms for the expression of the genetic material in both prokaryotes and eukaryotes.

Prerequisites: BI1070

Transfer: UA, UC, UL, AU, CU, GMU, KUC, AF

**BI2080 3 (3-0-3) UT 90 Hours 15 Weeks****Principles of Ecology**

Ecology is the scientific study of interactions between organisms and their environment in a hierarchy of levels of individuals, organizations, populations, communities and ecosystems. This course is designed to provide a comprehensive survey of general concepts that can stand alone or serve as preparation for advanced courses in ecology. Labs emphasize the collection, analysis and interpretation of data from ecological experiments to illustrate and complement the lecture material. Examples will be drawn from a broad range of organisms and systems.

Prerequisites: BI1080

Transfer: UA, UC\*, UL, AU, AF, CU, GMU, KUC

***Commercial Beekeeping*****BK101 1 (0-0-3) 27 Hours 9 Weeks****Basic Apiary and Field Skills**

This course addresses the practical skills needed for day-to-day commercial beekeeping operations. These include safety, truck and forklift driving and maintenance, loading and tying a truck, preparing brood chambers and assembling supers.

## Course Descriptions

**BK110 2 (1-0-4) 45 Hours 9 Weeks****Technical Woodworking**

This hands-on course is designed to give students basic skills with saws and woodworking equipment used to manufacture beehives and related equipment.

**BK122 1 (1.5-0-1) 22.5 Hours 9 Weeks****Introductory Botany**

This course is an introduction to the structures and functions of flowering plants, physiology of nectar and pollen, and crops that can be used in honey production. **BK132 3 (4-0-3) 63 Hours 9 Weeks**

**Honey Bee Biology**

This course provides an in-depth study of honey bees, their behavior and anatomy. Honey bee genetics, bee breeding and selection, and the colony will also be covered.

**BK133 1 (1.5-0-1) 22.5 Hours 9 Weeks****Introduction to Bee Disease and Management**

This is an introduction to microbiology, honey bee diseases and the integrated pest management approach to disease management.

**BK134 2.5 (2-0-6) 72 Hours 9 Weeks****Hive Management for Honey Production**

This nuts and bolts course is a practical introduction to all phases of beekeeping and honey production through the yearly beekeeping cycle.

**BK135 3.5 (16-0-16) 96 Hours 3 Weeks****Queen Rearing**

This course examines the theory behind queen rearing, management practices involved in producing queens on a commercial scale, and a substantial field experience component. Course structure: classroom learning (1 week, 32 hours) plus field trips/practicum experience (2 weeks of 32 hours each).

**BK199 1 (0-30-0) 30 Hours 1 Week****Work Experience Preparation**

This course prepares students for their beekeeping work experience. This preparation includes Standard First Aid Training, a review of agricultural work place, an overview of expected tasks and responsibilities, required record keeping and checklists, and an introduction to the student's proposed work placement and employer.

**BK200 5 (0-0-40) 920 Hours 23 Weeks****Beekeeping Work Experience**

This is a 23-week paid practical work experience; students are placed with a commercial beekeeping operation.

**BK210 1 (0-30-0) 30 Hours 1 Week****Integration and Professional Development**

This course provides an opportunity for students to integrate the theory of apiculture with their beekeeping work experience as well as the professional development experience of participating in the annual Alberta Beekeepers conference. At the conference, students will attend apiculture sessions, give a short presentation or poster session, and network with 100+ Alberta beekeepers. The course includes 10 hours of integration seminars and 20 hours of professional development.

**BK310 1 (3-0-0) 24 Hours 8 Weeks****Food Safety and Regulations for Beekeepers**

Course is a study of government regulations, policies, guidelines, standards and certifications that impact honey production, processing, marketing. Includes honey house requirements and hygiene, current issues/trends for food safety and traceability.

**BK320 3 (5-2-2) 72 Hours 8 Weeks****Business of Bees**

This course provides an overview of sound business practices in the management of an apiary. Topics include principles and practices for business start-up, budgeting, financial record keeping, computer fundamentals, information management, and resources for honey operations.

**BK331 2 (2-2-2) 48 Hours 8 Weeks****Advance Management Options for Beekeepers**

This course is an in-depth study of various contemporary options to increase production, manage bees, or increase value.

**BK332 1.5 (2-2-1) 40 Hours 8 Weeks****Product Processing, Packaging and Marketing**

A look at honey house design, processing methods, value-adding options, packaging, market trends for honey, options for selling honey and honey-related products.

**BK333 1 (0-0-33) 33 Hours 1 Week****Processing and Packaging Field Trip**

This course is a week-long field trip to major honey processing and packaging facilities in Alberta. Students will visit various commercial processors, see many packaging and value-adding options, and have the opportunity to discuss processing and packaging with industry leaders.



## Course Descriptions

**BK361 1.5 (2.5-0-2) 36 Hours 8 Weeks****Integrated Pest Management**

Focus on the integrated approach to manage pests, diseases, parasites and other threats to bees/colonies and an in-depth study of monitoring, control strategies, and the safe use and handling of chemicals used to maintain hive health.

**BK365 1 (2-0-0) 16 Hours 8 Weeks****Bees and the Environment**

This course provides a larger context for the practice of beekeeping. Topics include an overview of the industry in Canada, North America and globally, the evolution of beekeeping, the role of bees in the human food link, global issues and trends in beekeeping and the role of beekeepers in advocacy for bees and the environment.

*Early Learning and Child Care***CD1000 3 (3-0-0) 45 Hours 15 Weeks****Child Development I**

This is an introductory course providing insight into children's development from conception to age two. This course provides an overview of principles, domains, and major theories of children's development and influences on development during the prenatal and neonatal stages, as well as during infancy and toddlerhood. The relationship between theory and practice in infant-toddler programs is also examined.

**CD1011 2 (2-0-0) 30 Hours 15 Weeks****Introduction to Early Learning and Child Care**

This course offers a broad overview of the field of early learning and child care. Students will investigate historical factors that have shaped early childhood theory and practice and will examine a variety of program models and their goals. The roles and responsibilities of the early childhood educator and determinants of quality early childhood programs are also discussed. This course also introduces students to some of the agencies and resources that support the professional growth of early childhood educators.

Notes: Credit will be granted for CD1010 or the combination of CD1011 and CD1370

**CD1020 2 (3-0-0) 30 Hours 10 Weeks****Health, Nutrition and Safety**

This course provides the knowledge, skills and attitudes required to provide for the basic health, safety and nutritional needs of young children. Requirements for healthy and safe early childhood environments will be identified. The nutritional needs of young children will be established and appropriate menu planning strategies explored. Developmentally appropriate practices and experiences for establishing healthful attitudes in young children are also included.

**CD1045 3 (0-2-8) 126 Hours 15 Weeks Seminar, 12 Weeks Practicum****Practicum I**

This course introduces students to the field of early learning and child care. Students will observe and participate in a variety of early childhood settings and begin to integrate concepts and theories from course work with practical experience in the field. Students will attend regularly scheduled seminars throughout the practicum weeks.

Prerequisites: CD1000, CD1050, and CD1330

Notes: Number of practicum weeks and the structure of the practicum may be adjusted for regional and part-time students based upon practicum placement and student needs.

Students who choose to complete a workplace practicum in an infant toddler program must complete CD2070 Infant and Toddler Care as a prerequisite.

Students who choose to complete a workplace practicum in a school age care program must complete CD2120 School Age Care and Development as a prerequisite.

**CD1050 3 (3-0-0) 45 Hours 15 Weeks****Art, Literature and Music**

A practical course which explores children's art, literature and music from a child-centred perspective.

**CD1100 3 (4-0-0) 45 Hours 11 Weeks****Child Development II**

This course focuses on the physical, cognitive, creative, and psychosocial development of children from 2-6 years of age and factors that contributes to individual variations in development. Theoretical perspectives and research findings that contribute to our understanding of child development will be examined, as well as their implications for practice in Early Learning and Child Care settings.

Prerequisites: CD1000 and CD1330 or consent of Department

## Course Descriptions

### **CD1145 5 (0-2-32) 272 Hours 8 Weeks**

#### **Practicum II**

This is normally an eight week practicum in an early childhood setting. Students will have the opportunity to apply theory to practice in their work with young children. Students will spend time in the Children's Centre demonstration program as a component of this practicum and will attend weekly seminars throughout the practicum weeks.

Prerequisites: All courses in Year 1 must be completed prior to taking CD1145.

Students who choose to complete a workplace practicum in a school age care program must complete CD2120 School Age Care and Development as a prerequisite. Students must successfully complete CD1350 immediately prior to taking CD1145 or have consent of the department. This applies to both on-campus and distance delivery.

Notes: Number of practicum weeks and the structure of the practicum may be adjusted for regional and part-time students based upon practicum placement and student needs.

### **CD1330 3 (3-0-0) 45 Hours 15 Weeks**

#### **Understanding Children's Play**

This course provides an introduction to the central role of play in early learning and child care settings, with an emphasis on developmentally appropriate, culturally-sensitive practices. This course focuses on a number of topics including the nature, value, and types of play, as well as important theories and issues regarding play. Students will also learn about the role of the practitioner in play, including the use of appropriate observation and documentation to understand and support children's development through play.

Prerequisites: CD1000 or consent of instructor

Corequisites: CD1000 or consent of instructor

### **CD1350 3 (4-0-0) 45 Hours 11 Weeks**

#### **Supporting Children's Play**

The adults' role in supporting young children's learning and development with an emphasis on a child-centered, play-based approach to curriculum planning will be examined in this course. Appropriate child centered routines, schedules, transitions and group times will also be discussed. The focus is on children from birth to age 6.

Prerequisites: CD1330 or consent of the department.

Notes: Credit will be granted for CD1350 or the combination of CD1150 and CD1170

### **CD1370 2 (3-0-0) 30 Hours 10 Weeks**

#### **Guiding Children's Behaviour I**

This course is designed to help students understand children's behaviour and what it means to use a positive guidance approach in supporting children's social, emotional, and moral development. Environmental and developmental factors which influence behaviour are examined, as are the principles of the guidance approach and ways in which these principles can be applied in early learning and child care settings.

### **CD2000 2 (2-0-0) 30 Hours 15 Weeks**

#### **Child Development III**

This course focuses on the temperament of young children, their personality and emotional development. Students will also examine the development of self concept and self esteem during the early childhood years and the adult's role in each of these areas of development.

Prerequisites: Successful completion of first year or consent of the Department

### **CD2020 2 (4.5-0-0) 30 Hours 7 Weeks**

#### **Environments for Young Children**

This course focuses on how the child's physical environment supports social, cognitive, physical and emotional development through the early childhood years. Students will analyze specific components of high quality environments for young children and will learn important principles that can be applied to the design of indoor and outdoor play environments for preschool children.

Prerequisites: Successful completion of first year

Notes: Students must successfully complete CD2020 immediately prior to taking CD2145.

### **CD2045 4 (0-2-28) 182 Hours 7 Weeks Seminar, 6 Weeks Practicum**

#### **Practicum III**

This is normally a six week practicum in a community early childhood setting such as a child care center, nursery school, kindergarten, family day home or a special placement such as a play program for children in a woman's shelter or an early intervention program. Students will attend weekly seminars throughout the practicum weeks.

Prerequisites: Certificate in Early Learning and Child Care, CD2050, HS1217, and CD2380. Students who choose to complete a workplace practicum in a school age care program must complete CD2120 as a prerequisite.

Notes: Number of practicum weeks and the structure of the practicum may be adjusted for regional and part-time students based upon practicum placement and student needs.

## Course Descriptions

**CD2050 3 (5.5-0-0) 45 Hours 8 Weeks****Science, Math and Social Knowledge**

This course introduces students to science, mathematical and social knowledge. The course emphasis is on integrating social, physical and logical mathematical experiences in the preschool child's environment. Students learn to use developmentally appropriate curriculum to facilitate the young child's construction of knowledge in these areas.

Prerequisites: Successful completion of first year or consent of the Department

**CD2070 2 (3-0-0) 30 Hours 10 Weeks****Infant Toddler Care**

A practical course which examines the characteristics of quality programs for infants and toddlers and explores programming techniques which respond to the individual and group needs of children up to 36 months of age. The focus of this course is on developing an awareness of the critical importance of care and interaction in the lives of infants and toddlers.

**CD2080 2 (4.5-0-0) 30 Hours 7 Weeks****Interpersonal Communications II**

This course further explores the interrelationship between self concept, self awareness and communicative processes. Strategies for dealing with stress are examined.

Prerequisites: Successful completion of first year or consent of Department

**CD2090 3 (6.5-0-0) 45 Hours 7 Weeks****Child, Family and Community**

The focus of this course is understanding families and developing an awareness of the challenges they may face. This course will examine the diversity of families, various critical issues confronting families, including their effects on children, and the role of the early childhood professional in supporting children and their families.

Prerequisites: Successful completion of first year or consent of Department

Notes: Students with credit in CD2091 will not also receive credit for this course.

**CD2110 2 (4.5-0-0) 30 Hours 7 Weeks****Working With Families**

This course focuses on a family centered approach to working with families in early childhood settings. Students will explore strategies for establishing and maintaining collaborative relationships with families and involving them in the care and education of their children.

Prerequisites: Successful completion of first year or consent of Department

Notes: Students must successfully complete CD2110 immediately prior to taking CD2145.

**CD2120 3 (5.5-0-0) 45 Hours 8 Weeks****School Age Care and Development**

This course examines the developmental characteristics of children ages 6 through 12 years and the components of high quality out of school care programs. Students will acquire the knowledge and skills to ensure that the environment, experiences and interactions meet the needs of school age children.

Prerequisites: Completion of first year or consent of Department

**CD2145 6 (0-2-28) 254 Hours 15 Weeks Seminar, 8 Weeks Practicum****Practicum IV**

Students will attend weekly seminars throughout the semester in preparation and support of this practicum. Students will design and operate an eight week program for preschool children. With the support of program instructors, students will be responsible for all aspects of a program for young children and their families.

Prerequisites: All first and second year courses in the Early Learning and Child Care curriculum and a First Aid/CPR certificate, or consent of Department

Notes: Students must successfully complete CD2020 immediately prior to taking CD2145.

**CD2380 2 (4-0-0) 30 Hours 8 Weeks****Guiding Children's Behaviour II**

This course builds on CD1370 (Guiding Children's Behaviour I) and provides an in depth exploration of factors that influence children's behaviour, as well as guidance strategies practitioners can use to build children's social competence. Emphasis is placed on the importance of the adult-child relationship as the foundation for children's social, emotional and moral development. This course also offers strategies for coping with challenging behaviours, such as bullying and for working collaboratively with parents to resolve behavioural issues.

Prerequisites: Successful completion of all first year courses or by consent of department.

## Course Descriptions

**Chemistry****CH0120 5 (4-0-2) HS 90 Hours 15 Weeks****Chemistry Grade 11 Equivalent**

Major concepts include: inorganic nomenclature; atomic structure, orbitals; ionic and covalent bonding, hydrogen bonding, metallic bonding, Van der Waal forces, ionization, electronegativity, VSEPR; solutions, stoichiometry, empirical formulas, percent composition, pH, molarity, equilibrium, Arrhenius acids and bases. Prerequisites: SC0110 (Science 10); MA0110 (Math 10C) or MA0120 placement. See also Academic Upgrading Science Requirements.

**CH0130 5 (5-0-1.5) HS 95 Hours 15 Weeks****Chemistry Grade 12 Equivalent**

Course concepts include: thermochemical changes; electrochemical changes; chemical equilibrium focusing on acid-base systems; and chemical reactions of select classes of organic compounds. Energy changes and safety are emphasized.

Prerequisites: CH0120 (Chemistry 20); MA0122 (Math 20-2), or MA0120 (Math 20-1) or MA0130 placement. Also see Academic Upgrading Admission requirements.

**CH1010 3 (3-1-3) UT 105 Hours 15 Weeks****Introductory University Chemistry I**

Lectures include stoichiometry, atomic structure and bonding, states of matter and intermolecular forces, chemistry of the elements.

Prerequisites: Chemistry 30 or equivalent  
Transfer: UA, UC, UL, AU, AF, CU, GMU, KUC, Other

**CH1020 3 (3-1-3) UT 105 Hours 15 Weeks****Introductory University Chemistry II**

Lectures include chemical kinetics, thermochemistry, thermodynamics, equilibrium, acids and bases, electrochemistry, and coordination chemistry.

Prerequisites: CH1010  
Transfer: UA, UC, UL, AU, AF, CU, GMU, KUC, Other

**CH1030 4.3 (3-1-1.5) UT 82.5 Hours 15 Weeks****Introductory University Chemistry I**

Basic chemical concepts, atomic and molecules structure, chemical bonding, behaviours of liquids, solids and gases.

Prerequisites: Chemistry 30 or equivalent  
Notes: Restricted to Engineering Students.  
Transfer: UA, UC, UL, AU, AF, CU, CUC, KUC

**CH1050 3.8 (3-1-1.5) UT 82.5 Hours 15 Weeks****Introductory University Chemistry II**

Chemical kinetics and equilibria, acid-base and solubility equilibria, electrochemistry and thermodynamics.

Prerequisites: CH1030  
Notes: Restricted to Engineering students.  
Transfer: UA, UC, UL, AU, AF, CU, CUC, KUC

**CH1640 3 (3-0-3) UT 90 Hours 15 Weeks****Organic Chemistry I**

The study of basic molecular structure and reactivity or organic compounds based on their functional groups. Introduction to nomenclature. three dimensional structure, physical properties, and reactivity of compounds of carbon. Functional groups covered will emphasize alkanes, alkenes, alkynes, alkyl halides, alcohols, and some aromatics. Examples will include hydrocarbons (petroleum products), halogenated organic compounds (e.g. pesticides), and polymers or industrial importance which may be found in everyday life.

Prerequisites: Restricted to students with 90 percent or higher in Chemistry 30  
Notes: Students who have credit in CH1010 must register in CH2610.  
Transfer: UA\*, KUC\*, AF\*

**CH2110 3 (3-0-4) UT 105 Hours 15 Weeks****Quantitative Analysis I**

The course includes the principles, methods and experimental applications emphasizing solution phase equilibria, titrimetry, volumetric laboratory skills and evaluation of experimental data. Includes examples of organic and inorganic analysis.

Prerequisites: CH1020  
Transfer: UA, UC, UL, AU, AF, CU, CUC, GMU, KUC

**CH2130 3 (3-0-4) UT 105 Hours 15 Weeks****Quantitative Analysis II**

This is a continuation of CH2110 emphasizing the principles, methods and experimental applications of separation techniques, atomic and molecular spectrometry, electrochemistry and evaluation of experimental data. Includes examples of organic and inorganic analysis, and use of the analytical literature.

Prerequisites: CH2110  
Transfer: UA, UC, UL, AU, AF, CU, CUC, GMU, KUC

## Course Descriptions

**CH2610 3 (3-1-3) UT 105 Hours 15 Weeks****Organic Chemistry I**

The correlation of structure and chemical bonding in carbon compounds with the physical properties and chemical reactivity of organic molecules. Discussion will be based on functional groups with emphasis on hydrocarbons and derivatives that contain halogens, oxygen, sulfur and the hydroxyl group. Introduction to stereochemistry, three dimensional structure, reaction mechanisms, especially addition to double bonds, nucleophilic substitution and elimination reactions, and methods of structure determination. The study covers the functional group chemistry of alkanes, alkenes, alkynes, alcohols, ethers and sulfides.

Prerequisites: CH1010 or CH1030

Notes: Credit will be granted for only one of CH1610 or CH2610.

Transfer: UA, UC, UL, AU\*, AF, CU, CUC, GMU, KUC\*

**CH2630 3 (3-1-3) UT 105 Hours 15 Weeks****Organic Chemistry II**

Continuation of the study of structural and chemical properties of the basic functional groups of organic compounds including aromatic compounds, aldehydes, ketones, carboxylic acids and their derivatives and amines. Illustration of these functional groups in natural products such as carbohydrates, amino acids and proteins, nucleic acids and lipids and discussion of the application of spectroscopic methods for structure determination in simple organic molecules.

Prerequisites: CH1610 or CH2610

Notes: Credit will be granted for only one of CH1630 or CH2630. Engineering students who take this course will receive 4.5 credits of transfer to UofA.

Transfer: UA, UC, UL, AU\*, AF, CU, CUC, GMU, KUC

**CH2750 3.8 (3-1-1.5) UT 82.5 Hours 15 Weeks****Physical Chemistry**

Chemical potential and theory of chemical equilibrium; theory of real gases and other non-ideal systems; activity and standard states. Electrochemical cells and chemical potential. Kinetic theory of gases, Maxwell-Boltzmann distribution, transport properties. Thermodynamics of surfaces including colloids; adsorption, surface tension. Simple theories of chemical kinetics and reaction mechanisms; catalysis.

Prerequisites: CH2710

Notes: Restricted to Engineering students only.

Transfer: UA\*, UL, AU, AF, CU

**CH3710 3 (3-1-3) UT 105 Hours 15 Weeks****Energetics of Chemical Reactions**

A study of the implications of the laws of thermodynamics for transformations of matter including phase changes, chemical reactions, and biological processes. Topics include: thermochemistry; entropy change and spontaneity of processes; activity and chemical potential; chemical and phase equilibria; properties of solutions; simple one- and two-compound phase diagrams. The conceptual development of thermodynamic principles from both macroscopic and molecular levels, and the application of these principles to systems of interest to chemists, biochemists, and engineers will be emphasized.

Prerequisites: CH1020 or CH1050 and MA1150 or MA1010.

Transfer: UA\*, UL, AU, CU, KUC, AF\*, Other

**CH3730 3 (3-1-3) UT 105 Hours 15 Weeks****Physical Properties and Dynamics of Chemical Systems**

A continuation of CH3710 in which the physical properties of chemical systems and the dynamics and energetics of chemical processes are discussed. Topics include: colligative properties; electrochemical cells and ion activities, implications for ionic equilibria; kinetic theory and transport properties of gases and liquids; surfaces and colloid chemistry; reaction dynamics, detailed mechanisms of chemical reactions, catalysis. The emphasis will be on the development of principles of physical chemistry and their application to properties and processes of interest to chemists, biochemists, and engineers.

Prerequisites: CH3710 or equivalent

Notes: This course may not be taken for credit if credit has already been received in CH2750

Transfer: UA\*, UL\*, AU, CU, GMU, KUC, AF\*, Other

**Computing****CP0100 3 (0-0-3) HS 45 Hours 15 Weeks****Introductory Keyboarding**

This course introduces students to computer hardware and the Windows operating system. The focus is on touch keyboarding to master alphabetic, numeric, and information copy.

## Course Descriptions

### **CP0101 3 (0-0-3) HS 45 Hours 15 Weeks**

#### **Advanced Keyboarding**

Students will continue to develop keyboarding skills by practicing touch keying. Emphasis will be placed on speed building while maintaining accuracy. In addition, students will be introduced to the basics of word processing in order to create and format simple documents; the tools and methods used to obtain information from the internet; and email as a personal and business communication tool. Prerequisites: CP0100 or proficiency keyboarding test with 15 net wpm

### **CP0105 3 (0-0-3) HS 45 Hours 15 Weeks**

#### **Computer Application I**

Beyond continuing to improve keyboarding skill, this overview course introduces principles and practices common in several software applications. Practical projects include document preparation, formatting, revision and storage.

Prerequisites: CP0101 or proficiency keyboarding test with 20 net wpm

Corequisites: EN0100 or higher, or equivalent

### **CP0110 3 (0-0-3) HS 45 Hours 15 Weeks**

#### **Computer Applications II**

This course includes not only advanced software applications but also the study of terminology and concepts related to computer hardware and software. Features and capabilities of computers will be assessed in relation to specific user needs.

Prerequisites: CP0105

### ***Computing Science***

### **CS1000 3.8 (3-0-2) UT 75 Hours 15 Weeks**

#### **Computer Programming for Engineers**

This is computer programming for solving engineering problems. Structured programming in MATLAB is included.

Transfer: UA, AU, AF, CU, CUC, KUC, UL\*

### **CS1010 3 (3-0-3) UT 90 Hours 15 Weeks**

#### **Introduction to Computing**

This course provides an overview of computing science concepts for students with little or no programming background. Topics include representation of data, machine architecture, operating system concepts, properties of algorithms and computational problems, syntax of a high-level procedural programming language, basic data types and control structures. Students do introductory programming in this course.

Notes: This course can be taken prior to, or concurrently with, CS1140. It cannot be taken for credit if credit has been previously obtained in CS1140.

Transfer: UA, UC\*, UL\*, AU, AF, GMU, KUC

### **CS1140 3 (3-0-3) UT 90 Hours 15 Weeks**

#### **Introduction to Computing Science**

An introduction to Computing Science in which you learn to solve simple problems by writing small computer programs in JAVA. This course presents a high-level object-oriented computing model based on objects as well as primitive data types, control structures and methods. It will be limited to basic elementary algorithms and techniques for constructing elegant and robust solutions to simple problems. The laboratories will offer you the opportunity to translate concepts presented in lectures into interesting application programs.

Prerequisites: Mathematics 30-1 or equivalent and previous computer knowledge

Notes: Credit will be granted for only one of CS1140 or CS1000.

Transfer: UA, UL\*, AU, AF, CU, CUC, KUC, GMU

### **CS1150 3 (3-0-3) UT 90 Hours 15 Weeks**

#### **Elementary Data Structures**

The course provides a review of programming principles (specification, implementation and testing), and an extension of object-oriented concepts from CS1140 including data abstraction, modular program construction and program reuse. The emphasis is on dynamic data structures (e.g. lists, string, stacks, queues, tables), and their associated algorithms (e.g. recursion, traversal, sorting, searching, hashing).

Prerequisites: CS1140 or CS1000

Transfer: UA, UC\*, UL\*, AU, AF, CU, CUC, KUC, GMU

### **CS2000 3 (3-0-0) UT 45 Hours 15 Weeks**

#### **Data Communications and Networking**

This course provides an introduction to computer communications and computer networks. Topics will include communication hardware and software, protocols, local area and wide area networks, and network management.

Transfer: AU, UL, KUC\*

## Course Descriptions

**CS2010 3 (3-0-3) UT 90 Hours 15 Weeks****Practical Programming Methodology**

This course introduces you to the principles, methods, tools, and practices of a professional programmer working in a rich programming environment. The lectures focus on the fundamental principles of programming methodology based on abstract data types and their implementations.

The laboratories offer an intensive apprenticeship opportunity for the aspiring software developer. You will use the programming languages C and C++ and software development tools supported by the Microsoft Windows and UNIX programming environment.

Prerequisites: CS1150

Transfer: UA, UC, UL, AU, AF, CU, GMU, KUC

**CS2020 3 (1.5-0-3) UT 67.5 Hours 15 Weeks****Technology Tools for Teaching and Learning**

This course will provide education students with the basic skills for using the most common information technology tools currently applied in schools. The types of tools include Internet tools, digital media processing, multimedia/hypermedia presentations, spreadsheets, and databases. The course offers a number of advanced modules dealing with more complex topics in these areas plus additional tools such as those for editing digital video and sound.

Transfer: UA, UC\*, UL\*, AU, AF, GMU, KUC\*

**CS2040 3 (3-0-1) UT 60 Hours 15 Weeks****Algorithms I**

The first course of a two course sequence on algorithm design and analysis stream, with the emphasis on the fundamentals such as searching, sorting and graph algorithms. Examples include divide and conquer, dynamic programming, greedy method, backtracking, and local search methods. Analysis techniques will be developed to aid in judging program efficiency.

Prerequisites: CS1150, CS2720, and MA1130 or MA1140

Transfer: UA, UC, UL, AU, AF, CU, GMU, KUC

**CS2050 3 (1-0-3) UT 60 Hours 15 Weeks****Network Systems, Management and Security**

This course will be of interest to students who want to learn how to implement, manage and troubleshoot network and server environments. Students will learn how to create and maintain network resources and develop network security policies and procedures. Topics will include network architectures and protocols (including wireless), network operating systems, Internet services, networking components (including network adapters, repeaters, hubs, switches, bridges, routers, gateways, firewalls and proxy servers), network virus protection, network backup and restoration, Windows and Linux management security.

Transfer: AU, KUC\*

**CS2100 3 (3-0-1.5) UT 67.5 Hours 15 Weeks****Computer Game Studies**

This course will act as a comprehensive introduction to the concepts and issues in new media technologies with an emphasis on computer games. Students will gain an appreciation of the broad range of perspectives which new media and games encompass, including graphics realism and aesthetics, culture, sociology, psychology, philosophy and literary studies. Ultimately, these will converge on discussions relating to current game designs and development, as well as visioning directions and medium for the next generation of games.

Transfer: UA, AU, UL, AF\*, KUC

**CS2210 3 (2-0-2) UT 60 Hours 15 Weeks****Introduction to PC Hardware and Systems Configuration**

This course introduces the fundamentals of PC hardware. Students will open up machines, install devices such as hard drives, I/O cards, video cards as well as memory, CD/DVD ROM drives, install operating systems, explore a variety of different software packages, attach communications equipment and supporting software. Topics include system hardware (e.g. motherboards, processors, storage devices, memory), device drivers, operating systems (e.g. Windows, Linux), troubleshooting and maintenance of LAN (Local Area Network)-based PC, etc.

Transfer: AU, KUC

**CS2290 3 (3-0-3) UT 90 Hours 15 Weeks****Computer Organization and Architecture I**

General introduction to number representation, architecture and organization concepts of von Neumann machines, assemble level programming, exception handling, peripheral programming, floating point computations and memory management.

Prerequisites: CS1150

Transfer: UA, UC\*, UL, AU, AF, GMU, KUC

**CS2720 3 (3-1-1.5) UT 82.5 Hours 15 Weeks****Formal Systems and Logic in Computing Science**

An introductory course to present the tools of set theory, logic and induction, and their use in the practice of reasoning about algorithms and programs. Basic set theory. The notion of a function. Counting. Propositional and predicate logic and their proof system will be studied. Inductive definitions and proofs by induction will be covered along with program specification and correctness.

Prerequisites: 1000-Level CST course

Transfer: UA, UC, UL, AU, AF, CU, CUC, GMU, KUC

## Course Descriptions

**CS2910 3 (3-0-3) UT 90 Hours 15 Weeks****Introduction to File and Database Management**

The course includes basic concepts in computer data organization and information processing; hardware, physical organization, and access methods for fine storage; file I/O; introduction to database systems.

Prerequisites: CS2010

Transfer: UA, UC, UL, AU, AF\*, CU, GMU, KUC

**CS3010 3 (3-0-2) UT 75 Hours 15 Weeks****User Interfaces**

Formerly CT2020 This course is an introduction to the theory, design and programming of modern user interfaces. Topics will include human factors; interaction design; usability; software development with graphical user interfaces (GUI) for computers, game consoles and mobile devices; input and output devices (including game controllers).

Prerequisites: CS2010

Transfer: UA\*, UC, UL, AU, KUC, AF

**CS3060 3 (3-0-3) UT 90 Hours 15 Weeks****Introduction to Image Processing**

Introduction, history, and applications; scanning and quantization; visual perception; output devices; pattern recognition; feature extraction; decision theory; classification rules; data representation and formats; image enhancement and restoration; edge detection; segmentation and texture; correlation and registration.

Prerequisites: CS1150 or CS2010

Transfer: UA\*, UC, UL, AU, KUC, AF

**CS3110 3 (3-0-3) UT 90 Hours 15 Weeks****Introduction to Computer Graphics**

Graphical input and output devices; segments; interactive input techniques; user interface design; windowing and clipping; 2D and 3D transformation; 3D modelling and viewing; hidden-line and hidden-surface removal.

Prerequisites: CS1150 or CS2010

Transfer: UA\*, UC, UL, AU, KUC, AF

**CS3120 3 (3-0-3) UT 90 Hours 15 Weeks****Experimental Robotics**

A project-based course dealing with the design and implementation of behaviour-based robots to accomplish specific tasks. Students work in groups and are introduced to concepts in sensor technologies, sensor data processing, motion control, embedded system design, real-time programming and behaviour arbitration.

Corequisites: CS2290 or CS3290

Transfer: UA\*, UC, UL, AU, KUC, AF

**CS3130 3 (3-0-3) UT 90 Hours 15 Weeks****Telecommunications and Computers**

Introduction to computer communication networks. Digital data and voice transmission. Protocols for error and flow control, media access for LANs and MANs, routing and condition control, interconnection of networks.

Introduction to recent advances in networks.

Prerequisites: CS2010 and CS2000

Transfer: UA\*, UL, AU, KUC\*, AF

**CS3290 3 (3-0-3) UT 90 Hours 15 Weeks****Computer Organization and Architecture II**

Digital circuits, combinational systems, memory, register transfer, control logic design, CPU design, and advanced topics on micro-architectures.

Prerequisites: CS2290

Transfer: UA, UC, UL, AU, AF, KUC

**CS3610 3 (3-0-2) UT 75 Hours 15 Weeks****Systems Analysis and Design**

By means of lectures and CASE studies you will be introduced to the methods used by Systems Analysts in determining the information needs of an organization. A systems development life cycle will be discussed in detail.

Prerequisites: CS1140

Transfer: AU, KUC

**CS3790 3 (3-0-2) UT 75 Hours 15 Weeks****Operating Systems**

You will be introduced to concepts and features commonly found in operating systems. Class discussion will concentrate on traditional operating system topics (processes, memory management, file systems, input/output) as well as distributed operating system topics (communication, synchronization, and distributed file systems). UNIX will be studied as an example of traditional and distributed operating systems.

Prerequisites: CS1150

Transfer: UA\*, UC, UL, AU, KUC, AF\*

**CS3990 3 (3-0-3) UT 90 hours 15 Weeks****Web Based Internet Technology**

This course introduces students to various aspects of Internet and web technologies such as HTML/XHTML, CSS, XML, and JavaScript/Java through research and project related assignments. The exact topics covered in this course will be at the discretion of the instructor.

Prerequisites: CS2010

Transfer: UA\*, UC, UL, AU, AF



## Course Descriptions

**CS3995 3 (3-0-3) UT 90 Hours 15 Weeks****Selected Topics in Computing Science**

The content of this course will include topics and issues which are currently of interest to the general computing community.

Corequisites: CS2010

Transfer: UA, AU, AF

***Dance*****DA1000 3 (2-0-2) UT 60 Hours 15 Weeks****The Spectrum of Dance in Society**

The course will present the theory and practice of dance as a human physical activity. Focus will be on the aesthetic, expressive, rhythmical dimensions of movement in a culture's artistic and social life. The study will include movement content, techniques, improvisation, and composition in a variety of dance forms including modern/creative, social, jazz, and folk dance.

Notes: Non B.P.E./B.Ed. students require consent of department.

Transfer: UA, UC, UL, AU, AF, CU, CUC, GMU, KUC

***Digital Design*****DD1021 3 (3-0-0) UT 45 Hours 15 Weeks****Popular Music in the Twentieth Century**

This course explores major movements in North American popular music. Topics include blues, jazz, hillbilly, country, musical theatre, folk, and rock music.

Prerequisites: No prerequisites, no musical knowledge or skill required

Transfer: UA, UC\*, UL, AU, AF\*, CU, KUC, GMU

**DD1081 3 (2-0-1) UT 45 Hours 15 Weeks****An Introduction To Music Technology**

This course will introduce the elements, technical systems, and architecture of music in the recording arts with emphasis on practical experience with MIDI and digital audio recording. Students will gain practical experience with microphones, mixing boards, signal processors, and digital audio workstation (DAW) software such as Pro Tools and Digital Performer. Students will explore the use of real time audio tracks in conjunctions with MIDI and virtual instruments tracks and loops.

Prerequisites: Music Theory Placement Exam (pass), or MU1000, or Grade Two Conservatory Music Theory, or equivalent

Notes: Audit restrictions may apply.

Transfer: UA, UC, AU, AF, CU, KUC, Other

**DD1082 3 (0-0-3) UT 45 Hours 15 Weeks****Introduction to Video Production**

This course provides exposure to the techniques, theories, and practices of video production. It is designed to improve and nurture students' creative potential through the video media. Students will learn how to direct with a camera, work with actors, story boarding, lighting, sound, and the production of a student video project.

Notes: Audit restrictions may apply.

Transfer: UL

**DD1085 3 (3-0-0) Pending 45 Hours 15 Weeks****Documentary Filmmaking**

This course provides exposure to the techniques, theories, and practices of documentary filmmaking. It is designed to improve and nurture students' creative potential. The course caters to multi-disciplinarian students looking to further their story telling skill-set and enhance their ability to create visual texts. The course will look at the often-blurry line between fiction and non-fiction as well as consider many different styles and approaches to telling stories through the documentary genre. Students will learn how to operate a camera, effectively shoot and execute interviews, cover events, plan a project, record professional quality sound in the GPRC studios, and learn the editing process.

**DD1160 3 (1-0-2) UT 45 Hours 15 Weeks****Digital Imagery 3D I**

This course and its sequel DD1170 are designed to give students an introduction to the theory and practice of three dimensional computer generated images (CGI). Students will learn to use existing tools for creating three dimensional images, developing personal expertise with those tools, and understanding the resulting aesthetic.

Notes: Audit restrictions may apply.

Transfer: UA\*, UL, AU, AF\*, Other

**DD1170 3 (1-0-2) UT 45 Hours 15 Weeks****Digital Imagery 3D II**

This course is a studio art course in which students will develop expertise in the creation and animation of three dimensional computer generated images (CGI). This course is project based and a continuation of DD1160. Students will continue to use existing tools for creating three dimensional images, developing personal expertise with those tools, and understanding the resulting aesthetic.

Prerequisites: DD1160

Notes: Priority will be granted to students enrolled full time in the Visual Arts Program.

Transfer: UA\*, UL, AU, AF, Other

## Course Descriptions

**DD1211 3 (0.5-0-0) 15 Hours 30 Weeks****Applied Music I**

This course provides private study in a principal instrument or voice. A brief performance for the faculty of the department is required at the end of each semester. This course is restricted to students in the Interactive Digital Design program. This is a two-term course offered over fall/winter terms. It is identifiable in the Schedule of Courses (Timetable) with a Part A and a Part B. Students must register in both the Part A and the Part B of all types of sections offered (sections, labs, seminars, etc.) for this course.

Notes: Audit restrictions may apply.

**DD1350 3 (1-0-2) UT 45 Hours 15 Weeks****Introduction to Photography**

Students will learn to use a single lens reflex (SLR) camera. The course will explore the capture, editing and printing of photographs and the creative application of photography as a fine arts medium. Familiarity with Mac computers is an asset.

Notes: Audit restrictions may apply. Students require a 35 mm SLR camera

Transfer: UC\*, UL

**DD1380 3 (2-0-4) UT 90 Hours 15 Weeks****Design Fundamentals**

A studio based introduction to the conceptual and practical concerns of design. Two dimensional design related studies.

Transfer: UA, AU, AF, KUC\*, UL

**DD1421 3 (0-0-3) UT 90 Hours 30 Weeks****Electroacoustic Ensemble I**

This ensemble is an opportunity for students to work on performance skills and to showcase their electroacoustic and multimedia works. Small ensemble work will help students develop creative compositional and improvisational skills. Students experience the process of developing and executing a large scale multimedia performance, scheduled for the second semester, and possibly a CD that represents the students' work. This is a two-term course offered over fall/winter terms. It is identifiable in the Schedule of Courses (Timetable) with a Part A and a Part B. Students must register in both the Part A and the Part B of all types of sections offered (sections, labs, seminars, etc.) for this course.

Notes: Restricted to Music Technology Diploma students.

Students in other programs require consent of instructor.

Audit restrictions may apply.

Transfer: UC, UL, UA, GMU

**DD2081 3 (2-0-1) UT 45 Hours 15 Weeks****Music Technology II**

This is a continuation of DD1081 with more emphasis on composition and production techniques. The technical systems, recording, processing, editing, and mastering of digital audio are the subjects of this course. The application of these concepts for live sound reproduction and remote recording will be explored. Students will learn more advanced features of DAW software including automated mixing, time and pitch correction, and DSP plug-ins.

Prerequisites: DD1081

Notes: Audit restrictions may apply.

Transfer: UA, AU, CU, KUC, AF, Other

**DD2082 3 (3-0-0) Pending 45 Hours 15 Weeks****Intermediate Video Production**

This course engages students in the techniques, theories, and practices of video production at an intermediate level. Building on the introductory skills taught in DD1082 (or other equivalent training), this course teaches students the detailed requirements of crew positions as well as challenges them to produce professional quality videos. It is designed to improve and nurture students' creative potential through the video media and guide students toward specialized skills. Students will work collaboratively to produce multiple video projects – engaging with all aspects of pre-production, production, and post-production. The course also includes the use of a professional audio studio as well as consultation with industry experts.

Prerequisites: DD1082

**DD2091 3 (1-0-2) UT 45 Hours 15 Weeks****Electronic Notation**

This course will develop familiarity and skills with music notation software to allow students to present their works professionally in hard copy. Concepts and practices of engraving will be discussed.

Prerequisites: MU1000 or successful completion of a music theory placement exam or Grade 2 Royal Conservatory Theory Exam and aural skills exam.

Notes: Registration priority will be given to Music Diploma, Digital Design students. Audit restrictions may apply.

Transfer: UL

## Course Descriptions

**DD2145 3 (0-0-3) 45 Hours 15 Weeks****Field Placement**

This course seeks to develop an in depth appreciation and understanding of digital design as it relates to the commercial workplace. This will provide the student with practical experience in a working environment. This course may be taken in the second year.

Prerequisites: Completion of 1st year studies and consent of the department.

**DD2180 3 (3-0-3) UT 90 Hours 15 Weeks****Time-Based Multimedia I**

An exploration of aesthetics of time based arts and technology, as applied to the visual arts. This is a studio course that will focus on using and responding to traditional and new media tools for visual communication.

Prerequisites: DD1380 or DD1082, and AR1370 or AR2430

Notes: Audit restrictions may apply.

Transfer: UA\*, UC, UL, AU, AF\*, CU, KUC

**DD2190 3 (3-0-3) UT 90 Hours 15 Weeks****Time-Based Multimedia II**

This course is an exploration of the aesthetics of time based arts and technology as applied to the visual arts. This is a studio course and as such will focus on using and responding to traditional and new media tools for visual communication.

Prerequisites: DD1082 or DD1380, and AR1370 or AR2430.

Notes: Audit restrictions may apply.

Transfer: UA\*, UC, UL, AU, AF, CU, KUC

**DD2211 3 (0.5-0-0) 15 Hours 30 Weeks****Applied Music II**

This course provides private study in a principal instrument or voice. This is a two-term course offered over fall/winter terms. It is identifiable in the Schedule of Courses (Timetable) with a Part A and a Part B. Students must register in both the Part A and the Part B of all types of sections offered (sections, labs, seminars, etc.) for this course.

Prerequisites: DD1211

Notes: Restricted to students in the Interactive Digital Design program. Audit restrictions may apply.

**DD2260 3 (2-0-4) UT 90 Hours 15 Weeks****Static Media, Vector**

Application of two-dimensional art elements applied to Digital Media: drawing, image manipulation, colour, composition and typography, using appropriate current software.

Prerequisites: DD1380 and AR1370 or AR2430

Notes: Audit restrictions may apply.

Transfer: UA\*, UL, AU, AF, Other

**DD2270 3 (2-0-4) UT 90 Hours 15 Weeks****Interactive Media I**

Application of two-dimensional design principles, practices and aesthetics to creating for the World Wide Web, within the limitations set by bandwidth and Browsers.

Prerequisites: DD1380, AR1370, and AR2430

Notes: Audit restrictions may apply.

Transfer: UA\*, UC, UL, AU, AF\*

**DD2280 3 (2-0-4) UT 90 Hours 15 Weeks****Static Media, Bitmap**

Application of two-dimensional art elements applied to Digital Media; drawing, painting, mixed materials, image manipulation, colour and composition using appropriate software. This digital media course is at the intermediate level with an emphasis on visual design and creative image solutions.

Prerequisites: DD1380, and AR1370 or AR2430

Notes: Priority will be granted to students enrolled full time in the Visual Arts Program.

Transfer: UA\*, UC, UL, AU, AF, Other

**DD2281 3 (2-0-1) UT 45 Hours 15 Weeks****Music Technology III: Live Sound Reinforcement and Capture**

This course examines the technology used in modern sound reinforcement for musical applications. Students are introduced to the essential equipment used in the sound reinforcement industry, and develop the skills and abilities necessary to set up and operate a basic PA system in a live concert setting. Mixing for FOH and foldback will be explored. In addition, students will learn how to integrate a DAW system with the live sound system to capture a live recording of an event.

Prerequisites: DD2081 or permission of the Fine Arts Department.

Transfer: UA, UC, GMU, UL

## Course Descriptions

**DD2291 3 (3-0-0) 45 Hours 15 Weeks****Music Technology IV**

This course is a continuation of Music Technology III. Students will be expected to further develop their digital design skills and work towards developing a higher level of production skills. It provides an introduction to the techniques, theories, and practices of audio and video synchronization. The emphasis is on the production of mixed and mastered recording projects. Students will be required to participate in field work, within the region, to acquire additional practical experiences.

Prerequisites: DD2281

**DD2391 3 (3-0-0) 45 Hours 15 Weeks****Composition, Film Scoring**

A course closely connected with DD1082, DD2391 is an opportunity to work with film and video, to compose in a variety of styles in controlled time segments and in both formal and non-formal structures. Students must also be familiar with a variety of styles and genres before the beginning of the class.

Prerequisites: MU1510, MU1560, MU1010, and DD1021

**DD2421 3 (0-0-3) UT 90 Hours 30 Weeks****Electroacoustic Ensemble II**

This ensemble is an opportunity for students to work on performance skills and to showcase their electroacoustic and multimedia works. Small ensemble work will help students develop creative compositional and improvisational skills. Students experience the process of developing and executing a large scale multimedia performance scheduled for the second semester. This is a two-term course offered over fall/winter terms. It is identifiable in the Schedule of Courses (Timetable) with a Part A and a Part B. Students must register in both the Part A and the Part B of all types of sections offered (sections, labs, seminars, etc.) for this course.

Prerequisites: DD1421

Notes: Restricted to Music Technology Diploma students. Students in other programs require consent of instructor. Audit restrictions may apply.

Transfer: AU, UA, GMU\*, UC, UL

**Drama****DR1010 3 (3-0-0) UT 45 Hours 15 Weeks****Introduction to Theatre Art**

The origins and development of theatre art; introduction to theatre aesthetics; group exploration of some of the craft and experience of theatre performance. Attendance at live theatre performances.

Notes: The Department will endeavor to arrange class attendance at the dress rehearsals of two local live theatre performances. Students unable to attend these rehearsals will be responsible for the admission cost of the performances.

Transfer: UA, UC\*, UL, AU, AF, CU, CUC, GMU\*, KUC, Other

**DR1020 3 (3-0-0) UT 45 Hours 15 Weeks****Play Analysis**

How do you turn a play into a theatre production? Students will analyze play scripts and use their imaginations to suggest possible ways to stage the plays, paying attention to dramaturgy, design, directing, and acting. Students will also attend live theatre performances to analyse design and directing decisions in action.

Notes: The Department will endeavour to arrange class attendance at the dress rehearsal of two local live theatre performances. Students unable to attend these rehearsals will be responsible for the admission cost of the performances.

Transfer: UA, UC\*, UL, AU, AF, CU, CUC, GMU, KUC, Other

**DR1200 3 (0-0-6) UT 90 Hours 15 Weeks****Performance I**

This is a production-based course where learning is centered on acting in a major drama production. Production will be determined by the instructor. Enrollment by audition and casting in the production. Prerequisites: DR1490 and audition, or consent of instructor based upon audition.

Notes: The course will be compressed into 8-10 weeks to correspond with the rehearsal and run time for the show.

Transfer: UA\*, UL, AU, UC\*, KUC\*, AF

## Course Descriptions

**DR1201 3 (0-0-6) UT 90 Hours 15 Weeks****Production I**

This is a practical production-dependent stage tech course tied to the Mainstage Production. Students enrolled in this course will apply knowledge from DR1910 in assisting to mount, run, and take down the mainstage show.

Prerequisites: DR1910 or consent of instructor

Notes: The course will be compressed into 8-10 weeks to correspond with the rehearsal and run time for the show.

Transfer: UA\*, UL, AU, KUC\*, AF\*, Other

**DR1490 3 (0-0-6) UT 90 Hours 15 Weeks****Introduction to the Dramatic Process**

Speech and movement improvisation with an emphasis on imaginative development will be included. It will be an introduction to the process of acting and to dramatic form.

Transfer: UA, UC\*, UL, AU, AF, CU, CUC, GMU, KUC, Other

**DR1910 3 (3-0-3) UT 90 Hours 15 Weeks****Introduction to Stagecraft**

This is an applied technical theatre course that introduces topics related to stage production. Students are introduced to the basic concepts and practices of technical theatre.

Topics may include stage management, lighting, sound, costume, props, stage carpentry and set construction, as well as theatre management structures and operations.

Components of this course may be offered as special workshops outside of class time dependent on instructor availability.

Transfer: UA\*, UL, AU, CU, CUC, KUC, AF, Other

**DR1920 3 (1-0-2) UT 45 Hours 15 Weeks****Topics in Stagecraft: Lighting and Sound**

Topics in Stagecraft courses are applied technical theatre courses that focus in depth on topics related to stage production. This course covers a variety of subjects dealing primarily with the practical use of stage/event sound and lighting. Components of this course may be offered as special workshops outside of class time dependent on instructor availability.

Prerequisites: DR1910 or consent of instructor.

Transfer: UA, UC, UL, AU, KUC\*, AF

**DR1930 3 (1-0-2) UT 45 Hours 15 Weeks****Topics in Stagecraft: Set Construction**

Topics in Stagecraft are applied technical theatre courses that focus in depth on topics related to stage production.

This course covers a variety of subjects dealing primarily with the practical set construction including building flats, practical doors and windows, and other production dependent pieces. Components of this course may be offered as special workshops outside of class time dependent on instructor availability.

Prerequisites: DR1910 or consent of instructor.

Transfer: UA\*, UC\*, UL, AU, KUC\*, AF\*

**DR2080 3 (3-0-0) UT 45 Hours 15 Weeks****Western Theatre History I**

This course explores the theory and context of European theatre from ancient Greece to the Renaissance. Topics include setting the stage, development and craft of mise-en-scene and of the relationship between the stage and the audience.

Prerequisites: DR1020

Transfer: UA\*, UC\*, UL, AU, KUC, AF\*

**DR2090 3 (3-0-0) UT 45 Hours 15 Weeks****Western Theatre History II**

This course explores the theory and context of European theatre from the Restoration to the 20th Century. Topics include acting styles, architecture, conventions of production and performance, audience and historical context of theatre.

Prerequisites: DR1020

Transfer: UA\*, UC\*, UL, AU, KUC, AF\*

**DR2200 3 (0-0-6) UT 90 Hours 15 Weeks****Performance II**

Advanced acting role in the Drama Department Mainstage production. This course encompasses the rehearsal and performance process, which will be compressed into a 8 to 10 week period. Enrollment through audition process.

Prerequisites: DR1200, DR1490, DR1020, DR2310, second year standing, and audition

Transfer: UA\*, UC, UL, AU, AF

## Course Descriptions

**DR2201 3 (0-0-6) UT 90 Hours 15 Weeks****Production II**

This is a practical production-dependent stage technician course tied to DR2200. Students enrolled in this course apply previous knowledge in an actual theatre setting supporting a major production. Students will be in the theatre (or other venues) providing technical support, which may include lighting, sound, props, set and scenery, costume handling, etc. Students in this course may be eligible for scholarship/honorarium.

Prerequisites: DR1020, DR1201, DR1910, DR1920, DR1930, and second year standing.

Transfer: UA\*, UC, UL, AU, AF\*

**DR2310 3 (0-0-6) UT 90 Hours 15 Weeks****Scene Study I**

(formerly DR3530) This is the study of acting, including the analysis and enactment of scripted scenes, and characterization.

Prerequisites: DR1490 or consent of instructor

Notes: Students with credit in DR3530 will not also receive credit for DR2310.

Transfer: UA, UC\*, UL, AU, AF, CU, KUC, Other

**DR2320 3 (0-0-3) UT 45 Hours 15 Weeks****Topics in Acting I: Voice**

The practical application of theory and technique to the practice of voice production and oral communication, building on breath and impulse.

Prerequisites: DR1490

Transfer: UA, UC, UL, AU, AF

**DR2340 3 (0-0-3) UT 45 Hours 15 Weeks****Topics in Acting II: Movement**

The practical application of theory and technique to the practice of movement on stage, building on breath, impulse, sound, and gesture.

Prerequisites: DR1490

Transfer: UA\*, UC, UL, AU, AF

**DR3210 3 (0-0-4) UT 60 Hours 15 Weeks****The Creative Process of Drama**

A practical course for education majors and those interested in using drama in a variety of educational contexts.

Applies theory to the design, practice, and evaluation of drama projects and practices across the curriculum, with a particular focus on children and youth.

Prerequisites: DR1490 or consent of instructor

Transfer: UA\*, UC\*, UL, AU, AF, CUC, KUC

**DR3310 3 (0-0-6) UT 90 Hours 15 Weeks****Scene Study II**

Advanced performance based study of acting including: the analysis and enactment of scripted scenes, character building techniques, and introduction to styles of acting.

Prerequisites: DR1490 and DR2310

Corequisites: DR2320 and DR2340

Transfer: UA, UC\*, UL\*, AU, AF

***Economics*****EC1010 3 (3-0-0) UT 45 Hours 15 Weeks****Introduction to Microeconomics**

Students will examine how markets and governments determine which products are produced and how income is distributed in the Canadian economy. Topics include supply and demand, costs, and perfect and imperfect competition.

Transfer: UA, UC, UL, AU, AF, CU, CUC, GMU, KUC\*, Other

**EC1020 3 (3-0-0) UT 45 Hours 15 Weeks****Introduction to Macroeconomics**

Employment, inflation, international payments, monetary policy, and fiscal policy, all in the Canadian economy are topics explored in this course.

Transfer: UA, UC, UL, AU, AF, CU, CUC, GMU, KUC\*, Other

**EC2810 3 (3-0-0) UT 45 Hours 15 Weeks****Microeconomic Analysis I**

The theory of consumer behavior; theory of production and cost, price and output determination under competition, monopoly and other market structures are presented.

Prerequisites: EC1010

Transfer: AU, UC, UL, CU, CUC, KUC, GMU, UA, AF

**EC3410 3 (3-0-0) UT 45 Hours 15 Weeks****Money and Banking**

The course explores the analysis of money and credit in the exchange process; the savings-investment process; commercial banking; financial intermediaries; financial markets; central banking.

Prerequisites: EC1020 or consent of instructor

Transfer: UA\*, UC, UL, AU\*, AF, CU, CUC, GMU, KUC

## Course Descriptions

### **Education**

#### **ED2000 3 (3-0-0) UT 45 Hours 15 Weeks**

##### **Educational Psychology for Teaching**

This course is designed to provide students in Education with a working knowledge of important concepts and issues in Educational Psychology. Topics to be addressed include student development, learning and instruction, student abilities, and classroom motivation. The course will focus on information related to the practice of teaching.

Transfer: UA\*, UC\*, UL, AU, AF\*, GMU, KUC

#### **ED2510 3 (3-0-4) UT 105 Hours 15 Weeks**

##### **Introduction to the Profession of Teaching**

An introductory investigation of the school context from the vantage points of students, teachers and others involved in education. The course includes 3 hours of on-campus work each week and 30-40 hours of field experience in both elementary and secondary classrooms over the term. Notes: Students are advised to free one half day in order to complete the field experience requirement. Restricted to Education students transferring to University of Alberta.

Transfer: UA\*, UC, UL\*, AU, AF\*, GMU, KUC, Other\*

#### **ED2520 1 (0-0-3) UT 30 Hours 10 Weeks**

##### **Supplementary Preliminary Practicum**

A 30 hour observation course in which student teachers are assigned to a working teacher in a classroom setting. This course is intended to supplement the practicum experience offered in ED2510.

Prerequisites: ED2510

Notes: Restricted to Education students transferring to the University of Lethbridge. ED2520 will only receive transfer credit to the U of L when used in combination with ED2510.

Transfer: Other \*

#### **ED2530 3 (3-0-6) UT 135 Hours 15 Weeks**

##### **Orientation to Teaching**

An introductory investigation of the school context from the vantage points of students, teachers, and others involved in education. The course includes 3 hours of on-campus work each week and 60-80 hours of field experience in both elementary and secondary classrooms over the term.

Notes: Students are advised to free one full day or two half days in order to complete the field experience requirement. Restricted to Education students transferring to U of L.

Transfer: UA, UC, UL\*, AF, CUC\*, KUC

#### **ED4420 3 (1.5-1.5-0) UT 45 Hours 15 Weeks**

##### **Introduction to Counselling**

This course is an introduction to counselling and guidance services and is designed to appeal to students who plan to work in the fields of psychology and mental health, rehabilitation, education and other human-service occupations. Students will be exposed to a variety of theoretical perspectives in counselling and will be assisted in acquiring basic trans-theoretical micro counselling skills. Prerequisites: ED2000 or PY1050 or equivalent

Transfer: UA, UC, UL, AU, AF, GMU

#### **ED4450 3 (3-0-0) UT 45 Hours 15 Weeks**

##### **Teaching Second Languages in the Elementary School**

An introduction to theory and practice of teaching second languages in the elementary classroom. Focus is on curricular planning, teaching methods and techniques, materials and resources and assessment. Will include a field placement in an off campus second language, immersion or bilingual classroom for one half day per week.

Prerequisites: Successful completion of the Introductory Year and a working knowledge of the language to be taught.

Transfer: UA

#### **EDCT210 3 (0-0-3) UT/CE 40 Hours 15 Weeks**

##### **Teaching Power Tools and Processes**

This course will provide training in how to teach basic power tool operations in all material areas (woods, metals, ceramics) within the context of grades 6 to 11. Emphasis will be on hazard identification, safe use and skill development as well as teaching strategies and safety instruction record keeping.

Prerequisites: Available for credit to those students already possessing Teaching Certificates. Available for audit to those possessing a Letter of Authority or candidates for a Letter of Authority.

Notes: Credit will be granted for post BEd students only in the Secondary Diploma program in the Faculty of Education at U of A.

Transfer: UA\*

#### **EDCT400 3 (3-0-0) UT/CE 39 Hours 15 Weeks**

##### **Organizing for Instruction in CTS (Practical Arts/Industrial Arts)**

Organizing instruction in a Practical Arts shop has different requirements from the conventional classroom. This course is based on group discussion, research, and evaluation of best practices in the delivery of Practical Arts programs. Assignments and projects will be undertaken by the students.

Prerequisites: Teaching Certificate

Transfer: UA\*

## Course Descriptions

**EP3020 3 (3-0-0) UT 45 Hours 15 Weeks****Learning and Development in Childhood**

This course is designed to provide students in Education who expect to work with children (ages 0-12) with a working knowledge of important concepts and issues in Educational Psychology. Students will gain an understanding of how children from diverse backgrounds develop and learn how teachers provide appropriate learning opportunities to support academic, cognitive and moral development, culture and diversity, and psychological development.

Transfer: UA, UC, UL\*

**EP3040 3 (3-0-0) UT 45 Hours 15 Weeks****Adolescent Learning and Development**

This course is designed to provide students in Education who expect to work with adolescents (ages 11-17) with a working knowledge of concepts and issues in Educational Psychology. Students will gain an understanding of how adolescents from diverse backgrounds develop and learn and how teachers provide appropriate learning opportunities to support academic, cognitive and moral development, culture and diversity, and psychological development.

Transfer: UA, UC, UL\*

### *Engineering*

**EG1000 1 (1-0-0) UT 15 Hours 15 Weeks****Orientation to the Engineering Profession I**

Definition, brief history, technical organization: formation and functions, qualifications for membership, ethics and obligations, branches and functions of engineering are presented.

Notes: Restricted to students in Engineering

Transfer: UA, AF, CU, CUC, KUC

**EG1010 1 (1-0-0) UT 15 Hours 15 Weeks****Orientation to the Engineering Profession II**

Creativity and decision-making in engineering, team approach and engineering methods of solution, challenges to engineering, a review of the present status of engineering and its place in society are all covered in the course.

Notes: Restricted to students in Engineering

Transfer: UA, AF, CU, CUC, KUC

**EG1050 3.8 (3-0-1.5) UT 67.5 Hours 15 Weeks****Engineering Design**

Engineering science and design problem solving using MATLAB.

Notes: Restricted to students in Engineering

Transfer: UA, UL\*, GMU, AF

**EG1300 4 (3-0-2) UT 75 Hours 15 Weeks****Engineering Mechanics I**

The course covers the equilibrium of planar systems. Analysis of statically determinate trusses and frames, friction, centroids and centres of gravity, forces and moments in beams, second moments of area are included.

Corequisites: MA1000

Transfer: UA, UC, UL, AU, AF, CU, CUC, KUC

**EG2650 3.5 (2-1-3) UT 90 Hours 15 Weeks****Engineering Graphics**

Sketching, drafting and interpretation of pictorials and multi views of three-dimensional objects, visual design, introduction to scales, sectioning, and dimensioning are included in the course content. Computer aided drawing and design are a requirement in this course.

Transfer: UA, UL, AU, AF, CU, CUC, KUC

### *English*

**EN0080 5 (4.5-0-3) HS 112.5 Hours 15 Weeks****Basic English II**

This is a skills development course for high school level English competency. Emphasis is on basic writing skills, reading comprehension and vocabulary development. The course content focuses on the needs of each student (for grades seven to nine reading and writing levels).

Prerequisites: Appropriate English placement test score

**EN0090 5 (4.5-0-3) HS 112.5 Hours 15 Weeks****Basic English III**

This is a skills development course for high school level English competency and a continuation of EN0080. Emphasis is on basic writing skills, reading comprehension and vocabulary development. The course content focuses on the needs of each student (for grades seven to nine reading and writing levels).

Prerequisites: EN0080

**EN0110 5 (7.5-0-0) HS 112.5 Hours 15 Weeks****English Grade 10 Equivalent**

In this course, students work to improve their reading comprehension by studying various genres including short stories, drama, poetry, and nonfiction. There will be opportunities for both oral and written expression (paragraphs and essays) with a focus on mastery of punctuation, grammar and sentence construction.

Prerequisites: EN0090 or equivalent English placement test score



## Course Descriptions

**EN0120 5 (6-0-0) HS 90 Hours 15 Weeks****English Grade 11 Equivalent**

This course includes a sampling of the major forms of literature. Both oral and written communication will be emphasized. Special attention will be paid to the planning, drafting and revising of the student essay.

Prerequisites: EN0110 or equivalent, or equivalent English placement test score

Notes: A mark of 60 percent or better in Alberta Education English 10-1, or equivalent, within the previous two years will meet the prerequisite requirement for EN0120.

**EN0130 5 (6-0-0) HS 90 Hours 15 Weeks****English Grade 12 Equivalent**

This course includes a study of the five basic forms in literature: essays, short stories, novels, drama and poetry. Both oral presentations and written compositions are required - mainly essays and one major research paper.

Prerequisites: EN0120 or equivalent, or equivalent English placement test score

Notes: A mark of 60 percent or better in Alberta Education English 20-1, or equivalent, within the previous two years will meet the prerequisite requirement for EN0130.

**EN0132 5 (6-0-0) HS 90 Hours 15 Weeks****English 30-2 Grade 12 Equivalent**

The emphasis will be on the practical use of English. Topics include communication skills, grammar and mechanics, business correspondence and meetings, research skills, critical analysis of technical documentation and other print, visual, and multimedia forms. This course is designed for students who do not require an advanced high school equivalent English.

Prerequisites: EN0110 with a grade of 70 percent or better or EN0120 placement test score.

Notes: A mark of 60 percent or better in Alberta Education English 20-1, or equivalent, within the previous two years will meet the prerequisite requirement for EN0132.

**EN1000 6 (3-0-0) UT 90 Hours 30 Weeks****Literature in English, Beginnings to the Present**

A close study of historically representative works which demonstrate the development, enlargement and experimentalism of literature in English, with some class time devoted to writing instruction. This is a two-term course offered over fall/winter terms. It is identifiable in the Schedule of Courses (Timetable) with a Part A and a Part B. Students must register in both the Part A and the Part B of all types of sections offered (sections, labs, seminars, etc.) for this course.

Prerequisites: English 30-1 or equivalent

Notes: Students may take EN1000 to fulfill requirements for most programs that specify 6 credits of first year or Junior English. Normally, no more than 6 credits of first year English or equivalent may be taken for credit.

Transfer: UC, UL, AU, GMU, KUC

**EN1050 3 (3-0-0) Pending 45 Hours 15 Weeks****Introduction to Critical Analysis**

Introduces methods of critical analysis through a range of literature in English from different historical periods, regions, and genres.

Prerequisites: English 30-1

**EN1060 3 (3-0-0) Pending 45 Hours 15 Weeks****Case Studies in Research**

Introduces methods of literary research as an in-depth process through one or more case studies.

Prerequisites: English 30-1

**EN1111 3 (3-0-0) UT 45 Hours 15 Weeks****Language, Literature, and Culture I: Prose Genres and Related Arts**

An introduction to the discipline of English and to the ways in which those in the discipline think about literature and language in various cultural contexts. Instruction in basic essay writing skills will also be included.

Notes: This course will fulfill 3 credits of requirements for most programs that specify 6 credits of first year or Junior English. Normally, no more than 6 credits of first year English or equivalent may be taken for credit.

Transfer: UA, UC, UL, AU\*, CUC, GMU, KUC, AF, Other

## Course Descriptions

**EN1112 3 (3-0-0) UT 45 Hours 15 Weeks****Language, Literature, and Culture II: Poetry, Drama, and Related Arts**

A continuation of the investigation into the discipline of English and the ways in which those in the discipline think about and analyze literature and language in various cultural contexts. Instruction in writing and researching will build on the basis skills taught in EN1111 or EN1131. Prerequisites: Strongly recommended that students complete EN1111 before taking EN1112.

Notes: This course will fulfill 3 credits of requirements for most programs that specify 6 credits of first year or Junior English. Normally, no more than 6 credits of first year English or equivalent may be taken for credit.

Transfer: UA, UC, UL, AU\*, CUC, GMU, KUC, AF, Other

**EN1201 3 (3-0-0) UT 45 Hours 15 Weeks****Composition and Rhetoric**

This course will help students become more sophisticated users and producers of written texts. Instruction will include basic academic essay writing skills and the various rhetorical approaches used when addressing specific audiences. The main goals of the course are to help students integrate reading and writing and to become familiar with the conventions of college- (and university-) level writing. This includes producing coherent, logical texts that are relatively free of surface errors. To achieve these goals, the course encourages students to think critically, to read closely and analytically, and to compose responses to a variety of texts, both written and visual.

Prerequisites: English 30-1

Notes: Normally, no more than 6 credits of first year English or equivalent may be taken for credit.

Transfer: UA\*, UC, UL, AU, AF, CU, CUC, GMU, KUC, Other

**EN1210 3 (3-0-0) UT 45 Hours 15 Weeks****Literature in Historical Perspective**

This course will introduce post-secondary students to English studies and the historical contexts that shape literature. Generally, a specific historical period will be covered and the development of various genres will be examined. Instruction will include essay writing skills. Because the course content will vary among instructors, it is strongly recommended that students consult an academic advisor or the Department of Arts and Education for more specific descriptions regarding the course focus.

Notes: Normally, no more than 6 credits of first year English or equivalent may be taken for credit.

Transfer: UC, UL, AU, CUC, GMU\*, KUC\*

**EN1220 3 (3-0-0) UT 45 Hours 15 Weeks****Texts and Contexts**

This course will explore a specific issue (to be determined by the instructor) using a variety of genres and media. Instruction will include essay writing skills. Because the course content will vary among instructors, it is strongly recommended that students consult an academic advisor or the Department of Arts and Education for more specific descriptions regarding the course focus.

Notes: Normally, no more than 6 credits of first year English or equivalent may be taken for credit.

Transfer: UC, UL, AU, GMU, KUC\*, Other

**EN1230 3 (3-0-0) UT 45 Hours 15 Weeks****Literature in Global Perspective**

This course involves studies in literatures in English from around the world. Instruction will include essay writing skills.

Notes: Normally, no more than 6 credits of first year English or equivalent may be taken for credit.

Transfer: UA, UC, UL, AU, GMU, KUC\*, AF

**EN1240 3 (3-0-0) UT 45 Hours 15 Weeks****Literary Analysis**

An introduction to the discipline of English and to the ways in which those in that discipline think about and analyze literary and everyday language practices. Various samples of literature will be examined in order to learn about the vocabulary used in literary studies. Instruction in essay writing will also be included.

Notes: Normally, no more than 6 credits of first year English or equivalent may be taken for credit.

Transfer: UC, UL, AU, CUC, GMU, KUC\*, Other

**EN2060 3 (3-0-0) UT 45 Hours 15 Weeks****The Short Story**

Representative works of writers illustrating the tradition of the short story in English are presented.

Prerequisites: Six credits of Junior English

Transfer: UA, UC, UL, AU, AF, CU, CUC, KUC

**EN2100 3 (3-0-0) UT 45 Hours 15 Weeks****Reading in Histories: History in Texts**

An introduction to the critical concepts and methods for reading literary texts historically which emphasizes the relationship between representation and history.

Prerequisites: Six credits of Junior English

Transfer: UA, AF, KUC

## Course Descriptions

**EN2180 3 (3-0-0) UT 45 Hours 15 Weeks****Textualities: Reading and Interpretation**

This course introduces the theories of reading and interpretation and the issues and debates surrounding the relationship between literary events and the reception of meanings as they bear on literary analysis.

Prerequisites: Six credits of Junior English

Transfer: UA, UC, UL, AU, AF, KUC

**EN2200 3 (3-0-0) UT 45 Hours 15 Weeks****Reading Politics: Gender and Sexuality**

The dynamics of gender and sexuality in literary and other cultural texts and the critical concepts and methods key to their study.

Prerequisites: Six credits of Junior English

Transfer: UA, UC, UL, AU, AF, KUC

**EN2230 3 (3-0-0) UT 45 Hours 15 Weeks****Reading Politics: Empire and the Postcolonial**

An introduction to the dynamics of colonization and its resistances in literary and other cultural texts and to the critical concepts and methods key to their study.

Prerequisites: Six credits of Junior English

Transfer: UA, UC, UL, AU, AF

**EN2390 3 (3-0-0) UT 45 Hours 15 Weeks****Introduction to Shakespeare**

A reading of nine plays representing the range of Shakespeare's work.

Prerequisites: Six credits of Junior English

Transfer: UA\*, UC\*, UL, AU, CU, CUC, KUC, AF\*

**EN2510 3 (3-0-0) UT 45 Hours 15 Weeks****King James Bible as Literature I**

Studies in select parts of King James Bible as pieces of literature and examining the influence of the Bible on our literary heritage.

Prerequisites: Six credits of Junior English

Transfer: UA\*, UC, UL, AU\*, KUC, AF

**EN2950 3 (3-0-0) UT 45 Hours 15 Weeks****Introduction to Creative Writing, Prose**

At an introductory level, this course emphasizes the principles and practices of writing publishable prose. Students are allowed to write in various genres aimed at traditional publication or other markets.

Prerequisites: Six credits of Junior English and consent of instructor based on some demonstrated attempt at creative prose submitted to the instructor at least 9 days before the first class.

Transfer: UA, UC\*, UL, AU, AF, CU

**EN3055 3 (3-0-0) UT 45 Hours 15 Weeks****Literature and Religion**

This course will address some closely linked topics in literature and religion mainly in the biblical tradition. Students will read selected biblical texts and works of literature from different historical periods. The focus will be on a wide variety of concepts such as self-knowledge, imagination and nature.

Prerequisites: Six credits of Junior English

Transfer: UA, UC, UL, AF, KUC

**EN3080 3 (3-0-0) UT 45 Hours 15 Weeks****Aboriginal Literature in Canada**

An introduction to the study of literature written by Aboriginal writers in Canada.

Prerequisites: Six credits of Junior English

Transfer: UA, UC, UL\*, AU, AF, CU, KUC

**EN3180 3 (3-0-0) UT 45 Hours 15 Weeks****Women's Literary Tradition**

An examination of women's writing in English from the mid-nineteenth century to the present.

Prerequisites: Six credits of Junior English

Transfer: UA, UC\*, UL\*, AU, KUC\*, AF

**EN3380 6 (3-0-0) UT 90 Hours 30 Weeks****Shakespeare**

A comprehensive study of Shakespeare's life, times, and plays, with close attention to representative comedies, tragedies and histories, along with an investigation of traditional Shakespeare scholarship, performance-based criticism, and diverse new critical approaches. This is a two-term course offered over fall/winter terms. It is identifiable in the Schedule of Courses (Timetable) with a Part A and a Part B. Students must register in both the Part A and the Part B of all types of sections offered (sections, labs, seminars, etc.) for this course.

Prerequisites: Six credits of Junior English

Transfer: UA, UC, UL, AU, AF, CU, CUC, KUC

**EN3390 3 (3-0-0) UT 45 Hours 15 Weeks****Studies in Shakespeare**

Studies of representative plays, along with an investigation of traditional Shakespeare scholarship, performance-based criticism, and diverse new critical approaches.

Prerequisites: Six credits of Junior English

Notes: Students with credit in EN3380 will not also receive credit for EN3390.

Transfer: UA\*, UC, UL, AU, KUC, AF\*

## Course Descriptions

**EN3400 3 (3-0-0) UT 45 Hours 15 Weeks****Early Modern Literature and Culture**

Selected works from the English context.

Prerequisites: Six credits of Junior English

Transfer: UA, UC, UL, AU, AF, KUC

**EN3470 3 (3-0-0) UT 45 Hours 15 Weeks****Restoration and 18th Century Literature and Culture**

An examination of selected English texts written between 1660 and 1800.

Prerequisites: Six credits of Junior English

Transfer: UA\*, UC\*, UL, AU, CUC, KUC, AF\*

**EN3510 3 (3-0-0) UT 45 Hours 15 Weeks****Romantic Poetry and Prose**

Studies in selected English works written between 1789 and 1830.

Prerequisites: Six credits of Junior English

Transfer: UA, UC, UL, AU, CUC, GMU, KUC, AF

**EN3610 3 (3-0-0) UT 45 Hours 15 Weeks****Early Twentieth Century American Novel**

Representative works of early twentieth century American novelists will be covered.

Prerequisites: Six credits of Junior English

Transfer: UA\*, UC, UL, AU, AF\*, CUC, GMU, KUC,

Other

**EN3620 3 (3-0-0) UT 45 Hours 15 Weeks****American Literature and Culture: Toward the Now - Later 20th and Early 21st Century**

A study of American writing since 1970, examining issues of language, power, gender, class, race, politics and significant moments in American culture and literary production.

Prerequisites: Six credits of Junior English

Transfer: UA, AF, KUC

**EN3650 3 (3-0-0) UT 45 Hours 15 Weeks****Early Twentieth Century British Novel**

A study of representative works of major early modern British novelists including writers such as Hardy, Conrad, Lawrence, Joyce and Forster.

Prerequisites: Six credits of Junior English

Transfer: GMU, KUC\*, AU, CUC, UC, UA, AF, UL, Other

**EN3740 3 (3-0-0) UT 45 Hours 15 Weeks****Canadian Literature: Modern 1925-1960**

This is a study of representative modern works by Canadian authors written mainly between 1925 and the 1960s. The course includes authors like Mitchell, Roy, Ross, Laurence, O'Hagan, Davies, Atwood, Purdy, Lane, and Birney.

Prerequisites: Six credits of Junior English

Transfer: UA\*, UC\*, UL, AU\*, AF\*, GMU, KUC\*, Other\*

**EN3760 3 (3-0-0) UT 45 Hours 15 Weeks****Canadian Literature: Contemporary and Postmodern, 1960 to Present**

A study of contemporary and postmodern works written since 1960 by Canadian authors like Laurence, Highway, Munro, Ondaatje, Urquhart, MacLeod, Vanderhaeghe, Crozier, Brand and Wayman.

Prerequisites: Six credits of Junior English

Transfer: UA\*, UC\*, UL, AU\*, AF\*, CU\*, CUC, GMU, KUC\*, Other

**EN3810 3 (3-0-0) UT 45 Hours 15 Weeks****Postcolonial Literature**

An examination of both the writing and theorizing of literature in English from countries and former colonies of the British Empire.

Prerequisites: Six credits of Junior English

Transfer: UA\*, UC, UL, AU, AF, KUC\*

**EN3830 3 (3-0-0) UT 45 Hours 15 Weeks****Introduction to Popular Culture**

An examination of the theory and practice of popular culture including, but not limited to, the investigations of television, Disney, Hollywood, shopping malls, video games, music, sports, cyberspace, and "trash" fiction.

Prerequisites: Six credits of Junior English

Transfer: UA, UC, UL, AU, KUC, AF

**EN3890 3 (3-0-0) UT 45 Hours 15 Weeks****Studies in Children's Literature**

This course examines children's literature in English in historical and contemporary contexts.

Prerequisites: Six credits of Junior English

Transfer: UA\*, UC\*, UL, AU\*, KUC, AF\*

## Course Descriptions

**EN3950 3 (3-0-0) UT 45 Hours 15 Weeks****Intermediate Creative Writing: Fiction**

At an intermediate level, this course emphasizes the principles and practices of writing fiction. Students are encouraged to explore established and emerging forms and to focus on the production of a completed work of fiction.

Prerequisites: EN2950

Notes: Students without EN2950 must have 6 credits of junior English and the permission of the instructor to register.

Transfer: MRU, UC, UA\*, AF\*, AU, KUC, UL, GMU

**EN3990 3 (3-0-0) UT 45 Hours 15 Weeks****Science Fiction and Fantasy**

Studies in selected texts that portray the city of the future, and the role of artificial intelligence and alien life forms.

Prerequisites: Six credits of Junior English

Notes: Students who have taken this subject matter in EN4103 will not receive credit for EN3990.

Transfer: UA, UC\*, UL, AU, KUC, AF

**EN4101 3 (3-0-0) UT 45 Hours 15 Weeks****Major Author Series**

A variable-content seminar on major authors such as Dickens, Faulkner, Hemingway, Joyce, Laurence, Austen, and the Brontes. Students may take different writer-versions of this course.

Prerequisites: Six credits of Junior English

Notes: Providing you undertake a different author each time, you may take EN4101 for credit as often as you wish.

Transfer: UA\*, UC\*, UL, AU, AF\*, CU, KUC

**EN4103 3 (3-0-0) UT 45 Hours 15 Weeks****Literary Genres Series**

A variable-content seminar course on specific literary themes or genres such as the Faust figure, the motif of survival in Canadian literature, the frontier as a recurrent idea in American literature, comedy, tragedy, Romanticism, Neoclassicism, and writing by women. Students may take different-genre, different-theme versions of this course.

Prerequisites: Six credits of Junior English

Notes: You may repeat EN4103 for credit providing you undertake a different topic each time you enroll.

Transfer: UA\*, UC\*, UL\*, AU, AF\*, CU, KUC

**Earth Science****ES1000 3 (3-0-3) UT 90 Hours 15 Weeks****Planet Earth**

Introduction to the origin and evolution of the Earth and the solar system, and plate tectonics and the rock cycle.

Simple energy balances and interactions between radiation and the atmosphere, oceans, ice masses, and the global hydrological cycle. Evolution of life, biogeography, and global climate in the context of geological time. The carbon cycle. Human interaction with the Earth. Mineral and energy resources.

Notes: Not available to students with credit in ES1010 or ES1020.

Transfer: UA, UC\*, UL, AU, AF, KUC, Other

**ES1050 3 (3-0-3) UT 90 Hours 15 Weeks****The Dynamic Earth through Time**

The plate tectonic framework of a dynamic Earth as it relates to the origin of major groups of minerals and rocks. Earthquakes, structural geology and the origin of mountain belts. Surface processes and their sedimentary products. History of life and extinctions.

Prerequisites: ES1000

Notes: Not available to students with credit in ES1010

Transfer: UA\*, UC, UL, AU, AF, KUC\*, Other

**ES2070 3 (3-0-0) UT 45 Hours 15 Weeks****Mass Extinctions and Dinosaurs**

A discussion and description of the progression of life through time, with emphasis on important radiations and mass extinctions of life, and theories on why they occur. Evolution, radiation, morphology and life habits of dinosaurs are considered in detail. The evidence for asteroid impacts in the geological record, their frequency and effect on the history of organisms through time. Origin and evolution of humans, and their impact on the biosphere.

Prerequisites: Any 1000 level Science course

Transfer: UA\*, UC\*, UL, AU, AF\*, KUC\*

## Course Descriptions

### *Finance*

#### **FN3700 3 (3-0-0) UT 45 Hours 15 Weeks**

##### **Introduction to Corporate Financial Management**

This course provides a general corporate framework for financial decision making. The course examines types of securities, basic methods of valuation, valuation and selection of physical and intellectual assets, operation of asset markets, market efficiency, risk measures and risk reduction methods, financing policy, including choices between debt and equity financing.

Prerequisites: ST1510 and AC3110

Transfer: UA, UC\*, UL, AU, AF, CU, GMU, KUC

### *French*

#### **FR0110 5 (5-0-0) HS 75 Hours 15 Weeks**

##### **French Grade 10 Equivalent**

This course assumes little or no previous instruction in French. It introduces the beginner to basic vocabulary and grammatical structures and terminology. The laboratory facilitates the development of aural/oral skills through activities such as drills, directed conversations, songs, etc.

#### **FR0120 5 (5-0-0) HS/UT 75 Hours 15 Weeks**

##### **Beginner French I Grade 11 Equivalent**

This is the entry-level course for students who have chosen French. Basic conversational vocabulary will be covered, as well as verbal structures including past tense. You will develop aural/oral skills through drills, directed dialogue and music.

Notes: FR0120 and FR0130 will transfer for 6 university credits only if credit has not been received for French 30 or equivalent.

Transfer: UA\*, UL\*, AU, AF\*, CU\*, CUC, KUC, Other\*

#### **FR0130 5 (5-0-0) HS/UT 75 Hours 15 Weeks**

##### **Beginner French II Grade 12 Equivalent**

This course will cover more detailed grammatical patterns, including verb tenses and their uses. Aural/oral skills will continue to develop through increased use of French in class and laboratory practice.

Prerequisites: FR0120 or consent of the Department

Notes: FR0120 and FR0130 will transfer for 6 university credits only if credit has not been received for French 30 or equivalent.

Transfer: UA\*, UC\*, UL\*, AU, AF\*, CU\*, CUC, KUC, Other\*

#### **FR2110 3 (3-0-2) UT 75 Hours 15 Weeks**

##### **Intermediate French I**

This first-year university course combines spoken and written French, and includes listening, comprehension, pronunciation, grammar, composition, and literature.

Prerequisites: French 30 or equivalent

Notes: Students with credit in FR1500 will not receive credit for FR2110.

Transfer: UA, UC\*, UL, AU, CU\*, CUC, GMU, KUC, AF, Other\*

#### **FR2120 3 (3-0-2) UT 75 Hours 15 Weeks**

##### **Intermediate French II**

This course is a continuation of spoken and written French, and includes listening, comprehension, pronunciation, grammar, composition, and literature.

Prerequisites: FR2110

Notes: Students with credit in FR1500 will not receive credit for FR2120.

Transfer: UA, UC\*, UL, AU, CU\*, CUC, GMU, KUC, AF, Other\*

#### **FR2210 3 (3-0-2) UT 75 Hours 15 Weeks**

##### **Niveau Intermediaire I: Expression Orale**

Ce cours intensif de première année universitaire est conçu pour les étudiants du programme d'immersion et de français langue première. Il vise à développer toutes les compétences orales et écrites, par l'emploi des méthodes et des stratégies pédagogiques, ainsi que l'usage des connaissances grammaticales, dans le cadre de la Francophonie.

Prerequisites: French 30, French 31, Français 30 or French language placement test

Notes: This is the recommended entry-level course for French Immersion and Francophone students. Students with credit in FP1100, FR1100, FR1500 or FR2110 will not receive credit for FR2210.

Transfer: UA\*, UC\*, UL, AU, GMU\*, KUC\*, MRU

#### **FR2240 3 (3-0-2) UT 75 Hours 15 Weeks**

##### **Niveau Intermediaire II: Expression Ecrite**

Ce cours intensif de première année universitaire est conçu pour les étudiants du programme d'immersion et de français langue première. Il vise à développer toutes les compétences orales et écrites, par l'emploi des méthodes et des stratégies pédagogiques, ainsi que l'usage des connaissances grammaticales, dans le cadre de la Francophonie.

Prerequisites: FR2210 or consent of the Department

Notes: This is the recommended entry-level course for French Immersion and Francophone students. Students with credit in FP1110, FR1110, FR1500 or FR2120 will not receive credit for FR2240.

Transfer: UA\*, UC\*, UL, AU, GMU\*, KUC, MRU

## Course Descriptions

**FR2330 3 (3-0-0) UT 45 Hours 15 Weeks****French Cultural Moments**

This course uses the study of various intellectual, cultural, and historical manifestations to provide students with a window into the French world.

Prerequisites: FR2120 or equivalent, or consent of Department

Transfer: UA, UC, UL, AU, AF, GMU

**FR2540 3 (3-0-0) UT 45 Hours 15 Weeks****Introduction to Translation Theory and Practice:****French-English-French**

Students will become familiar with the basic linguistic differences and principles of translation between English and French. Through the acquisition of theoretical concepts, notions of contrastive linguistics, analysis and regular translations exercises, students will learn to transfer texts from French into English and from English into French. The course will be taught in French.

Prerequisites: FR2970 or consent of the Department

Transfer: UA, UC, UL, AU, AF, GMU

**FR2970 3 (3-0-2) UT 75 Hours 15 Weeks****Advanced French I**

This second year university French course prepares the student to function in French in his/her daily and professional activities and to commence his/her studies in French literature and linguistics. The course develops oral and written skills as well as grammar and vocabulary.

Prerequisites: FR2120 or equivalent

Transfer: UA, UC, UL, AU, GMU, AF, Other

**FR2980 3 (3-0-2) UT 75 Hours 15 Weeks****Advanced French II**

This second year university course complements FR2970 with the objective to further develop fluency in oral and written French through the study of grammar and vocabulary as well as through reading, composition and communicative activities.

Prerequisites: FR2970

Transfer: UA, UC, UL, AU, GMU, AF, Other

**FR3000 3 (3-0-0) UT 45 Hours 15 Weeks****French for Professionals**

Through the study of business topics and vocabulary, as well as work practices and language and technical skills, this course introduces French in various professional business contexts, such as banking, marketing, finance, human resources, and professional correspondences. Students will acquire valuable terminology and expressions, and learn practical French business procedures including answering emails, writing business letters, and creating advertisements. More specifically, they will learn to communicate effectively in French in a variety of business situations while enhancing their competence in speaking, listening, reading, and writing.

Prerequisites: or Corequisites: FR1110, FR2120, or permission of the Instructor

Transfer: AU, UL, UC, GMU

**FR3010 3 (3-0-0) UT 45 Hours 15 Weeks****Introduction to French Literary Studies**

This is the study of French Literature as a discipline. The course is structured according to concepts, methods of analysis and problems of literary studies. Texts chosen from different periods and genres of French literature will be viewed in their socio-historical context and studied not only for themselves, but also for their specific value in assisting students to master techniques of textual analysis. Theoretical problems (what is literature?) and methodological problems (how can literature be studied, what are some of the approaches?) will be the center of focus.

Prerequisites: FR2980

Transfer: UA, UC, UL, AU, CUC, GMU, KUC, AF

**FR3720 3 (3-0-0) Pending 45 Hours 15 Weeks****French Phonetics and Dictation**

This course provides an introduction to the main features of Modern Standard French phonetics through contrastive study of vowel, semi-vowels, and consonants in French and English. Students will familiarize themselves with the various sounds and patterns of French and be able to explain the mechanisms involved in the articulation of the French sound system. They will use the International Phonetics Alphabet (IPA) to transcribe oral phrases and texts into phonetics symbols and learn to correct and improve their pronunciation of French.

Prerequisites: FR2970 or permission of the instructor.

## Course Descriptions

### *Genetics*

#### **GN2700 3 (3-1.5-0) UT 67.5 Hours 15 Weeks**

##### **Foundations of Molecular Genetics**

Basic concepts on the organization of genetic material and its expression will be developed from experiments on bacteria and viruses during the course.

Prerequisites: BI2070

Transfer: UA, UC\*, UL, AU, AF, CU, KUC

### *German*

#### **GR1200 3 (3-0-2) UT 75 Hours 15 Weeks**

##### **Beginner German I**

This is the entry level course for students who have chosen German as their Language other than English (LOE). Basic conversational vocabulary will be covered, as well as structures in grammar. You will develop aural/oral skills through drills, directed dialogue and other communicative activities.

Transfer: UA\*, UC, AU, AF\*, GMU, KUC, UL\***GR1300 3 (3-0-2) UT 75 Hours 15 Weeks**

##### **Beginner's German II**

This is the second part of the entry level course for students who have chosen German as their Language other than English (LOE). You will develop aural/oral skills through drills, directed dialogue and other communicative activities, and enhance your vocabulary and grammar structures.

Prerequisites: GR1200

Notes: Students with high school credit for German 30 will not receive transfer credit for GR1200/GR1300.

Transfer: UA\*, UC\*, AU, AF\*, GMU\*, KUC, UL\*

#### **GR1500 6 (3-0-2) UT 150 Hours 30 Weeks**

##### **First Year University German**

To further the student's oral and written communication skill in the German language and their knowledge of German grammar, vocabulary, literature and culture, with the emphasis being placed on the application of structures and vocabulary through compositions, conversation, oral presentations and discussion of literary reading selections. This is a two-term course identifiable on the Schedule of Courses (Timetable) with a Part A and a Part B. Students must register in both the Part A and Part B of all types of sections offered (lectures, labs, seminars) for this course.

Transfer: UA\*, UC, UL, AU, AF, KUC, CU\*

### *Harley-Davidson®*

#### **HD210 7 (10-0-0) 150 Hours 15 Weeks**

##### **Harley-Davidson® Theory**

This course is the theory component for all elements provided in HD260.

#### **HD260 7 (0-0-20) 300 Hours 15 Weeks**

##### **Harley-Davidson® Shop**

This course provides skill development in precision measurement; Twin Cam 96/96B, V-Rod, and Sportster engines; transmission rebuild 5 and 6-speed; wheel building and truing; brake systems overhaul and servicing; carburetion rebuild and adjustment; electrical systems charging, starting and ignitions; fuel injection systems; clutches; suspension service; PDI and service inspections; chassis alignment; tire fitment; safety; customer service and shop management. Students complete the Harley-Davidson Motor Company technical training class, Vehicle and Chassis Service (VCS), as part of this course. Students achieving factory outlined standards earn credit for VCS in the Harley-Davidson PHD program.

#### **HD270 3 (0-5-0) 75 Hours 15 Weeks**

##### **Harley-Davidson® Independent Study**

The student will be required to complete the industry standard HDU Online modules. This includes PHD and PACE modules on varying aspects of Harley-Davidson® motorcycle repair (i.e. chassis, electrical, etc.). Students will be evaluated at the completion of each self-study module consisting of video and written materials.

### *ThinkBIG Service Technician*

#### **HES110 2 (3.5-0-3.5) 56 Hours 8 Weeks**

##### **Introduction to Caterpillar Service Industry**

This course will introduce the student to Caterpillar's history as well as familiarizing the student with the CAT product line. Included with this will be information on safety, materials and tools as well as shop facilities and equipment. Another segment of this will familiarize the student with the Caterpillar Service Information System as well as computer operation.

#### **HES121 3 (5-0-5) 80 Hours 8 Weeks**

##### **Introduction to Machine Systems**

This course provides the foundation for the Heavy Equipment Service program. The student will be introduced to the major systems found on heavy equipment, the components that comprise these systems, their functions and service techniques.



## Course Descriptions

**HES131 1.5 (3-0-3) 48 Hours 8 Weeks****Electrical Fundamentals**

This course will introduce students to basic electrical and electronic fundamentals. Topics included are electrical circuits; electrical components, schematics and symbols; the use of test equipment and battery service and testing.

**HES141 2 (3.5-0-3.5) 56 Hours 8 Weeks****Hydraulic Fundamentals**

Basic principles of hydraulics, hydraulic oil, contamination control principles, basic systems and components are examined in this course. As well, the students are introduced to ISO schematics and symbology.

**HES190 2 (0-0-40) 320 Hours 8 Weeks****Work Placement**

Placement will occur at a licensed Finning location. In the event that a Finning placement is not available, the student will be required to arrange a practicum placement with the assistance of the college.

**HES211 2 (3.5-0-3.5) 56 Hours 8 Weeks****Starting and Charging Systems**

This course examines 12 and 24 volt charging and 12, 24 and non-electrical starting systems. There is an emphasis on testing and troubleshooting.

**HES221 1.5 (3-0-3) 48 Hours 8 Weeks****Truck and Trailer Suspension and Steering**

Topics covered in this course include the fundamentals and servicing of truck and trailer frames and suspension; wheels, tires and hubs; trailer landing gear; coupling units; trailer types and an introduction to trailer inspection as directed by the Commercial Vehicle Inspection Program; oxy-fuel heating and cutting; and preventive maintenance.

**HES231 2 52 Hours****Air Brakes**

This course covers the fundamentals and operation of pneumatically actuated braking systems including component functions and diagnostics. A section on antilock brakes is included.

**HES241 1.5 44 Hours****Hydraulic Brakes**

The topic covered in this course will be hydraulic brake systems including drum and disc brakes, brake boosters, parking brakes as well as electric brakes. The servicing of these systems will also be covered.

**HES251 1.5 (3-0-3) 48 Hours 8 Weeks****Air Conditioning Systems**

This course examines air conditioning systems found in on and off highway equipment. Systems, components, controls, service, troubleshooting and repair, and environmental stewardship are included topics.

**HES262 1.5 40 Hours****Electrical Circuits**

Truck and machine electrical and accessory circuits are examined in this course.

**HES290 2 (0-0-40) 320 Hours 8 Weeks****Work Placement**

Placement will occur at a licensed Finning location. In the event that a Finning placement is not available, the student will be required to arrange a practicum placement with the assistance of the college.

**HES321 3 (5.5-0-5.5) 88 Hours 8 Weeks****Engine Fuel Systems**

With a focus on Caterpillar fuels systems, this course will examine: diesel fuel and storage, combination processes, starting aids, the fuel injection system, system service, fuel nozzles and injectors, tune-up and engine performance analysis, and emergency shutdown systems. Electronic fuel and engine management systems will be emphasized.

**HES331 4 (7-0-7) 112 Hours 8 Weeks****Engine Fundamentals**

Focusing on the Caterpillar engine product line, this course examines engine function, component, operation, and systems. This includes the disassembly, inspection, and reassembly of a running diesel engine.

**HES362 1.5 40 Hours****Engine Diagnostics / Repair**

Primarily a lab-based course where the student's knowledge will be challenged and troubleshooting skills developed. Students will be required to successfully diagnose and repair engine faults in a real world setting.

**HES390 2 (0-0-40) 320 Hours 8 Weeks****Work Placement**

Placement will occur at a licensed Finning location. In the event that a Finning placement is not available, the student will be required to arrange a practicum placement with the assistance of the college.

## Course Descriptions

**HES410 3.5 (6-0-6) 96 Hours 8 Weeks****Machine Hydraulic Systems**

This course is designed to teach the system operations and the testing and adjusting procedures for the pilot operated hydraulic system, the load sensing, pressure compensated (LSPC) hydraulic system, the electro-hydraulic system, and the hydrostatic system. Students will identify the system components, state the component function and trace the oil flow through the component. This section will be covered on different types of machines.

**HES421 4 (7-0-7) 112 Hours 8 Weeks****Power Train I**

This course will cover power train components that are mechanical power transfer units. These include clutches, driveline, manual transmissions, transfer cases and drive axle assemblies. Also covered will be gear principles, transmission shifting and the servicing of the previous assemblies.

**HES440 1 (2-0-2) 32 Hours 8 Weeks****On-Highway Steering**

This course will cover the fundamentals of steering as well as service of steering systems. Also covered will be steering angles and alignment, and an orientation to vehicle inspection.

**HES462 1.5 48 Hours****Off Road Machine Systems Diagnostics / Repair**

Primarily a lab-based course where the student's knowledge will be challenged and troubleshooting skills developed. Students will be required to successfully diagnose and repair off road machine systems in a real world setting.

**HES490 2 (0-0-40) 320 Hours 8 Weeks****Work Placement**

Placement will occur at a licensed Finning location. In the event that a Finning placement is not available, the student will be required to arrange a practicum placement with the assistance of the college.

**HES511 3.5 (6-0-6) 96 Hours 8 Weeks****Power Train II**

Power train drives that have a hydraulic component to them will be covered in this course. Torque converters, gearing principles, power shift and automatic transmissions are covered in relation to operation, diagnostics and service procedures. Also included are hydraulic retarders, tracked equipment steering and undercarriage fundamentals and service. Final drive operation and service, differentials as applied to off-road will also be discussed. Wheeled equipment steering and suspension as well as off-road equipment accessories and attachments will be discussed in reference to off-road machines.

**HES562 1.5 48 Hours****On Highway Machine System Diagnostics / Repair**

Primarily a lab-based course where the student's knowledge will be challenged and troubleshooting skills developed. Students will be required to successfully diagnose and repair on highway machine systems in a real world setting.

**HES590 2 (0-0-40) 320 Hours 8 Weeks****Work Placement**

Placement will occur at a licensed Finning location. In the event that a Finning placement is not available, the student will be required to arrange a practicum placement with the assistance of the college.

**History****HI1110 3 (3-0-0) UT 45 Hours 15 Weeks****The Early Modern World**

This course is designed as an introductory survey of global history and will provide a foundation for advanced study in history and related fields. It covers the major political, cultural, intellectual and economic developments of the world from the 15th century through the 18th century.

Transfer: UA\*, UC, UL\*, AU, AF\*, CUC, KUC\*, Other\*

**HI1120 3 (3-0-0) UT 45 Hours 15 Weeks****The Modern World**

This course is designed as an introductory survey of global history and will provide a foundation for advanced study of history and related fields. The course covers the major political, cultural, intellectual and economic developments of the world since the beginning of the 19th century to the present.

Transfer: UA\*, UC, UL\*, AU, AF\*, CUC, KUC\*, Other\*

**HI2050 3 (3-0-0) Pending 45 Hours 15 Weeks****Pirates and Piracy**

This course examines pirates and piracy in their political, economic, technological, and social context from antiquity to present. Particular attention will be paid to the role of the emerging state in defining, sanctioning, and punishing piracy; the role of race, gender, and class in the social world of the pirate; and the social memory and popular image of the pirate.

**HI2090 3 (3-0-0) UT 45 Hours 15 Weeks****Early Modern Europe**

The course covers the political, economic, social and cultural history of the European people between 1350 and 1815. The course will trace developments from the Renaissance and Reformation periods to the Age of Absolutism, and will probe the Enlightenment and the end of the Old Regime and birth of Revolutionary Europe.

Transfer: UA\*, UC, UL, AU, AF\*, KUC

## Course Descriptions

**HI2100 3 (3-0-0) UT 45 Hours 15 Weeks****Modern Europe**

The course covers the political, economic, social and cultural history of the European people during the last two centuries. The course will survey the age of Revolutions, the development of industrialized mass society and the imperialism and nationalism which culminated in the Great Twentieth Century wars. The course concludes with a study of the new Europe which has arisen from the ashes of 1945.

Transfer: UA, UC, UL, AU, GMU, KUC, AF

**HI2370 3 (3-0-0) UT 45 Hours 15 Weeks****History of the Canadian North**

Historical background to emergent political and economic/industrial issues in the Canadian North, including the Peace River region of Alberta. Topics include the issue of northerness, history of Native people in the North, exploration and discovery, fur trade and missionaries, industrial development and settlement, issues of control today.

Transfer: UA, UC, UL, AU, AF, CU, KUC

**HI2500 3 (3-0-0) UT 45 Hours 15 Weeks****American History to 1865**

The history of the United States from colonial times to the end of the Civil War is covered. Through lectures and class discussions of selected readings, the course surveys development from distinct colonial societies to revolutionary and national consciousness along the Atlantic coast, internal expansion and commercial growth to the rise of racial and constitutional conflict and the Civil War catastrophe.

Transfer: UA, UC\*, UL, AU, AF, CU, CUC, GMU, KUC, Other

**HI2510 3 (3-0-0) UT 45 Hours 15 Weeks****American History Since 1865**

The course covers the development of contemporary America from the period of Reconstruction after the Civil War to the present. Through lectures and class debates from prepared readings, you will examine and evaluate the American historical experience of western settlement, economic expansion and social crisis, racial conflict, imperial expansion, war, social protest and world power status.

Transfer: UA, UC\*, UL, AU, AF, CU, CUC, GMU, KUC, Other

**HI2600 3 (3-0-0) UT 45 Hours 15 Weeks****Canadian History 1500 to 1867**

Survey of development of economic, political and social aspects of the French and British periods to 1867 is included in the course. The course gives an understanding and appreciation of Canadian heritage, and provides foundation for advanced study in history and related studies.

Transfer: UA, UC, UL, AU, AF, CU, CUC, GMU, KUC

**HI2610 3 (3-0-0) UT 45 Hours 15 Weeks****Canadian History 1867 to The Present**

This course analyses the problems, the institutions and the changing roles in Canada since Confederation, and provides a base and some tools for inquiry into Canadian affairs.

Transfer: UA, UC, UL, AU, AF, CU, CUC, GMU, KUC

**HI2700 3 (3-0-0) UT 45 Hours 15 Weeks****Introduction to History of Islam**

Survey of the history of Islam from about 500 to 1917 which will provide a general overview of the rise and fall of the Islamic empire and its impact on the 20 and 21 centuries. Topics will include Arabia before Islam, Mohammad's message, succession (Caliphate), wars of expansion, Umayyad and Abbasid periods, the decline and the resurgence of the Islamic empire during the Ottoman Empire, World War I, final dissolution of the Islamic Empire and western domination of the region.

Transfer: UA, UC, UL, AU, KUC, AF

**HI2900 3 (3-0-0) UT 45 Hours 4 Weeks****Islamic History in Action I: Cordova to Cairo**

This is a 4-week directed study course which includes required readings, discussions, written assignments and travel. Part of the course will take place on site for one week, and three weeks will be spent traveling from Cordova (Spain) to Cairo (Egypt) through Morocco and Tunisia. The combination of guided readings with assignments, direct observation of the major historical sites, and the cultural immersion will help students understand and appreciate the making of Islamic history up close and personal.

Transfer: UA, UL, AU, UC, AF

**HI2940 3 (3-0-0) UT 45 Hours 15 Weeks****Introduction to the History of Western Science and Technology**

This course examines the history of science and technology from the earliest times to the 21st century. Although the Western tradition will be emphasized, consideration will also be given to scientific and technological developments in other global civilizations.

Transfer: UA, UL, AU, AF, GMU

## Course Descriptions

**HI2950 3 (3-0-0) UT 45 Hours 4 Weeks****Islamic History in Action II: Cairo to Istanbul**

This is a 4-week directed study course which includes required readings, discussions, written assignments and travel. Part of the course will take place on site for one week, and three weeks will be spent traveling from Cairo (Egypt) to Istanbul (Turkey) through Jordan, Syria and Lebanon. The combination of guided readings with assignments, direct observation of the major historical sites, and the cultural immersion will help students understand and appreciate the making of Islamic history up close and personal.

Transfer: UA, UL, AU, UC, AF

**HI2981 3 (3-0-0) UT 45 Hours 15 Weeks****Human Conflict: The Path to Total War**

Students will be introduced to one of humanity's least attractive but most persistent and consequential activities. Through lectures and media presentations, the class will trace the conduct of war from ancient times to the end of the 19th Century. Interwoven with these topics will be special studies of military culture, the effects of war on societies, the rise of revolutionary warfare, and industrialized warfare in the colonial era.

Transfer: UA, UC, UL, AU, CU, CUC, KUC, AF

**HI2982 3 (3-0-0) UT 45 Hours 15 Weeks****Human Conflict: The Deadliest Century**

Through lectures and media presentations, students will trace the conduct of war in the most deadly century in human history, the Twentieth. Interwoven with this topic will be special studies of military culture, the effects of war on societies, the practice of industrialized warfare, nuclear strategy and low-intensity conflict in the post-nuclear era.

Transfer: UA, UC, UL, AU, CU, CUC, KUC, AF

**HI3220 3 (3-0-0) UT 45 Hours 15 Weeks****Russia in the 20th Century**

A historical survey of Russia in the Soviet period from the revolutions of 1917 to the fall of Gorbachev.

Notes: This course not open to students with credit in HI3200.

Transfer: UA\*, UC, UL, AU, AF\*

**HI3570 3 (3-0-0) UT 45 Hours 15 Weeks****The First World War**

This course examines the origin, causes and course of the First World War. Topics will include the military tactics, strategy and technology employed during the war, as well as the conflict's political, social and economic effects of participant nations. The commemoration of the war will also be addressed.

Transfer: UA, MRU, AU, UL, UC, GMU

**HI3670 3 (3-0-0) UT 45 Hours 15 Weeks****The Second World War**

This course surveys the global history of the Second World War including causes, outcomes and the social memory of the war. Selected aspects of its military, political, social and economic effects of the war will be examined.

Transfer: UA, UC, MRU, AU, GMU, KUC, UL, AF

**HI3680 3 (3-0-0) UT 45 Hours 15 Weeks****The Native Aspect of Canada's History Before 1830**

The experience of native peoples in Canada's history from first European contact to the generation of the 1830's will be covered. Through lectures, case studies and discussion of selected readings, students examine and evaluate the interaction between European and native peoples during the colonial period in the light of the policies, interests and objectives of both native and newcomer groups. The course places special emphasis on Indian involvement in the fur trade, the development of European imperial and civilizing policies and the first attempts of native peoples to direct their destiny in the face of European incursion.

Prerequisites: A three-credit course in Canadian History

Transfer: UA\*, UC, UL, AU, AF\*, CU, CUC, KUC, Other

**HI3690 3 (3-0-0) UT 45 Hours 15 Weeks****The Native Aspect of Canadian History after 1830**

Developments in Canadian native peoples' history from the implementation of the reserves system to the present are presented. Through lectures, case studies and class discussions the class will examine the origins and assess the outcome of British and Canadian government policy towards native peoples, the birth of varied forms of resistance by native groups and the growth of modern native political movements.

Prerequisites: A three-credit course in Canadian History

Transfer: UA\*, UC, UL, AU, AF\*, CU, CUC, GMU, KUC, Other

**HI3710 3 (3-0-0) UT 45 Hours 15 Weeks****History of Women in Canadian Society**

Canadian women as affected by, and as contributing to the major social changes of the nineteenth and twentieth centuries.

Transfer: UA\*, UC, UL, AU, AF, KUC

## Course Descriptions

### **HI4550 3 (3-0-0) UT 45 Hours 15 Weeks**

#### **Topics in the History of Canadian External Relations**

In general, this course examines Canada's diplomatic, political and cultural interrelationship with its two great mentors - Great Britain and the United States. More specifically, discussions will focus on the development of Canadian foreign policy (from Laurier to Mulroney) with particular emphasis on Canada's middle power role in global affairs during the Cold War period.

Notes: Some background in Canadian history is recommended.

Transfer: UA, UC, UL, AU, AF, CU, GMU, KUC

### **HI4680 3 (3-0-0) UT 45 Hours 15 Weeks**

#### **Topics in the History of Immigration and Ethnic Settlement in Canada**

Canada is a nation peopled by immigrants where ethnicity has played and continues to play an important role in the shaping of our society. This course examines the history of immigration and settlement of selected ethnic groups. In particular, the social, economic, and political experience of the Ukrainians will be used as a case study. Topics and themes include rural and urban settlement patterns; life and labour; Canadian nativism; the pressures of assimilation and integration, and the place of multiculturalism in a society that defines itself essentially as bicultural (English and French).

Prerequisites: Some background in Canadian History is recommended

Transfer: UA, UC, UL, AU, AF, CU, KUC

### **HI4980 3 (0-3-0) UT 45 Hours 15 Weeks**

#### **Directed Studies in History**

An extended research field project with various historical themes depending upon site visited. Each student will develop a research proposal indicating goals of the study, procedure for evaluation and time to completion. The instructional content includes field studies, historiography tutorials and individualized research tutorials. Students will write a brief bibliographical essay and a comprehensive research discussion paper in order to complete the course.

Prerequisites: HI2981 and HI2982

Notes: In order to receive credit, students must present a current course syllabus to the U of A Department of History and Classics for review and approval.

Transfer: UA\*, UC, AU, UL, AF\*

## *Hospitality and Tourism*

### **HP1210 3 (3-0-0) 45 Hours 15 Weeks**

#### **Tourism Operations Management**

This is an introduction to tourism. The course will survey the tourism sector, its definition, history, career opportunities, key tourism segments (food and beverage, accommodations, transportation, travel trade, tourism services, attractions, events and conferences, adventure tourism and recreation), effects on society, and new developments in the industry. This course will also outline core practices and ideas that comprise tourism.

### **HP1220 3 (3-0-1) 60 Hours 15 Weeks**

#### **Food and Beverages Management**

This course will examine the food service industry and the role of the restaurant manager. Aspects such as sanitation, food safety, nutrition, marketing, menu planning, and equipment layout will be covered. In addition, the course will include a general overview of liquor operations and bartending.

### **HP1230 3 (3-0-1) 60 Hours 15 Weeks**

#### **Accommodations Operations Management**

The focus of this course will be the lodging industry and typical hotel organizational structures. Hotel reservations and check-in procedures, general management, office management, human resources, and front office operations will be examined.

### **HP1240 3 (0-1-4) 75 Hours 15 Weeks**

#### **Hospitality Practicum I**

Students will be introduced to hospitality and tourism environments through a practicum that brings together theory and practice. Students will complete a number of observations, reflections, and assignments while completing the weekly seminars and practicum. The practicum may involve shift work.

Corequisites: HP1220

### **HP2110 3 (1-0-2) 45 Hours 15 Weeks**

#### **Introduction to Culinary Arts**

This course will examine culinary and kitchen practices to provide a more thorough understanding of restaurant and hotel food operations. Culinary topics of study will include food safety, broths and soups, sauces, mains and sides, and desserts. The course will also include menu planning and costing, culinary research, high profile food event planning and execution. focus will be on 5-star culinary standards and operations.

Prerequisites: HP1220 or consent of instructor

## Course Descriptions

### **HP2250 3 (3-0-1) 60 Hours 15 Weeks**

#### **Adventure Tourism and Outdoor Recreation**

Adventure Tourism and Outdoor Recreation is a major growth area within the tourism industry. This course examines the elements and issues associated with outdoor, adventure, nature and eco-tourism. Students will examine the business of adventure tourism and outdoor recreation including concepts of sustainability, impact, 'green' issues, as well as our national park structure. Students will be exposed to issues and skill development in the outdoor setting. A practical component allows students to gain first-hand experience in the outdoors through participation in a variety of activities.

### **HP2260 3 (3-0-0) 45 Hours 15 Weeks**

#### **Event and Convention Management**

Students will examine the art and science of planning major events and will explore the many facets that comprise the convention industry.

### **HP2270 3 (0-1-4) 75 Hours 15 Weeks**

#### **Hospitality Practicum II**

Students will be immersed in hospitality and tourism environments through a practicum that brings together theory and practice. Students will complete a number of observations, reflections, and assignments while completing the weekly seminars and practicum. The practicum may involve shift work.

Prerequisites: HP1240

Corequisites: HP1230

### **HP2280 3 (3-0-0) UT 45 Hours 15 Weeks**

#### **Leadership and Management Excellence**

This course will address key themes and topics in leadership and management literature to enable students to establish their own commitment to best practices, excellence, and ongoing personal improvement.

Transfer: AU

### **HP2290 3 (0-0-3) 45 Hours 15 Weeks**

#### **Computer Applications for Hospitality and Tourism**

This is a practical introduction to computer applications and software required in the hospitality and tourism management sector. Students will develop basic working knowledge of systems for hotel and accommodations management, food and beverage operations, front and back office management, and travel. The course will cover types of computer hardware, applications and operations software, and the evaluation and selection of computer systems. Presentation and database management concepts will also be reviewed.

Prerequisites: BA1150

## *Human Services*

### **HS1000 2 (3-0-0) 30 Hours 10 Weeks**

#### **Interpersonal Communications**

Students develop awareness of and skills for interpersonal communication. Self-understanding and growth is emphasized as a foundation upon which effective interpersonal communication skills are built.

### **HS1102 3 (3-0-0) 45 Hours 15 Weeks**

#### **Behavioural and Functional Assessment**

Students are introduced to the field of Applied Behaviour Analysis and to the wide variety of situations in which a behavioural approach can be useful. The course provides students with knowledge and practice of basic assessment skills essential to a behavioural approach.

### **HS1130 3 (3-0-0) 45 Hours 15 Weeks**

#### **English**

A college level English course designed to improve the professional communication skills of students. Emphasis is given to the study of grammar and its application to essay writing, oral presentation and practical workplace communication.

Prerequisites: English 30-1, English 33 or consent of instructor

Notes: Students with previous credit in CD1130 will not also receive credit for HS1130.

### **HS1202 3 (3-0-0) 45 Hours 15 Weeks**

#### **Principles of Applied Behaviour Analysis and Learning**

The course provides students with the tools needed to design, apply and evaluate both simple behaviour change and behaviourally based instructional programs. These strategies are applied to helping people develop skills needed to improve the quality of their lives and, more specifically, to improve their participation as members of their communities.

Prerequisites: HS1102

### **HS1203 1 (4-0-0) 16 Hours 4 Weeks**

#### **Interpersonal Communication in the Workplace**

This course builds on the interpersonal communication skills from HS1000 and applies them to the development of skills for more complex situations including conflict management and communication in the work environment.

Prerequisites: HS1000

## Course Descriptions

**HS1217 2 (4-0-0) 30 Hours 8 Weeks****Language and Literacy**

This course explores children's expressive and receptive language development as well as their construction of knowledge about the reading and writing process. Students will examine ways in which preschool environments can support children in their attempts to understand and use the language system of their society. This course provides students with a solid foundation for facilitating preschool children's development in speaking, listening, reading and writing.

**HS2100 3 (5.5-0-0) 45 Hours 8 Weeks****Individuals with Exceptionalities**

Various types of exceptionality are examined in this course. Resources, assessment procedures and inclusion of individuals with exceptionalities are explored. The roles of families and professionals are examined.

Notes: Students will not receive credit for CD2100 and HS2100.

**HS2370 2 (2-0-0) 30 Hours 15 Weeks****Administration of Human Services Programs**

Students examine the role of the administrator in Human Services Programs, including effective staff supervision models and techniques for evaluating and motivating staff. Students will learn about funding available from all levels of government as well as service organizations in the private sector. The budgeting process, advertising and marketing strategies will be explored.

Prerequisites: Successful completion of first year or consent of the Department

**HS2440 3 (3-0-0) 45 Hours 15 Weeks****Human Development: Birth through Adolescence**

The purpose of this course is to familiarize the student with human development across the school years.

***Interdisciplinary Studies*****ID1250 3 (0-3-0) UT 45 Hours 15 Weeks****Topics in Interdisciplinary Studies**

This course uses the study of aspects of cultural, historical and linguistic differences to create awareness of the impact of cultural and historical context on national representation and identity. Content changes each year but topics will typically include aspects of history, art, architecture, music, or additional topics.

Notes: This course may be offered as a travel study course. In that case, students can expect additional expenses for travel and accommodation. May be repeated for credit when content varies.

Transfer: UA, UC, UL, AF

**ID2010 3 (3-0-0) UT 45 Hours 15 Weeks****Interdisciplinary Topics in Culture: Masterpieces and Practice**

This is an exploration of masterworks and common practices in the cultural history of European and American culture. An aspect of this exploration will be examining the ways in which these arts have influenced society at large, and how they have fit into the locations of study. Content changes each year but topics will typically include aspects of the visual arts, music and drama, or additional topics, such as a cultural history of a geographic area.

Prerequisites: Any college or university courses that deals with the history of a related topic, such as an art, dance, drama or music history course or consent of the Department.

Notes: May be repeated for credit when content varies. This course is normally offered as a travel study course.

Students can expect additional expenses for travel and accommodation.

Transfer: UC, AU

**ID2020 3 (3-0-0) UT 45 Hours 15 Weeks****Interdisciplinary Topics in Contemporary Media**

This course uses an interdisciplinary approach to explore on a rotating basis various topics that examine the relationship between various forms of mass media and popular culture, e.g. communication media, novels, comic books, films, video games, music videos and the internet.

Course content will vary on a yearly basis depending on student interest and the availability of faculty and expertise.

Transfer: UA, UC, AU, UL, AF

**ID3261 3 (3-0-0) UT 45 Hours 15 Weeks****Contemporary Culture Now I**

This is an introductory course to contemporary art and design. The course will introduce students to current issues related to the worlds of art, design, drama, music and popular culture. Activities include attendance at Visiting Speaker talks, gallery visits, performances, group discussions, critical writing, and viewing time-based media.

Transfer: AU, UL

**ID3262 3 (3-0-0) UT 45 Hours 15 Weeks****Contemporary Culture Now II**

Continuation of Contemporary Culture Now I, this course will introduce current issues related to the worlds of art, design, drama, music and popular culture. Activities will include presentations from visiting speakers; attendance at gallery visits and performances; group discussions, critical writing and analysis of time-based media.

Prerequisites: ID3261

Transfer: AU, UL

## Course Descriptions

### *Welding*

#### **ITW10 3 (4.5-0-0) 54 Hours 12 Weeks**

##### **Welding Safety and Tools**

This course covers the safety and tools theory components of the AIT apprenticeship 1st period welder training.

#### **ITW11 2 (3.5-0-0) 42 Hours 12 Weeks**

##### **Trades Math**

This course covers the Trades Math component of Alberta Apprenticeship Welder Training, 1st Period. Topics include whole numbers and fractions, decimals, percentages and ratio, perimeters, areas, volumes, conversions and metric.

#### **ITW12 2 (4-0-0) 48 Hours 12 Weeks**

##### **GMAW, FCAW, MCAW, SAW Theory**

This course covers the gas metal arc welding (GMAW), flux core arc welding (FCAW), metal-cored arc welding (MCAW), and submerged arc welding (SAW) theory components of Alberta Apprenticeship Welder Training, 1st Period. Topics include power source feeders, filler metals, shielding gas, troubleshooting and maintenance.

#### **ITW13 4 (6-0-0) 72 Hours 12 Weeks**

##### **Welding Technology**

This course covers the welding technology and properties of metals components of the Alberta Apprenticeship Welder Training, 1st Period. Topics include Electricity, Metal ID, Heat Treatment, Distortion, Hard Facing, Drawing Interpretation, Weld Symbols, and Weld Types.

#### **ITW14 3 (0-0-12) 144 Hours 12 Weeks**

##### **Welding I Processes Practice**

This course covers Wire Feed Processes and practical components of the Alberta Apprenticeship Welder Training, 1st Period.

### *Legal Relations*

#### **LR3010 3 (3-0-0) UT 45 Hours 15 Weeks**

##### **Legal Relations**

A synoptic view of the Canadian legal system, with emphasis on underlying considerations of social policy. While considering the nature, sources, philosophy, and policy objectives of the law, selected topics from the fields of tort and contract will be analyzed.  
Transfer: UA, UC, UL, AU, AF, CU, CUC, GMU, KUC

### *Mathematics*

#### **MA0060 5 (0-0-7.5) HS 112.5 Hours 15 Weeks**

##### **Basic Mathematics I**

This course is a modularized program of study which covers a review of reading, writing and rounding of whole numbers, if required, as well as whole number multiplication and division. Problem-solving is emphasized throughout, and squares, square roots, and the order of operations are introduced.

Prerequisites: Appropriate math placement test score and EN0080 placement

#### **MA0081 5 (0-0-7.5) HS 112.5 Hours 15 Weeks**

##### **Basic Mathematics II**

This course is a modularized program of study which covers whole numbers, decimals, fractions, integers, introduction to algebra, introduction to equations, metric measurement, dimensional geometry and problem solving. Prerequisites: MA0060 or equivalent math placement test score

#### **MA0091 5 (0-0-7.5) HS 112.5 Hours 15 Weeks**

##### **Basic Mathematics III**

This course is a modularized program of study which includes a review of basic computational skills, ratio and proportion, percent; an introduction to exponents, basic operations on polynomials, equations, basic algebraic word problems; fundamentals of geometry, introduction to graphing and statistics.

Prerequisites: MA0081 or equivalent math placement test score

#### **MA0093 5 (0-0-7.5) HS 112.5 Hours 15 Weeks**

##### **Math Essentials**

This course is a modularized program of study which covers basic computational skills, ratio and proportion, percent; an introduction to exponents; equations and formulas; fundamentals of geometry, introduction to graphing, and statistics.

Prerequisites: MA0081 or equivalent math placement test score.

#### **MA0110 5 (0-0-7.5) HS 112.5 Hours 15 Weeks**

##### **Mathematics Grade 10-C Equivalent**

This is a modularized course which covers measurement including surface area and volume, introduction to trigonometry, numbers, roots and exponents, polynomial multiplication and factoring, relations and functions, linear functions, and systems of equations.

Prerequisites: MA0091 or equivalent math placement test score



## Course Descriptions

**MA0113 5 (0-0-7.5) HS 112.5 Hours 15 Weeks****Mathematics Grade 10-3 Equivalent**

This is a modularized course which covers unit pricing and currency exchange; earning an income; measurement including surface area and volume; conversion between SI and imperial units and Celsius and Fahrenheit temperature scales; angles and parallel lines; scale drawing of polygon figures; and trigonometry of right triangles.

Prerequisites: MA0091 or MA0093 or equivalent math placement test score

**MA0120 5 (6-0-0) HS 90 Hours 15 Weeks****Mathematics Grade 20-1 Equivalent**

This course explores sequences and series, radical expressions and equations, quadratic equations and functions, linear and quadratic inequalities, linear-quadratic and quadratic-quadratic systems of equations, rational expressions and equations, absolute value functions, reciprocal functions, and trigonometry including the sine and cosine laws.

Prerequisites: MA0110 or equivalent math placement test score

Notes: You may register in MA0120 if you achieved a mark of 60 percent or better in Alberta Education Math 10-C, or equivalent, within the previous two years.

**MA0122 5 (6-0-0) HS 90 Hours 15 Weeks****Mathematics Grade 20-2 Equivalent**

Topics for this course include: inductive and deductive reasoning, spatial reasoning, properties of angles and triangles, acute triangle trigonometry, sine and cosine laws, radical expressions and equations, statistical reasoning, quadratic functions and quadratic equations, rates and proportional reasoning.

Prerequisites: MA0110 or equivalent math placement test score

Notes: You may register in MA0122 if you achieved a mark of 60 percent or better in Alberta Education Math 10-C, or equivalent, within the previous two years.

**MA0123 5 (0-0-7.5) HS 112.5 Hours 15 Weeks****Mathematics Grade 20-3 Equivalent**

This is a modularized course which covers slope and rate of change; graphical representation of a given data and a statistical reasoning to support the data; surface area, volume, and capacity of various shapes; trigonometry of right triangles and scale representations; financial services and personal budgets. Emphasis is placed on applications related to trades and domestic use.

Prerequisites: MA0113 or equivalent math placement test score

Notes: You may register in MA0123 if you achieved a mark of 60 percent or better in Alberta Education Math 10-C or Math 10-3, or equivalent, within the previous two years.

**MA0130 5 (6-0-0) HS 90 Hours 15 Weeks****Mathematics Grade 12 Equivalent (Pre-Calculus 30-1)**

This course explores polynomial, radical, rational, exponential and logarithmic functions, transformation and combinations of functions, trigonometry (including the unit circle, graphs, identities and equations), and permutations and combinations.

Prerequisites: MA0120, MA0132 or equivalent, or equivalent math placement test score, or 60 percent or better in Math 20-1 or 30-2 within the previous two years.

**MA0131 5 (0-0-7.5) HS 112.5 Hours 15 Weeks****Mathematics Grade 12 Calculus Equivalent**

This course includes limits of sequences, series and functions, secants and tangents, derivatives from first principles, chain rule, product rule, quotient rule, implicit differentiation, curve sketching, maximum and minima applications, related rates applications, antiderivatives and area, limits and derivatives of trigonometric functions.

Prerequisites: MA0120 or equivalent.

Pre or Corequisite: MA0130

**MA0132 5 (6-0-0) HS 90 Hours 15 Weeks****Mathematics Grade 12 Equivalent (Principles 30-2)**

This course explores set theory, counting methods, probability, rational expressions and equations, and functions (polynomial, exponential, logarithmic and sinusoidal).

Prerequisites: MA0122 or MA0120 or equivalent, or equivalent placement test score, or Math 20-1 or 60 percent or better in Math 20-2 within the previous two years.

## Course Descriptions

**MA0133 5 (0-0-7.5) HS 112.5 Hours 15 Weeks****Mathematics 30-3 Equivalent**

This is a modularized course which covers linear relations, limits to measurement; statistics, probability and odds, properties of geometric figures, transformations, trigonometry of oblique triangles, planning for and owning a small business. Emphasis is placed on applications related to trades and personal use.

Prerequisites: MA0123 or greater than or equal to 60 percent in Math 20-3 in the last 2 years.

**MA1000 4 (3-2-0) UT 75 Hours 15 Weeks****Calculus I**

This course covers coordinates, polar coordinates, analytic geometry, functions, transcendental functions, limits, continuity, derivatives and applications, Taylor expansion, Integration and applications.

Prerequisites: Mathematics 30-1 or equivalent and Mathematics 31 or equivalent

Notes: Credit will be granted for only one of MA1130, MA1140, or MA1000. Restricted to Engineering students.

Transfer: UA\*\*, UL, AU, AF, CU, CUC, GMU\*, KUC

**MA1010 3.5 (3-1-0) UT 60 Hours 15 Weeks****Calculus II**

The course includes applications of integration to lengths, areas, volumes and masses. Transcendental functions.

Methods of integration, polar coordinates and parametric equations, vector functions and derivatives are explored.

Prerequisites: MA1000 or equivalent

Notes: Credit will be granted for only one of MA1150 or MA1010. Restricted to Engineering students.

Transfer: UA\*, UL\*, AU\*, AF, CU, CUC, GMU\*, KUC

**MA1020 3.5 (3-1-0) UT 60 Hours 15 Weeks****Applied Linear Algebra**

Vectors and matrices, solution of linear equations, equations of lines and planes, determinants, matrix algebra, orthogonality and applications (Gram-Schmidt), eigenvalues and eigenvectors and applications, complex numbers will be covered in the course.

Prerequisites: MA1000 or equivalent

Notes: Restricted to Engineering students.

Transfer: UA, UC\*, UL\*, AU\*, AF, CU, GMU\*, KUC

**MA1130 3 (3-2-0) UT 75 Hours 15 Weeks****Elementary Calculus I**

The course will include a review of analytic geometry; functions, limits, continuity; differentiation of elementary functions; applications to maxima, minima and rates; introduction to integration; Fundamental Theorem; numerical integration; and areas and other applications of the definite integral to areas.

Prerequisites: Mathematics 30-1 or equivalent

Notes: Credit will be granted for only one of MA1130, MA1140, or MA1000.

Transfer: UA\*, UC\*, AU\*, AF, CU, CUC, KUC, GMU

**MA1150 3 (3-1.5-0) UT 67.5 Hours 15 Weeks****Elementary Calculus II**

Applications of integration to areas, volumes, work force and arc lengths are included in this course. Differentiation and integration of exponential, logarithmic and trigonometric functions; techniques of integration; indeterminate forms and improper integrals.

Prerequisites: MA1130, MA1140 or MA1000

Notes: Credit will be granted for only one of MA1010 or MA1150.

Transfer: UA\*, UC\*, UL\*, AU\*, AF, CU, CUC, GMU, KUC

**MA1200 3 (3-1-0) UT 60 Hours 15 Weeks****Linear Algebra I**

Systems of linear equations, vectors in n-space, vector equations of lines and planes, matrix algebra, inverses and invertibility, introduction to linear transformations, subspaces of n-space, determinants, introduction to eigenvalues and eigenvectors, the dot product and orthogonality, applications in a variety of fields.

Prerequisites: Mathematics 30-1 or equivalent

Notes: Credit will be granted for only one of MA1020 or MA1200.

Transfer: UA, UC\*, UL\*, AU\*, AF, CU, CUC, GMU, KUC

**MA1600 3 (3-1-0) UT 60 Hours 15 Weeks****Higher Arithmetic**

Elementary Number Theory, Numeration Systems, Number Systems and Elementary Probability Theory are included in this course.

Prerequisites: Mathematics 30-1 or equivalent or Mathematics 30-2 or equivalent

Notes: This course is restricted to Elementary Education Students.

Transfer: UA, UC, UL, AU, AF, CU, GMU

## Course Descriptions

**MA2140 3 (3-1-0) UT 60 Hours 15 Weeks****Intermediate Calculus I**

Infinite series; plane curves and polar coordinates; vectors and three dimensional analytic geometry; partial derivatives will be explored.

Prerequisites: MA1150 or MA1010

Transfer: UA, UC, UL, AU, AF, CU, CUC, GMU, KUC, Other

**MA2150 3 (3-1-0) UT 60 Hours 15 Weeks****Intermediate Calculus II**

The course includes first order and second order linear differential equations with constant coefficients; curves, tangent vectors, arc length, integration in two and three dimensions, polar, cylindrical and spherical coordinates, line and surface integrals; Green's, divergence and Stoke's theorems.

Prerequisites: MA2140

Transfer: UA, UC, UL, AU, AF, CU, CUC, GMU, KUC, Other

**MA2220 3 (3-1-0) UT 60 Hours 15 Weeks****Introduction to Discrete Mathematics**

A problem-solving approach to discrete mathematics, covering secret codes, public-key codes, error-correcting codes, enumeration, recurrence relations, induction, graph theory, graph algorithms and parallel algorithms.

Prerequisites: Any 1000-level Mathematics course (MA1200 recommended)

Transfer: UA, AF, GMU, MRU, KUC

**MA2250 3 (3-1-0) UT 60 Hours 15 Weeks****Linear Algebra II**

Vector spaces; inner product spaces; examples of  $n$ -space and the space of continuous functions. Gram-Schmidt process, QR-factorization of a matrix and least squares. Linear transformations, change of basis, similarity and diagonalization. Orthogonal diagonalization, quadratic forms. Applications in a variety of fields, numerical methods.

Prerequisites: MA1020 or MA1200, and Mathematics 31 or 1000-level Calculus course

Notes: Not offered every year.

Transfer: UA, UC, UL, AU, AF, GMU, KUC

**MA2280 3 (3-0-0) UT 45 Hours 15 Weeks****Introduction to Ring Theory**

Integers. Mathematical induction. Equivalence relations. Commutative rings, including the integers mod  $n$ , complex numbers and polynomials. The Chinese remainder theorem. Fields and integral domains. Euclidean domains, principal ideal domains and unique factorization. Quotient rings and homomorphisms. Construction of finite fields. Applications such as public domain, encryption, Latin squares and designs, polynomial error detecting codes, and/or addition and multiplication of large integers.

Prerequisites: MA1020 or MA1200

Notes: Not offered every year.

Transfer: UA\*, UC\*, UL, AU, AF\*, GMU, KUC

**MA2410 3 (3-1-0) UT 60 Hours 15 Weeks****Geometry**

This course will cover Euclidean geometry, congruence, parallelism, area, and similarity. Also, axiomatic development, problem solving, construction and loci, inequalities, maxima and minima, circles, isometrics and more.

Prerequisites: Any 1000-level Mathematics course

Transfer: UA, AF, GMU, MRU, KUC

**MA2600 3 (3-2-0) UT 75 Hours 15 Weeks****Topics in Mathematics**

Problem solving in different areas of mathematics. Topics include: inductive and deductive reasoning; Introduction to logic, truth tables, and Venn diagrams; Mathematical Induction; Euclidean geometry, curves, polygons, area, volume, and geometric constructions; Angle measurement and Trigonometry; Counting methods and the Pigeonhole Principle, Factorials, Permutations and Combinations, Introduction to Probability.

Prerequisites: MA1600 or any 1000-level Math course

Transfer: MRU, AU, UA\*, UC, GMU

***Motorcycle Mechanics*****MCM100 8 (10-0-0) 160 Hours 16 Weeks****Theory I**

Subjects include shop safety, hand tools, measuring tools, wheels and tires, brake system operation, frame and suspension operation, basic electricity and lighting systems, carburetion, two-stroke tuning, two-stroke top end rebuild, motorcycle assembly, PDI, storage procedures, final drive operation, inspection and maintenance, lubrication and cooling systems, safe use of oxyacetylene welding equipment, recognition and interpretation of motorcycle parts.

## Course Descriptions

### **MCM150 7 (0-0-20) 320 Hours 16 Weeks**

#### **Shop I**

Subjects covered in Shop I include: shop orientation and safety, hand tools, measuring and machine tools, wheels and tires, brake systems, frame and suspensions, basic electricity, lighting systems, carburetion, two-stroke tuning, two-stroke top end rebuild, motorcycle uncrating and assembly, storage procedures, lubrication and cooling systems.

### **MCM200 6 (10-0-0) 120 Hours 12 Weeks**

#### **Theory II**

Subjects covered in Theory II include: charging, starting and ignition systems, four-stroke top end diagnosis, inspection and reconditioning, transmission operation, clutch and primary drive designs, two-stroke and roller bearing crankshaft inspection and repair, plain bearing crankshaft inspection.

### **MCM250 5 (0-0-20) 240 Hours 12 Weeks**

#### **Shop II**

Subjects covered in Shop II include: charging, starting and ignition systems, four-stroke tuning, four-stroke top end diagnosis, inspection and reconditioning procedures, transmissions, two-stroke and roller bearing crankshaft inspection and repair, plain bearing crankshaft inspection and repair and fuel injection.

### ***Management***

### **MG2000 3 (3-0-0) UT 45 Hours 15 Weeks**

#### **Introduction to Management**

This is an introduction to the basic characteristics of Canadian Business and management concepts. Through the review of the functions of management using a systems approach, modern management theory and practice are studied. The current issues of business ethics, environmental concerns, international management, women in management and political environment are reviewed.

Transfer: UA, UL, AU, AF, CU, CUC, GMU, UC\*, KUC

### **MG3120 3 (3-0-1) UT 60 Hours 15 Weeks**

#### **Applied Statistics for Business and Economics II**

Statistical inference for variance; statistical inference for the means; proportions and variances from two populations; analysis of variance; non-parametric statistics; joint probability distributions; marginal and conditional distributions; covariance; correlation and independence; contingency tables; simple linear regression; multiple linear regression; nonlinear regression; and time series analysis are topics covered in the course.

Prerequisites: ST1510

Notes: BA2060 is an acceptable prerequisite for students enrolling in MG3120 to fulfill a requirement in an Athabasca University Degree Program.

Transfer: UA, UC\*, UL, AU, AF, CU, CUC, GMU, KUC\*

### ***Microbiology***

### **MI1330 3 (3-0-0) UT Pending 45 Hours 15 Weeks**

#### **Medical Microbiology for Health Care Professionals**

Introductory course in medical microbiology designed for students enrolled in health care related programs. This course begins with basic information on microorganisms (bacteria, viruses, fungi, parasites and prions), the immune system, infection control, transmission of infection, epidemiology, antimicrobials, disinfection and sterilization. The later part of the course concentrates on infectious diseases caused by pathogenic microorganisms.

Notes: Restricted to Nursing students.

Transfer: UA, UL, AU, AF, CU, KUC

### **MI2650 3 (3-0-4) UT 105 Hours 15 Weeks**

#### **General Microbiology**

This course will focus on the structure and physiology of free-living and pathogenic bacteria. The diversity of their metabolic activities, the interaction of microbes with their environment, symbiotic relationships and cell-to-cell communication are major topics. Lectures and laboratory exercises are coordinated to explore topics in basic microbiology, environmental microbiology, molecular microbiology, and the production of economically or medically important products through microbial biotechnology.

Prerequisites: BI1070 and CH1610 or CH2610

Transfer: UA, UC, UL, AU, AF, CU, GMU, KUC

## Course Descriptions

### **MI2950 3 (3-0-0) UT 45 Hours 15 Weeks**

#### **Infection and Immunity**

Introduces the principles and mechanisms of immunity in eukaryotes. Provides an overview of the major groups of infectious agents (virus, bacteria, parasites) and examines selected microorganisms within the context of the host response to pathogens and pathogen evasion strategies.

Prerequisites: (or corequisites) MI2650 and BC2000.

Transfer: UA, UC\*, UL, AU, KUC, AF

### **Marketing**

### **MK3960 3 (3-0-0) UT 45 Hours 15 Weeks**

#### **Introduction to Marketing**

This course explores all aspects of marketing, with a particular emphasis on the consumer, the "people" component of the definition.

Transfer: UA, UC\*, UL, AU, AF, CU, GMU, KUC

### **MK4060 3 (3-0-0) UT 45 Hours 15 Weeks**

#### **Consumer Behaviour**

This course examines consumer behaviour both as a consumer and as a manager attempting to influence consumers. It will examine how consumption decisions are made, logical and emotional thought processes of the consumer, and how culture impacts these processes. In addition, consumer behaviour will be examined with the objective of establishing effective marketing strategy.

Prerequisites: MK3960 or equivalent

Transfer: UA, UC\*, UL, AF

### **Music**

### **MU1000 3 (3-0-0) UT 45 Hours 15 Weeks**

#### **Rudiments of Music**

The fundamentals of music theory are approached through aural and written training.

Prerequisites: No previous knowledge of music is required  
Notes: Recommended as a Fine Arts option for Bachelor of Arts.

Transfer: UA, UC\*, UL\*, AU, AF, CU, KUC

### **MU1010 3 (3-0-0) UT 45 Hours 15 Weeks**

#### **Introduction to Music**

An introduction to active music listening and music literature. Focus is on developing listening skills and awareness of musical style. A brief survey of Western art (classical) music is included.

Prerequisites: None. No previous musical knowledge or skills required

Notes: Recommended as a Fine Arts option for Bachelor of Arts.

Transfer: UA, UC\*, UL, AU, AF, CU, CUC, GMU, KUC

### **MU1220 3 (0.5-0-0) UT 15 Hours 30 Weeks**

#### **Second Practical Subject I**

Private study of voice or a non-principal instrument. This is a two-term course offered over fall/winter terms. It is identifiable in the Schedule of Courses (Timetable) with a Part A and a Part B. Students must register in both the Part A and the Part B of all types of sections offered (sections, labs, seminars, etc.) for this course.

Prerequisites: MU1000 or successful completion of a music theory placement exam or Grade 2 Royal Conservatory Theory Exam and aural skills exam.

Notes: Up until August 15th, this course is restricted to full-time students in Bachelor of Music and Bachelor of Music combined degree Programs. Students in other programs with the completed prerequisites may enroll after August 15th provided space is available. Transfer of this course outside of the music programs is not guaranteed. Students should be prepared to pay for the use of a studio accompanist for juries, recitals, repertoire classes and private rehearsal sessions.

Transfer: UA, UC, UL, AU, AF, CU, CUC, KUC

### **MU1240 3 (0.5-0-0) UT 15 Hours 30 Weeks**

#### **Applied Music I**

Private study of voice or your principal instrument. This is a two-term course offered over fall/winter terms. It is identifiable in the Schedule of Courses (Timetable) with a Part A and a Part B. Students must register in both the Part A and the Part B of all types of sections offered (sections, labs, seminars, etc.) for this course.

Prerequisites: MU1000 or successful completion of a music theory placement exam or Grade 2 Royal Conservatory Theory Exam and aural skills exam.

Corequisites: MU1400 or MU1410 is required for all Bachelor of Arts music majors/minors

Notes: Up until August 15th, this course is restricted to full-time music major/minors in students in Bachelor of Arts and Bachelor of Education Programs. Students in other programs with the completed prerequisites may enroll after August 15th provided space is available. Transfer of this course outside of the music programs is not guaranteed. Students should be prepared to pay for the use of a studio accompanist for juries, recitals, repertoire classes and private rehearsal sessions.

Transfer: UA, UL, AU, AF, CUC, Other\*

## Course Descriptions

### **MU1250 6 (2-0-0) UT 60 Hours 30 Weeks**

#### **Applied Music I**

Private study of voice or your principal instrument. This is a two-term course offered over fall/winter terms. It is identifiable in the Schedule of Courses (Timetable) with a Part A and a Part B. Students must register in both the Part A and the Part B of all types of sections offered (sections, labs, seminars, etc.) for this course.

Prerequisites: MU1000 or successful completion of a music theory placement exam or Grade 2 Royal Conservatory Theory Exam and aural skills exam.

Corequisites: MU1400 or MU1410

Notes: Up until August 15th, this course is restricted to full-time music major/minors in students in Bachelor of Arts and Bachelor of Education Programs. Students in other programs with the completed prerequisites may enroll after August 15th provided space is available. Transfer of this course outside of the music programs is not guaranteed. Students should be prepared to pay for the use of a studio accompanist for juries, recitals, repertoire classes and private rehearsal sessions.

Transfer: UA\*, UC\*, UL\*, AU, AF\*, CU, CUC, KUC, GMU\*

### **MU1400 3 (0-0-4) UT 120 Hours 30 Weeks**

#### **Choral Ensemble I**

Students will gain experience performing choral literature from a variety of periods and genres. This is a two-term course offered over fall/winter terms. It is identifiable in the Schedule of Courses (Timetable) with a Part A and a Part B. Students must register in both the Part A and the Part B of all types of sections offered (sections, labs, seminars, etc.) for this course.

Prerequisites: Consent of the Department based on audition

Notes: MU1400 or MU1410 is required for all Bachelor of Music and Bachelor of Music Combined degree students registered in MU1250, and a recommended Corequisite for other students registered in MU1240 or MU1250

Transfer: UA, UC, UL\*, AU, AF, KUC\*, Other\*

### **MU1410 3 (0-0-4) UT 120 Hours 30 Weeks**

#### **Instrumental Ensemble I**

Students will gain experience performing ensemble literature from a variety of periods and genres. Students are required to participate in an ensemble related specifically to their field of study. This is a two-term course offered over fall/winter terms. It is identifiable in the Schedule of Courses (Timetable) with a Part A and a Part B. Students must register in both the Part A and the Part B of all types of sections offered (sections, labs, seminars, etc.) for this course.

Prerequisites: Consent of the Department based upon audition

Notes: MU1400, MU1410 or MU1490 is required for all Bachelor of Music and Bachelor of Music Combined Degree students enrolled in MU1250 and a recommended corequisite for other students enrolled in MU1240 or MU1250.

Transfer: UA\*, UC, UL, AF\*, KUC, Other\*

### **MU1490 3 (0-0-4) UT 120 Hours 30 Weeks**

#### **Jazz Ensemble I**

The jazz ensemble is a performing group consisting of brass, woodwind, string and percussion instruments that plays jazz band literature in at least two concerts per year. Students will gain experience performing ensemble literature from a variety of periods and genres. This is a two-term course offered over fall/winter terms. It is identifiable in the Schedule of Courses (Timetable) with a Part A and a Part B. Students must register in both the Part A and the Part B of all types of sections offered (sections, labs, seminars, etc.) for this course.

Corequisites: MU1400, MU1410 or MU1490 is required for all Bachelor of Music and Bachelor of Music Combined degree students registered in MU1250 and a recommended corequisite for students enrolled in MU1240 or MU1250.

Transfer: UA\*, UC, UL, AF\*, KUC\*, Other\*

### **MU1510 3 (0-0-3) UT 90 Hours 30 Weeks**

#### **Aural and Keyboard Skills I**

This course explores the aural perception of materials covered in MU1550 and MU1560 through the practice of sight-singing, dictation and keyboard harmony. This is a two-term course offered over fall/winter terms. It is identifiable in the Schedule of Courses (Timetable) with a Part A and a Part B. Students must register in both the Part A and the Part B of all types of sections offered (sections, labs, seminars, etc.) for this course.

Prerequisites: MU1000 or successful completion of a music theory placement exam or Grade 2 Royal Conservatory Theory Exam and aural skills exam.

Corequisites: MU1550 or MU1560

Transfer: UA, UC, UL, AU, AF, CU, CUC, KUC, GMU\*

## Course Descriptions

**MU1550 3 (3-0-0) UT 45 Hours 15 Weeks****Music Theory I**

This is a study of Common Practice harmony, including elementary analysis with discussion of elements of formal contrapuntal writing, chord progressions, and chorale textures.

Prerequisites: MU1000 or successful completion of a music theory placement exam or Grade 2 Royal Conservatory Theory Exam and aural skills exam.

Transfer: UA, UC, UL, AU, AF, CU, KUC, GMU

**MU1560 3 (3-0-0) UT 45 Hours 15 Weeks****Music Theory II**

This course continues the study of Common Practice harmony and elementary formal analysis.

Prerequisites: MU1550

Transfer: UA, UC, UL, AU, AF, CU, KUC

**MU1650 3 (3-0-0) UT 45 Hours 15 Weeks****Introduction to World Music**

This is an introduction to music of the world and to ethnomusicology, the study of music in a cultural context. Case studies of music from several cultures and continents will be examined. The development of listening skills is an integral part of this course.

Prerequisites: No prerequisites, no musical knowledge or skills required

Transfer: UA, UC\*, UL, AU, AF, CU, CUC, KUC

**MU2090 3 (3-0-0) UT 45 Hours 15 Weeks****Woodwind Techniques I**

The course provides class instruction on clarinet and saxophone with a focus on pedagogical preparation for teaching instrumental music. No previous experience required.

Prerequisites: An ability to read music

Transfer: UA, AU, AF, CU, CUC, KUC, Other

**MU2110 3 (3-0-0) UT 45 Hours 15 Weeks****Woodwind Techniques II**

This provides a continuation of MU 2090 with a study of the flute, oboe and bassoon.

Prerequisites: MU2090

Transfer: UA, AU, AF, CU, CUC, KUC, Other

**MU2200 3 (3-0-0) UT 45 Hours 15 Weeks****Percussion Techniques**

This course provides class instruction on percussion instruments with a focus on pedagogical preparation.

Prerequisites: An ability to read music

Transfer: UA, UC, AU, AF, CU, CUC, KUC

**MU2220 3 (0.5-0-0) UT 15 Hours 30 Weeks****Second Practical Subject II**

Private study of voice or your principal instrument.

Bachelor of Music students may use this course as a means of preparing to complete their Piano Proficiency Exam.

This is a two-term course offered over fall/winter terms. It is identifiable in the Schedule of Courses (Timetable) with a Part A and a Part B. Students must register in both the Part A and the Part B of all types of sections offered (sections, labs, seminars, etc.) for this course.

Prerequisites: Consent of the Department

Notes: Up until August 15th, this course is restricted to full-time students in Bachelor of Music and Bachelor of Music combined degree Programs. Students in other programs with the completed prerequisites may enroll after August 15th provided space is available. Transfer of this course outside of the music programs is not guaranteed. Students should be prepared to pay for the use of a studio accompanist for juries, recitals, repertoire classes and private rehearsal sessions.

Transfer: UA, UC, UL, AU, AF, CU, CUC, KUC

**MU2240 3 (0.5-0-0) UT 15 Hours 30 Weeks****Applied Music II**

Private study of voice or your principal instrument. A brief performance for the faculty is required at the end of each semester. This is a two-term course offered over fall/winter terms. It is identifiable in the Schedule of Courses (Timetable) with a Part A and a Part B. Students must register in both the Part A and the Part B of all types of sections offered (sections, labs, seminars, etc.) for this course.

Prerequisites: MU1240

Corequisites: MU2400 or MU2410 is required for all Bachelor of Arts music major/minors

Notes: Up until August 15th, this course is restricted to full-time music major/minors in students in Bachelor of Arts and Bachelor of Education Programs. Students in other programs with the completed prerequisites may enroll after August 15th provided space is available. Transfer of this course outside of the music programs is not guaranteed. Students should be prepared to pay for the use of a studio accompanist for juries, recitals, repertoire classes and private rehearsal sessions.

Transfer: UA, UL, AU, AF, CUC, Other\*

## Course Descriptions

### **MU2250 6 (2-0-0) UT 60 Hours 30 Weeks**

#### **Applied Music II**

Private study of voice or your principal instrument. This is a two-term course offered over fall/winter terms. It is identifiable in the Schedule of Courses (Timetable) with a Part A and a Part B. Students must register in both the Part A and the Part B of all types of sections offered (sections, labs, seminars, etc.) for this course.

Prerequisites: MU1250

Corequisites: MU2400 or MU2410

Notes: Up until August 15th, this course is restricted to full-time students in Bachelor of Music and Bachelor of Music combined degree Programs. Students in other programs with the completed prerequisites may enroll after August 15th provided space is available. Transfer of this course outside of the music programs is not guaranteed.

Students should be prepared to pay for the use of a studio accompanist for juries, recitals, repertoire classes and private rehearsal sessions.

Transfer: UA\*, UC\*, UL\*, AU, AF, KUC

### **MU2400 3 (0-4-0) UT 120 Hours 30 Weeks**

#### **Choral Ensemble II**

This is the second year of participation in Choral Ensemble. This is a two-term course offered over fall/winter terms. It is identifiable in the Schedule of Courses (Timetable) with a Part A and a Part B. Students must register in both the Part A and the Part B of all types of sections offered (sections, labs, seminars, etc.) for this course.

Prerequisites: MU1400

Transfer: UA\*, UC, UL\*, AU, AF, KUC\*

### **MU2410 3 (0-4-0) UT 120 Hours 30 Weeks**

#### **Instrumental Ensemble II**

This is the second year of participation in an Instrumental Ensemble. This is a two-term course offered over fall/winter terms. It is identifiable in the Schedule of Courses (Timetable) with a Part A and a Part B. Students must register in both the Part A and the Part B of all types of sections offered (sections, labs, seminars, etc.) for this course.

Prerequisites: MU1410

Transfer: UA\*, UC, UL, AF\*, KUC

### **MU2490 3 (0-0-4) UT 120 Hours 30 Weeks**

#### **Jazz Ensemble II**

This is the second year of participation in jazz ensemble. The jazz ensemble is a performing group consisting of brass, woodwind, string and percussion instruments that plays jazz band literature in at least two concerts per year. Students will gain experience performing ensemble literature from a variety of periods and genres. This is a two-term course offered over fall/winter terms. It is identifiable in the Schedule of Courses (Timetable) with a Part A and a Part B. Students must register in both the Part A and the Part B of all types of sections offered (sections, labs, seminars, etc.) for this course.

Prerequisites: MU1490

Transfer: UA\*, UC, UL, AF\*, KUC\*

### **MU2510 3 (0-3-0) UT 90 Hours 30 Weeks**

#### **Aural and Keyboard Skills II**

The aural perception of materials covered in MU2550 and MU2560 through the practice of sight-singing, dictation and keyboard harmony is covered. This is a two-term course offered over fall/winter terms. It is identifiable in the Schedule of Courses (Timetable) with a Part A and a Part B. Students must register in both the Part A and the Part B of all types of sections offered (sections, labs, seminars, etc.) for this course.

Prerequisites: MU1510 and MU1560

Corequisites: MU2550 and MU2560

Transfer: UA, UC, UL, AU, AF, CU, CUC, KUC

### **MU2550 3 (3-0-0) UT 45 Hours 15 Weeks**

#### **Music Theory III**

The course is a continuation of the study of Common Practice harmony, including larger forms and writing in a variety of texture.

Prerequisites: MU1560

Transfer: UA, UC, UL, AU, AF, CU, KUC

### **MU2560 3 (3-0-0) UT 45 Hours 15 Weeks**

#### **Music Theory IV**

This course is a continuation of the study of Common Practice harmony including larger forms and writing in a variety of textures.

Prerequisites: MU2550

Transfer: UA, UC, UL, AU, AF, CU, KUC



## Course Descriptions

**MU2570 3 (1.5-0-1.5) UT 45 Hours 15 Weeks****Song Writing I**

An exploration of practice, design, and structures of song writing, including lyrics, melodies, harmonic progressions, and forms. In assignments, students will use a variety of techniques to unify those aspects into successful compositions.

Prerequisites: MU1550

Transfer: UL

**MU2620 3 (3-0-0) UT 45 Hours 15 Weeks****Women in Music**

The role of women as creative musical forces in the Western art traditions of Europe and North America are explored from Hildegard of Bingen in the 12th century to current trends of the 21st century. This is a study of women's contribution to the field of music as composers, performers, pedagogues, scholars and patrons. An interdisciplinary approach reveals how social and cultural context have affected the artistic process for female musicians.

Notes: No prerequisites, no musical knowledge or skills required.

Transfer: UA, UL, AU, AF, UC

**MU2640 3 (3-0-0) UT 45 Hours 15 Weeks****Topics in Popular Music**

This course provides the opportunity to study several aspects of popular music, and the society and culture that surrounds it. Topics may include politics and propaganda; issues of gender, sexuality and race; identity and counterculture; music lyrics, and video analysis.

Prerequisites: DD1021 or consent of instructor

Transfer: UA, UC, UL, AU, AF

**MU2800 3 (3-0-0) UT 45 Hours 15 Weeks****Introduction to the Study of Western Art Music History**

A study of musical thought from classical Greek civilization and a historical survey of music from Medieval Period through the Renaissance. Students will be introduced to the musical terminology and concepts of the periods under study. They will develop skills of aural recognition, writing, research methods and correct bibliographic practices.

Prerequisites: MU1550

Notes: This course is intended for B. Mus. and B. Ed.

Music majors and minors.

Transfer: UA, UC, UL, AU, Other

**MU2830 3 (3-0-0) UT 45 Hours 15 Weeks****Western Art Music History**

An historical survey of music from the Baroque period (1600-1750) through to the music of the early part of the Romantic period (1850). Students will concentrate on the various styles and genres of the periods under study. They will further develop skills of aural recognition, writing, research methods, and correct bibliographic practices.

Prerequisites: MU1560

Transfer: UA, UC, AF, Other

***Millwright*****MW101 7 (9-0-0) 148 Hours 16 Weeks****Millwright Theory**

This course is designed to introduce the students to the apprenticeship system, the millwright and Machinist industry, the types of equipment used and the terminology of the trade. Topics to be included are apprenticeship orientation, safety, grinders, power saws, lathes, drilling and milling, limits and fits, and metallurgy.

**MW102 4 (0-0-11) 176 Hours 16 Weeks****Millwright Shop**

This course is designed to develop the student's skill of applying theoretical knowledge. Students will be required to demonstrate competency by using millwright and machinist equipment as each theoretical component is covered throughout the course. Safety will be emphasized.

**MW103 3 (4-0-0) 64 Hours 16 Weeks****Millwright Trades Math**

This course integrates academic math with the job of a Millwright and Machinist. Emphasis will be placed on the application of mathematical calculations in the Millwright and Machinist industry. Topics to be included are measurements, ratios, triangles and tables. The student will be expected to apply this knowledge when participating in shop activities.

**MW104 2 (3-0-0) 48 Hours 16 Weeks****Millwright Applied Print Reading**

This course is designed to develop the student's skill of deciphering print into a variety of views. Topics to be included are isometric views, orthographic views, sectional views and commercial shape. The student will be expected to apply this knowledge when participating in shop activities.

## Course Descriptions

**MW105 2 (1-0-2) 48 Hours 16 Weeks****Millwright Alignment Rigging and Fasteners**

This course is designed to introduce the student to fasteners, rigging methods and alignment precision. Topics to be included are leveling tools, locking devices, tensioning and procedural lock out. The student will be expected to apply this knowledge when participating in shop activities. Safety will be emphasized.

*Nursing***NS1035 6 (3-3-2) UT 120 Hours 15 Weeks****Introduction to Nursing Theory**

Focus is on the basic concepts of the nursing profession and discipline: nursing, person, health and environment. These concepts will be explored within the context of primary health care and changing perspectives of health and how this evolution has impacted the development of the profession of nursing. The philosophical, theoretical, historical, ethical and legal underpinnings of professional nursing practice will be examined.

Corequisites: PZ1515 and NS1055

Notes: Available only to Nursing students.

Transfer: UA

**NS1055 4 (3-0-3) UT 90 Hours 15 Weeks****Introduction to Health Assessment**

Focus is on the health assessment of the well adult with the expected aging modifications. The course provides a beginning foundation of assessment skills and technologies necessary for determining client health status within the context of a nursing framework. Factors influencing lifestyles and personal health practices are included.

Corequisites: PZ1515 and NS1035

Notes: Available only to Nursing students.

Transfer: UA

**NS1410 3 (0-3-0) UT 45 Hours 15 Weeks****Interprofessional Health Team Development**

A process learning course intended to provide knowledge, skills and experience in building interprofessional (IP) health care teams.

Notes: Available only to Nursing students

Transfer: UA

**NS1500 6 (6-0-0) UT 90 Hours 15 Weeks****Anatomy and Physiology**

Introduction to the structure of the human body and an introduction to human physiology.

Notes: Available only to Nursing students.

Transfer: UA

**NS2015 3 (0-5.5-0) UT 39 Hours 7 Weeks****Introduction to Nursing Theory II**

Focuses on health promotion and support to individuals in the pursuit of health throughout their lives. A variety of concepts from nursing and other disciplines will be integrated into the overall learning. Students will be initiated into nursing roles with individuals in the community, assisted living, and long-term care settings.

Prerequisites: NS1035, NS1055, and PZ1515

Notes: Available only to Nursing students

Transfer: UA

**NS2025 6 (0-0-28) UT 196 Hours 7 Weeks****Introduction to Nursing Practice**

This course introduces students to nursing practice.

Practice focuses on individuals in community and long-term care settings.

Prerequisites: NS1035, NS1055, and PZ1515

Notes: Available only to Nursing students.

Transfer: UA

**NS2055 6 (4-8-4) UT 112 Hours 7 Weeks****Community Nursing Theory**

Focus is on the philosophical and theoretical domains of nursing individuals, families and groups in the community across the lifespan. Students will also specifically explore theory related to the nursing care of the child-bearing family. Community nursing management and intervention consistent with the principles of primary health care will be explored and fostered.

Prerequisites: NS2015, NS2025, and NS2150

Notes: Available only to Nursing students

Transfer: UA

**NS2060 6 (0-0-32) UT 224 Hours 7 Weeks****Community Nursing Practice**

Students will have the opportunity to apply concepts of community health nursing. Nursing practice will include health assessment and interventions with child-bearing families. Students will develop competence in both family and community assessments, the use of therapeutic communication skills and the planning, implementation and evaluation of community nursing interventions.

Prerequisites: NS2150, NS2015, and NS2025

Notes: Available only to Nursing students

Transfer: UA

## Course Descriptions

**NS2150 3 (3-0-0) UT 45 Hours 15 Weeks****Pharmacotherapeutics in Nursing**

Focus on the mechanisms of action of drugs, their therapeutic uses and side effect profile. General principles related to drug absorption, distribution, metabolism, and excretion will be addressed. The nursing role in promoting optimal therapeutic regimens and in the management of side/adverse effects will be included.

Transfer: UA

**NS2710 3 (3-0-0) UT 45 Hours 15 Weeks****Pain Assessment and Management**

This course offers an in-depth exploration of the multidimensional nature of pain, current pain theories and models and research-based knowledge and skills relevant for competence in pain assessment and management in nursing practice. An individualized, patient-centered and interprofessional team approach will be emphasized.

Prerequisites: NS1500 and PZ1515 or equivalent or with instructor permission.

Transfer: UA, UL

**NS3010 3 (3-0-0) UT 45 Hours 15 Weeks****Nursing Research**

Introduction to the process of research through a comparative analysis of selected studies exemplifying different theoretical, methodological and analytical approaches. Emphasis is on the communicability of research, the needs of the research consumer, and the development of skills of critical appraisal.

Prerequisites: (or corequisite) Statistics elective

Notes: Credit will be granted for one of NS3690, or NS3010 and Statistics (3).

Transfer: UA, AU

**NS3070 6 (4-8-6) Pending 126 Hours 7 Weeks****Acute Care Nursing Theory I**

The primary focus is the theoretical foundation for the client-centered care of adults and older adults and their families experiencing variations in health (acute and chronic illnesses). Comprehensive assessment and best practice interventions are addressed within the context of a primary health care framework and a nursing model.

Prerequisites: NS2015, NS2025, and NS2150

Notes: Available only to Nursing students

**NS3080 6 (0-0-32) Pending 224 Hours 7 Weeks****Acute Care Nursing Practice I**

The primary focus is the application of theory in the client-centered care of hospitalized adults and older adults and their families experiencing variations in health (acute and chronic illnesses). Practice occurs primarily in primary, secondary and tertiary acute care settings.

Prerequisites: NS2015, NS2025, and NS2150

Notes: Available only to Nursing students

**NS3090 6 (3-6-3) Pending 84 Hours 7 Weeks****Mental Health Nursing Theory**

Focus is on theory related to the promotion of mental health and the nursing care of people with acute and chronic alterations in mental health.

Prerequisites: NS2015, NS2025, and NS2150

Notes: Available only to Nursing students

**NS3100 6 (0-3-24) Pending 189 Hours 7 Weeks****Mental Health Nursing Practice**

Students will have the opportunity to apply concepts of mental health nursing to the care of individuals experiencing acute and chronic alterations in mental health in hospital or community settings.

Prerequisites: NS2015, NS2025, and NS2150

Notes: Available only to Nursing students

***Native Studies*****NT1000 3 (3-0-0) UT 45 Hours 15 Weeks****Research & Writing in the Context of Indigenous & Settler Relations**

An Introduction to research and writing skills through an introductory review of contemporary Indigenous and Settler decolonization.

Transfer: UA, UC, AU, AF, CU, GMU

**NT1521 3 (4-0-1) UT 75 Hours 15 Weeks****Introductory Cree I**

Introductory Cree I is a general introduction to Plains Cree (Y dialect) grammar, and vocabulary with an emphasis in the practice in speaking and working in the language laboratory.

Prerequisites: No prior knowledge in Cree is assumed.

Transfer: UC, UL, AU, AF, Other

**NT1522 3 (4-0-1) UT 75 Hours 15 Weeks****Introductory Cree II**

Introductory Cree II is a general introduction to Plains Cree (Y dialect) grammar and vocabulary with an emphasis in the practice in speaking and working in the language laboratory.

Prerequisites: NT1521

Transfer: UC, UL, AF, Other

## Course Descriptions

**NT2030 3 (3-0-0) UT 45 Hours 15 Weeks****Indigenous Ways of Knowing**

An introduction to Indigenous Peoples' philosophies and regeneration of ways of knowing, indigeneity, cultural and ceremonial life.

Transfer: UA, UL, UC, CU, AU

**NT2300 3 (3-0-0) UT 45 Hours 15 Weeks****Introduction to Indigenous Governance**

Introduction to indigenous governance and resurgence through contemporary perspectives on the political relationship between Indigenous peoples and the State in Canada.

Transfer: UA, UC

**NT2400 3 (3-0-0) UT 45 Hours 15 Weeks****Indigenous Approaches to Community Research and Leadership Development**

Introduction to wise practice approaches of centering Indigenous cultures in community research and development. The course reflects on elements of successful Indigenous community economic development and the importance of developing Indigenous leadership in the creation of community capacity and sustainability.

Transfer: UA, UC, CU

**NT2500 3 (3-0-0) UT 45 Hours 15 Weeks****Administration for Indigenous Organizations**

Introduction to insights on Indigenous leadership and the creation and maintenance of organizations, projects, and programs. Examining elements of Indigenous management, policy making, and the embodiment of beliefs, values, and behaviours in the context of an organizational culture.

Prerequisites: MG2000

Transfer: UA, UC

***Office Administration*****OA1030 3 (4.5-0-0) 67.5 Hours 15 Weeks****Business Communications I**

This course will help you develop editing, proofreading and writing skills for effective business communications. Upon completing this course, you will write and speak according to Standard English usage principles of word choice, spelling, sentence construction, grammar, punctuation and pronunciation. You will communicate with the English style that contributes to advancement in careers requiring excellent communication skills.

**OA1040 3 (4.5-0-0) 67.5 Hours 15 Weeks****Business Communications II**

The course applies the principles learned in OA1030 to the techniques or writing different types of letters, memos and short reports. It emphasizes oral communication, punctuation and proofreading skills.

Prerequisites: OA1030 or consent of instructor

Notes: Credit will be granted for one of OA1040 or OA2040.

**OA1065 3 (3-0-1.5) 67.5 Hours 15 Weeks****Word Core**

This course focuses on the core skills necessary for production of professional business documents. Student will learn Word core level skills including: creating, printing, and editing documents, formatting characters, paragraphs, documents and sections; maintaining documents; writing tools; manipulating tabs and text within documents; merging; and special format characters.

**OA1075 3 (3-0-1.5) 67.5 Hours 15 Weeks****Word Expert**

This course covers expert level concepts and techniques of Microsoft Word through lectures, demonstrations, and hands on practical applications. Emphasis will be placed on the production of professional business documents such as long documents, fill-in forms, merged documents including multi-page merged letters, and desktop publishing documents. Students will be expected to produce these professional business documents in a timed environment. Students will master the software concepts required to gain the Microsoft Certification - Word.

Prerequisites: OA1065

**OA1145 3 (3-0-1.5) 67.5 Hours 15 Weeks****Excel and Access Core**

This course is intended to familiarize the student with the comprehensive use and professional application of computers in daily office activities. Students will be expected to develop a core level knowledge of Microsoft Excel and Access. This course also introduces the current operating system, computer terminology, electronic file management and business math concepts.

**OA1155 3 (3-0-1.5) 67.5 Hours 15 Weeks****Access and PowerPoint Expert**

This course covers expert level concepts and techniques of Microsoft Access and PowerPoint through lectures, demonstrations, and hands on practical applications. Students will master the software concepts required to gain the Microsoft Office Certification - Access and PowerPoint. Students will also become familiar with OneNote.

Prerequisites: OA1145

## Course Descriptions

**OA1215 3 (3-0-2) 75 Hours 15 Weeks****Canadian Office Procedures**

This modularized course covers the essential fundamentals of working in a professional office including: human relations, filing and records management, email records in Outlook, management of work, time, and resources, Outlook Tasks and Calendar, organizational office structure and office layout, telephone and front-line reception, scheduling using Outlook Calendar, Tasks and Journalizing using Outlook, reprographics; meetings and conferences, Outlook Contacts and Meetings, in-coming and out-going mail, volunteerism, professional development; and employment strategies and job success skills.

**OA1231 1.5 (0-0-3) 45 Hours 15 Weeks****Skill Building I**

This course focuses on the development of keyboarding speed and accuracy through proven individualized skill building drills.

**OA1232 1.5 (0-0-3) 45 Hours 15 Weeks****Skill Building II**

This course focuses on the development of keyboarding speed and accuracy through proven individualized skill building drills.

**OA1240 3 (0-0-12) 120 Hours 10 Weeks****Work Experience**

This course provides an opportunity for the student to work in a supervised office environment and apply skills and knowledge learned in the program. A minimum of 120 hours of work experience over one semester is required. Students will complete an orientation to office information systems prior to the practicum. Students will work full shifts in a professional office with an experience office manager. The office manager will act as supervisor and the student will follow the supervisor's work rotation.

**OA1275 3 (1.5-0-1.5) 45 Hours 15 Weeks****Excel Expert**

This course covers expert level concepts and techniques of Microsoft Excel through lectures, demonstrations, and hands on practical applications. Students will learn how to prepare and format a worksheet, maintain and enhance workbooks, advanced formatting, formulas and data management, and managing and integrating data. Students will be prepared to successfully challenge the Microsoft Office Specialist Excel Certification Exam and attain this globally recognized certificate directly from Microsoft. Prerequisites: OA1145

**OA1310 3 (3-0-0) 45 Hours 15 Weeks****Basic Bookkeeping I**

This course begins your career path as a professional bookkeeper and introduces you to basic bookkeeping principles, procedures and concepts as applied to a service business. The bookkeeping cycle, including journals, ledgers and preparation of financial statements is covered. The course will present accounting principles in a clear and comprehensive classroom and lab format. Realistic and practical applications ensure that the basics of financial bookkeeping are learned, rather than memorized.

**OA1320 3 (3-0-0) 45 Hours 15 Weeks****Basic Bookkeeping II**

This course continues you along your career path as a professional bookkeeper and introduces you to basic bookkeeping principles, procedures and concepts as applied to a merchandising business. Bookkeeping for merchandising activities, cash control concepts and reporting petty cash, sales and receivables, cost of goods sold, inventory, property, plant and equipment, natural resources, intangibles, current liabilities, long-term liabilities and payroll are covered. The course will present accounting principles in a clear and comprehensive classroom and lab format. Realistic and practical applications ensure that the basics of financial bookkeeping are learned, rather than memorized.

Prerequisites: OA1310

**OA1365 3 (0-0-4.5) 67.5 Hours 15 Weeks****Introduction to Software Applications**

This course is intended to familiarize the student with the use and application of computers in daily office activities. Students will be expected to develop a working knowledge of Microsoft Word, Excel, Access, and PowerPoint. This course also introduces the student to the Outlook, Windows, and computer terminology.

Notes: Not for credit in Office Administration

**OA1430 3 (3-0-1.5) 67.5 Hours 15 Weeks****Sage 50 for Small Business**

This is an introduction to Sage 50 Accounting (formerly Sage Simply Accounting), an integrated accounting software for small business. Students will complete practical applications involving basic to advanced concepts in the general journal, accounts payable, accounts receivable, payroll, inventory, orders, quotes, deposits, tax remittances, and bank reconciliations. Students will be expected to complete modules requiring conversion and setup of paper records to Simply Accounting. Upon completion of the course, students will have the skills to work in an office that uses all the basic applications of Sage Accounting.

Prerequisites: OA1310 or permission of instructor

## Course Descriptions

### **OA1440 3 (3-0-1.5) 67.5 Hours 15 Weeks**

#### **QuickBooks**

This is a comprehensive course teaching accounting concepts in a software environment. Students will use QuickBooks Premiere to go through step-by-step basics to complex tasks for service and merchandising businesses. Students will be exposed to subsidiary journals, accounting ledgers, and audit trail concepts. You will know QuickBooks and be able to use it in the workplace including advanced features such as year-end procedures, tracking time, job costing, integration with Excel and Outlook and other.

Prerequisites: OA1310

### **OA1510 1 (1-0-0) 15 Hours 15 Weeks**

#### **Dental Sciences Terminology**

The dental sciences terminology course focuses on accurate spelling and pronunciation of orofacial anatomy and dental words, as well as identification and uses of abbreviations, symbols, pharmacological and orofacial terms for recording patient care. Preventive and restorative treatments are discussed, as well as the tooth histology and development.

### **OA1520 3 (1.5-0-1.5) 45 Hours 15 Weeks**

#### **Dental Office Procedures**

This course teaches the inner workings of a busy dental office and covers the information required for students to work in a dental office environment including dental and health care organizations, dental records, legal and ethical issues, confidentiality, conflict resolution, communication, nonviolent crisis intervention, emergencies, security, self-examination, team work and stress management.

### **OA1530 1.5 (1-0-0.5) 22.5 Hours 15 Weeks**

#### **Dental Care and Third Party Billing**

This course covers the information required for dental office assistants to file Alberta Health Care billing, business functions related to the medical office, booking and scheduling, and different branches of dentistry and related specialties. This course will give students a full understanding of the job demands and essentials such as understanding Alberta's dental fee guides, codes, insurance company guidelines, billing procedures, and dental payment plans. Students will learn how to deal with estimates and general dental office procedures. A brief presentation on British Columbia and Northwest Territories billing guidelines will be included as required by the student population.

### **OA1540 4 (0-4-24) 140 Hours 5 Weeks**

#### **Dental Office Work Experience**

This course provides an opportunity for the student to work in a supervised office environment and apply skills and knowledge learned in the program. A minimum of 120 hours of work experience over 5 weeks. Students will complete and orientation to dental office information systems prior to the practicum. Students will work full shifts in a professional dental office with an experienced dental office manager. The office manager will work as supervisor and the student will follow the supervisor's work rotation.

Prerequisites: In order to be eligible for the practicum at the end of the program, students will need to present passing grades in OA1030, OA1215, OA1231, OA1365 and a minimum of C- in OA1510, OA1520, and OA1530.

### **OA1610 3 (3-0-0) 45 Hours 15 Weeks**

#### **Legal Office Administration I**

This course is an introduction to legal office procedures. Upon completion, students will have a thorough knowledge and understanding of office procedures specific to a law firm including opening, closing and maintaining client files; preparing legal correspondence; using Outlook for incoming/outgoing messages, calendaring, and meeting set up; the mechanics of timekeeping and creating billing statements; and human relations. Students will also be introduced to the requirements under the Wills Act in relation to the creations of a valid will, power of attorney, and personal directive. Records and time management will also be emphasized.

### **OA1620 3 (3-0-0) 45 Hours 15 Weeks**

#### **Legal Office Administration II**

This course is a continuation of OA1610 in regards to legal-related terminology, correspondence, and preparation of non-court and court documentation. The course provides an introduction to the Canadian legal system, its history, the development and types of laws in Canada, and the Court system that enforces the law. Students will study the process and procedures involved in civil litigation including document management, trial preparation, and collecting judgement. The course is designed to utilize a project-based approach to completing legal activities.

Prerequisites: OA1610

## Course Descriptions

### **OA1710 3 (3-0-0) 45 Hours 15 Weeks**

#### **Oil and Gas Terminology**

This course provides students with an overview of oil patch activities, common terms, roles, industry professional and governmental organizations, and industry-related office procedures and processes. A lecture series will cover topics on how oil and gas is formed, found, developed, produced, refined, marketed, and accounted for.

### **OA2511 3 (3-0-0) 45 Hours 15 Weeks**

#### **Medical Terminology I**

This course provides you with a background in medical terminology. It will assist you to recognize medical words by identifying Greek and Latin suffixes and prefixes, the root words, and combining forms. It will also assist you to correctly pronounce medical terms and to recall and interpret medical abbreviations.

### ***Perioperative Nursing***

#### **OR4010 7 (15-0-0) UT 105 Hours 7 Weeks**

##### **Perioperative Nursing Theory**

The knowledge, principles and practices of perioperative nursing are addressed in detail as they relate to the competencies identified for perioperative nursing by the Operating Room Nurses Association of Canada.

Prerequisites: Registered Nurse with one year of nursing experience or permission from the Chair of Nursing Education

Notes: Full-time study recommended

Transfer: Other

#### **OR4020 2 (0-0-32) UT 32 Hours 1 Week**

##### **Perioperative Nursing Skills Lab**

Basic perioperative nursing skills are demonstrated and practiced in a laboratory setting under the supervision of the course instructor.

Corequisites: OR4010 and OR4030

Transfer: Other

#### **OR4030 5 (12.5-0-0) UT 75 Hours 6 Weeks**

##### **Perioperative Nursing and Surgical Interventions**

Specific aspects of perioperative nursing care for the surgical patient undergoing general surgery, gynecological, orthopedic and endoscopic procedures are addressed.

Prerequisites: OR4010

Notes: Full-time study recommended

Transfer: Other

### **OR4040 10 (0-3-31) UT 340 Hours 1 Week Seminar, 10 Weeks Practicum**

#### **Perioperative Nursing Clinical Practicum**

This course provides the opportunity for students to apply the knowledge gained in previous theory and lab courses in the clinical setting. Emphasis is placed on providing perioperative nursing care to patients undergoing surgical interventions in general surgery, gynecology and orthopedics. Ninety-three hours will be spent in general surgery and gynecological surgery, 62 hours in orthopedic surgery. The remaining 62 hours include six or seven hours in a post anesthesia recovery room, six to seven hours in E.E.N.T., six to seven hours in regional or local anesthesia, 30 to 31 hours in student's area of choice and 12 to 14 hours with pediatrics.

Prerequisites: OR4010, OR4020, and OR4030

Notes: Students wanting to do practicums outside of Alberta will be required to arrange their own clinical placement at sites that meet with the course objectives. Information on this process will be sent to students who register for this course.

Transfer: Other

### ***Organizational Theory***

#### **OT3010 3 (3-0-0) UT 45 Hours 15 Weeks**

##### **Behaviour in Organizations**

The course examines the sociological and psychological bases of individual behaviour in organizations. Topics of individual psychology examined will include cognition, perception, attitude formation and change, personality structures and change, and motivation. The course will also investigate the behaviour of individuals in groups and organizations. In this context various aspects of group dynamics such as leadership, communication, interpersonal sensitivity, morale and satisfaction, and the formation and attainment of individual and group goals will be discussed.

Transfer: UA, UC, UL, AU, AF, CU, CUC, GMU, KUC\*

## Course Descriptions

### *Physical Activity*

#### **PA1010 3 (0-0-3) UT 45 Hours 15 Weeks**

##### **Principles and Concepts of Physical Activity**

This course is an exploration of the principles and concepts that underlie movement of individuals and groups in a variety of settings. The focus of the course is on the development of a conceptual understanding of movement, therefore a wide range of activities and their contexts will be examined and experienced.

Notes: Students not enrolled in Physical Education programs require consent of Department. University of Alberta will grant credit for only one of PA1010 or PE2940.

Transfer: UA\*, UC, UL\*, AU, AF, GMU

#### **PA1110 3 (0-0-3) UT 45 Hours 15 Weeks**

##### **Instruction of the Basics of Basketball**

Acquisitions of theoretical knowledge and personal skills used in the instruction of the basics of basketball.

Transfer: UA, UC, GMU, CU, UL, AU, KUC, CUC, AF

#### **PA1310 3 (0-0-3) UT 45 Hours 15 Weeks**

##### **Instruction of the Basics of Badminton**

Acquisitions of theoretical knowledge and personal skills used in the instruction of the basics of badminton.

Transfer: UA, UC, CU, CUC, UL, KUC, AF, AU

#### **PA1350 3 (0-0-3) UT 45 Hours 15 Weeks**

##### **Instruction of the Basics of Tennis**

Acquisitions of theoretical knowledge and personal skills used in the instruction of the basics of tennis.

Transfer: UA, UC, UL, AF, KUC, AU

#### **PA1370 3 (0-0-3) UT 45 Hours 15 Weeks**

##### **Instruction of the Basics of Volleyball**

Acquisitions of theoretical knowledge and personal skills used in the instruction of the basics of volleyball.

Transfer: UA, UL, AU\*, CU, CUC, KUC, UC, AF

#### **PA1820 3 (0-0-3) UT 45 Hours 15 Weeks**

##### **Instruction of the Basics of Indoor Wall Climbing**

Acquisitions of theoretical knowledge and personal skills used in the instruction of the basics of indoor wall climbing

Notes: This course requires additional practice outside of the scheduled class times.

Transfer: UA, UC, UL, AU, AF

#### **PA1980 3 (0-0-3) UT 45 Hours 15 Weeks**

##### **Instruction of the Basics of Resistance Training**

Acquisitions of theoretical knowledge and personal skills used in the instruction of the basics of resistance training.

Transfer: UA, UC, UL, AU, AF

#### **PA1981 3 (0-0-3) UT 45 Hours 15 Weeks**

##### **Instruction of the Basics of Cardiovascular Training**

Acquisitions of theoretical knowledge and personal skills used in the instruction of the basics of cardiovascular training.

Notes: For Personal Trainer Diploma students or consent of Department

Transfer: UA, UC, UL, AU, AF

#### **PA3110 3 (3-0-0) UT 45 Hours 15 Weeks**

##### **Coaching Basketball**

Acquisition of theoretical knowledge and personal skills used in coaching the advanced skills and strategies of basketball.

Prerequisites: PA1110 or consent of the Department.

Transfer: AU, CU, UA, AF

#### **PA3370 3 (3-0-0) UT 45 Hours 15 Weeks**

##### **Coaching Volleyball**

Acquisition of theoretical knowledge and personal skills used in coaching the advanced skills and strategies of volleyball.

Prerequisites: PA1370 or consent of the Department.

Transfer: UA, UL, AF, AU, CUC, CU, KUC, UC

### *Paleontology*

#### **PALE200 3 (3-0-0) UT 45 Hours 15 Weeks**

##### **Introduction to Paleontology**

Students will learn the fundamental processes of how and what we know about the fossil record, with a special focus on dinosaurs. Topics include fossilization, fossil collection/curation, morphological analysis, organismal evolution, paleoecology, protection of fossils, speciation, stratigraphy, and taphonomy. Students learn how paleontological research determines the ages, behaviour, breeding, life cycles, physiology, sexes and other aspects of the biology of dinosaurs and other extinct animals.

Prerequisites: Biology 30 or equivalent or 1000-level science course or consent of instructor.

Transfer: UC, UA, KUC



## Course Descriptions

### **PALE400 3 (0-0-6) UT/CE 90 Hours 15 Weeks**

#### **Paleontology Field School**

Students will learn the techniques of collection, curation, and analysis of fossils at the Pipestone Creek Pachyrhinosaurus Bonebed site, located near Grande Prairie in Northwestern Alberta, Canada. The field component of the course will take place during the summer, off campus, at the field location. Each student will complete assignments in the field and will prepare a written report based upon data acquired and methods learned during the field component.

Prerequisites: This course is designed for senior level undergraduate students or graduate students in paleontology and requires consent of department.

Notes: Additional course fees may apply.

Transfer: UA

### **PALE401 3 (0-0-6) UT/CE 90 Hours 15 Weeks**

#### **Paleontology Laboratory Techniques**

Students will learn the basic laboratory techniques involved in the preparation, restoration, curation and casting of fossils found in northwest Alberta, including, but not limited to those from the Pipestone Creek Pachyrhinosaurus Bonebed site (near Grande Prairie, Alberta, Canada). The course will take place during the summer at Grande Prairie campus. Each student will complete assignments in the laboratory and will prepare a written report based on data acquired and methods learned during the laboratory component.

Prerequisites: This course is designed for senior level undergraduate students or graduate students in paleontology and requires consent of department.

Notes: Additional course fees may apply.

Transfer: UA

## *Physics*

### **PC0120 5 (4-0-2) HS 90 Hours 15 Weeks**

#### **Physics Grade 11 Equivalent**

The topics include: linear and two dimensional velocity, acceleration, forces; vector versus scalar quantities from mathematical and graphical perspectives; Newton's three laws of motion; equilibrium forces, incline planes; centripetal force and acceleration, Kepler's three laws of planetary motion, Newton's law of gravity; work, power kinetic, gravitational potential and conservation of energy; transverse and longitudinal waves and interference of waves, resonance and Doppler effect.

Prerequisites: SC0110 (Science 10); MA0110 (Math 10C) or \*\*MA0123 (Math 20-3) or MA0120 placement. See also Academic Upgrading Science Admission Requirements.

Notes: \*\*When MA0123 (Math 20-3) is used as a prerequisite, the student cannot take PC0130.

### **PC0130 5 (5-0-1.5) HS 95 Hours 15 Weeks**

#### **Physics Grade 12 Equivalent**

The major concepts to be covered in this course include: momentum and impulse; electric forces and fields; current electricity; magnetic forces and fields; electromagnetic radiation (light); and atomic physics. Problem solving is highly emphasized throughout the course.

Prerequisites: PC0120 (Physics 20), MA0120 (Math 20-1) or MA0122 (Math 20-2) or MA0130 placement. See also Academic Upgrading Science Admission requirements.

Notes: \*\*If MA0123 (Math 20-3) was used as a prerequisite for PC0120, the students cannot take PC0130.

### **PC1240 3 (3-0-3) UT 90 Hours 15 Weeks**

#### **Particles and Waves**

Algebra-based course primarily for students in life, environmental, and medical sciences. It guides the students through two distinct types of motions: motion of matter (particles) and wave motion. Vectors, forces, bodies in equilibrium, review of kinematics and basic dynamics; conservation of momentum and energy; circular motion; vibrations; elastic waves in matter; sound; wave optics; black body radiation, photons, de Broglie waves. Examples relevant in environmental, life, and medical sciences will be emphasized.

Prerequisites: Physics 20 or equivalent, Mathematics 30-1 or equivalent. Physics 30 is strongly recommended.

Notes: Credit may be obtained for only one of PC1240 or PC1310.

Transfer: UA, UC, AU\*, AF, GMU, KUC\*

## Course Descriptions

**PC1260 3 (3-0-3) UT 90 Hours 15 Weeks****Fluids, Fields and Radiation**

This course is a continuation of PC1240 for students in life and medical sciences. Fluid statics and dynamics, gases, kinetic interpretation; electrostatics; currents and circuits; magnetic field; electromagnetic induction; nuclear radiation, its interaction with matter and application.

Prerequisites: PC1240

Notes: Credit may be obtained for only one of PC1260 or PC1300.

Transfer: UA, UC, AU\*, AF, GMU, KUC\*

**PC1300 3.8 (3-1-1.5) UT 82.5 Hours 15 Weeks****Wave Motion, Optics and Sound**

The course includes geometrical optics, optical instruments, oscillations, waves, sound, interference, and diffraction.

Prerequisites: Mathematics 30-1 or equivalent,

Mathematics 31 and Physics 30

Corequisites: MA1000

Notes: Restricted to Engineering students only.

Transfer: UA\*, UC, UL, AU, AF\*, CU, GMU, KUC

**PC1310 4.3 (3-1-1.5) UT 82.5 Hours 15 Weeks****Mechanics**

This course includes kinematics and dynamics of particles; gravitation; work and energy; linear momentum; angular momentum; systems of particles and introduction to dynamics of rigid bodies.

Prerequisites: MA1000 and EG1300. Pre or Corequisite: PC1300

Corequisites: MA1010

Notes: Restricted to Engineering students

Transfer: UA, UC, UL, AU, AF, CU, CUC, KUC

**PC2300 3 (3-0-1.5) UT 67.5 Hours 15 Weeks****Electricity and Magnetism**

This course covers electrostatics, electric fields, Gauss' Law, electric potential, capacitance, Ohm's Law, DC circuits, Kirchhoff's Laws, magnetic fields, Ampere's Law, electromagnetic induction, Faraday's Law, electric generators, magnetism, Maxwell's Equations and em waves.

Prerequisites: PC1300 and MA1000 or MA1130

Corequisites: MA1010 or MA1150

Transfer: UA, UC, UL, AU, AF

**Physical Education****PE1000 3 (3-0-2) UT 75 Hours 15 Weeks****Structural Anatomy**

Introductory study of human anatomy. Students learn structural and functional components of selected systems of the human body.

Notes: For Bachelor of Physical Education or Bachelor of Science in Kinesiology students only.

Transfer: UA, UC\*, UL, AU, AF, CU, CUC, KUC\*, GMU

**PE1015 3 (3-0-0) UT 45 Hours 15 Weeks****Essentials of Human Physiology**

The main focus of this introductory course is systemic functions in the human body with special emphasis on systems that respond and adapt to exercise stress. The majority of the course will focus on the cardiovascular, respiratory, musculoskeletal, nervous, and neuroendocrine systems. A prior knowledge of general cellular function and metabolism (such as obtained in Biology 30) is presupposed.

Transfer: UA\*, UC\*, UL, AU, AF, KUC\*, GMU

**PE1030 3 (3-0-1) UT 60 Hours 15 Weeks****Integrative Human Physiology**

The focus of this introductory physiology course is cellular functions in the human body with special emphasis on control and integration of these functions. Whenever possible, the responses and adaptations to exercise will be used as a foundation upon which the concepts of control and integration will be discussed. Some topics from PE1015, Essentials of Human Physiology, will be revisited to discuss control and integration of cellular and systemic function.

Prerequisites: PE1015

Transfer: UA\*, UC\*, UL, AU, KUC\*, GMU, AF\*

**PE1040 3 (3-0-0) UT 45 Hours 15 Weeks****Introduction to Sociocultural Aspects of Leisure and Sport**

The course explores the study of play, physical education, recreation, sport and leisure as institutionalized ways in which society organizes and teaches attitudes and skills. It provides an introduction to the importance of sociocultural inquiry and the notion of being critical as an empowering process.

Notes: Students not enrolled in Physical Education Programs require the consent of department.

Transfer: UA, UL, AU, AF, CU, CUC, GMU, KUC\*

## Course Descriptions

**PE1050 3 (3-0-1) UT 60 Hours 15 Weeks****Introduction to the Administration of Sport, Physical Activity and Recreation Programs**

This course provides you with the basic skills required to successfully administer a sport and/or physical education program.

Notes: Students not in Physical Education or Education Programs require consent of department.

Transfer: UA, UC, UL, AU, AF, CU, GMU, KUC

**PE1090 3 (3-0-1) UT 60 Hours 15 Weeks****Statistics, Measurement and Evaluation**

This course will introduce students to the concepts of validity and reliability as they apply to quantitative research, measurement and evaluation in physical education, sport, exercise science, and leisure contexts. The course will focus primarily on inferential statistical procedures that are used to organize, summarize, and interpret information.

Transfer: UA\*, AF\*, AU, UC\*, UL, MRU

**PE1100 3 (3-0-1) UT 60 Hours 15 Weeks****Personal Health and Fitness**

This course is an individual-based analysis of physical fitness and personal health issues. The emphasis is on planning and managing your own lifestyle for health and well being.

Transfer: UA, UC, UL, AU, AF, CU, CUC, GMU, KUC

**PE2000 3 (3-0-2) UT 75 Hours 15 Weeks****Exercise Physiology**

The lecture, laboratory experience and supplementary readings are designed to promote an understanding of the physiological responses to acute and chronic exercise. Successful completion of the course requirements will enable one to understand the basic function of various physiological systems; describe the various physiological changes that occur during acute exercise and the various adaptations to different forms of exercise training and environmental influence; understand the basic ergometry and other laboratory instrumentation for evaluating physiological responses to exercise; and experience exercise stress in a laboratory setting as a participant and tester.

Prerequisites: PE1030

Transfer: UA, UC, UL, AU, CUC, GMU, KUC, AF

**PE2010 3 (2-0-1) UT 45 Hours 15 Weeks****Applied Ethics in Physical Education and Sport**

This is a philosophical examination of ethical questions in the professional practice of physical education and sport.

Transfer: UA, UC, UL, AU, AF, CU, GMU, KUC

**PE2030 3 (3-0-1) UT 60 Hours 15 Weeks****Skill Acquisition and Performance**

The course presents a psychological approach to understanding human motor behaviour. You will examine the processes involved in learning motor skills and controlling movement and the factors that influence acquisition and performance.

Transfer: UA, UC, UL, AU, AF, CU, KUC

**PE2040 3 (3-0-0) UT 45 Hours 15 Weeks****Leisure and Sport in Canadian Society: Historical Perspectives**

An examination of the significant changes which have occurred in leisure and sport specifically over the last century and with particular reference to Canadian society.

Prerequisites: PE1040 or consent of the Department

Transfer: UA, UC, UL, AU, AF, CU, GMU, KUC

**PE2050 3 (3-0-3) UT 90 Hours 15 Weeks****Introduction to Outdoor Environmental Education**

The course is designed to provide a conceptual and experiential introduction to outdoor environmental education and leadership. In addition to weekly lecture and lab components, the course includes a five-day backpacking trip held at the end of August before classes start.

Notes: You will be responsible for your own food costs and a share of transportation costs for the hike.

Transfer: UA, UC, UL, AU, AF, CU, GMU, KUC

**PE2060 3 (3-0-1) UT 60 Hours 15 Weeks****Biomechanics**

The course presents a method of qualitative analysis of human movement based on a knowledge of biomechanical principles.

Transfer: UA, UC, UL, AU, AF, CU, CUC, GMU, KUC

**PE2070 3 (3-0-1) UT 60 Hours 15 Weeks****Physical Education and Leisure for Special Populations**

This is an introduction to current trends in theory and practice in physical education and recreation for special groups. The course includes a survey of special populations and their implications for service delivery.

Transfer: UA, UC, UL, AU, AF, CU, GMU, KUC

**PE2200 3 (3-0-1) UT 60 Hours 15 Weeks****Introduction to Personal Physical Fitness**

Examines the biological foundations of physical activity/exercise and the components of health related physical fitness in health, disease and performance applied to physical activity guidelines and exercise prescription for healthy adults, chronic disease and sport performance.

Transfer: UA, AF, KUC, UL\*, UC\*, CU, CUC, AU

## Course Descriptions

**PE2400 3 (3-0-2) UT 75 Hours 15 Weeks****Introduction to Sports Injuries**

The course allows an analysis of practical and theoretical concepts of sports injury. It includes an overview of sports medicine, care and prevention of injuries, and safety in athletics and physical education.

Prerequisites: PE1000 or equivalent

Transfer: UA, UC, UL, AU, AF, CU, CUC, GMU, KUC

**PE2420 3 (3-0-0) UT 45 Hours 15 Weeks****Introduction to Nutrition for Exercise and Performance**

The course examines the fundamental principles of nutrition and the effects it has in society, athletic performance and physical education. It includes an analysis of practical and theoretical concepts of nutrition and the effects that dietary intake has on exercise, body composition and athletic performance.

Transfer: UA, UC, UL, AU\*, AF, GMU, KUC

**PE2450 3 (3-0-0) UT 45 Hours 15 Weeks****Introduction to Coaching Theory**

This course introduces you to a variety of coaching topics of both a theoretical and a practical nature. Topics include long term athlete development principles, role of the coach, and coach responsibilities in structuring a team and program. National Coaching Certification Program Part A and B (Multi-Sport Competitive Introduction stream) certification materials are included.

Transfer: UA, UC, UL, AU, AF, CU, CUC, KUC

**PE2930 3 (0-3-0) UT 45 Hours 15 Weeks****Introduction to the Movement Activities of Children Aged 5 to 12**

This is a study of the free play and organized physical activities of school aged children in recreational, educational, and sport environments. Class members will engage in practical physical activity and the observation of children.

Transfer: UA, UC, UL, AU, AF, CU, CUC, GMU, KUC

**PE2940 3 (1-2-0) UT 45 Hours 15 Weeks****A Conceptual Approach to Physical Activity**

A study of the fundamental movement concepts that underlie the physical activities engaged in by youth of secondary school age.

Notes: University of Alberta will grant credit for only one of PA1010 or PE2940.

Transfer: UA\*, UC, UL\*, AU, AF, CU, CUC, KUC

**PE3030 3 (3-0-0) UT 45 Hours 15 Weeks****Psychology of Sport and Physical Activity**

The course introduces the student 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, social, and behavioral framework. An analytical approach is encouraged.

Transfer: UA, UL, AU, GMU, MRU, KUC, UC

**PE3070 3 (3-0-0) UT 45 Hours 15 Weeks****Human Growth and Motor Development**

The course is a study of the sequential changes in physical growth and motor development with emphasis on individual differences.

Notes: For BPE, secondary PE majors, and BPE/BEed students only.

Transfer: UA, UC, UL, AU, AF, CU, CUC, KUC

***Physical Fitness*****PF1910 3 (1-0-4) 75 Hours 15 Weeks****Fitness Practicum**

A theoretical and practical course on techniques in fitness for individuals and groups.

Prerequisites: PF1980, PF1981 and PF2900.

Notes: This class is for students in the Personal Trainer Diploma program only.

**PF1980 3 (1-0-3) UT 60 Hours 15 Weeks****Leadership in Resistance Training**

A course in which students acquire both theoretical and practical knowledge using various forms of resistance training. Emphasis will be placed upon providing the student with leadership skills on resistance training techniques, lifting mechanics, program design and implementation.

Prerequisites: AFLCA Basic Theory

Corequisites: PE1000

Notes: This class is for Personal Trainer students only.

Transfer: GMU, UL, UA, AF, UC, AU

**PF2900 3 (1-0-3) 60 Hours 15 Weeks****Fitness Assessment and Advanced Counseling**

Students will gain both theoretical and practical knowledge in fitness assessment and counseling techniques.

Prerequisites: PE1000 and PE1015

Corequisites: PE1030 and PE2200

Notes: Upon completion, students must pass both the written and practical final exams as a prerequisite to get credit for PF2900 and enter into PF2920 and PF1910. This class is for Personal Trainer students only.

## Course Descriptions

### **PF2910 3 (0-1-4) 75 Hours 15 Weeks**

#### **Advanced Fitness Practicum**

This course will involve students applying techniques in exercise testing and prescription for individuals/groups. Participants will be involved in integration seminars in the class and in practical experience at local fitness centres. Prerequisites: PE1030, PF1980, PF2980, PF2900, PF2920, and PF1910. Notes: This class is for Personal Trainer students only. This class has supplemental costs for evaluations and certifications.

### **PF2920 3 (3-0-1.5) 67.5 Hours 15 Weeks**

#### **Certified Personal Trainer Exercise Prescription**

This course is designed to prepare students for CSEP-CPT Certification, the Canadian standard for the field of personal training. Students will gain both theoretical and practical knowledge in exercise prescription and counseling techniques. Students prepare for the CPT core competencies in counseling, motivation, and fitness, including exercise demonstration and technique, equipment selection, exercise prescription and modification, program design and planning. Upon completion, students will fulfill both the written and practical exams of the CSEP Health and Fitness Program, Personal Trainer Certification. Prerequisites: PE2200, PF1980, PF1981, and PF2900 Corequisites: PF2980 Notes: Students will be required to submit a transcript for PF2920 and the pre/corequisites to fulfill CPT Certification. This class is for Personal Trainer students only.

### **PF2980 3 (1-0-2) 45 Hours 15 Weeks**

#### **Advanced Training Methodologies**

An examination of resistance training and supplementary strength and conditioning methodologies for general conditioning and sport specific conditioning. Emphasis on various strength training techniques, exercise mechanics, program designs and implementations as they relate to specific activities or sports. Supplementary topics will include periodization of training, plyometrics, functional training, core training and Olympic lifting. Prerequisites: PF1980

## *Philosophy*

### **PH1010 3 (3-0-0) UT 45 Hours 15 Weeks**

#### **Introduction to Philosophy: Values and Society**

This is an introduction to the classical problems of philosophy through study and critical discussion of selected philosophical classics and contemporary works. Emphasis will be placed on questions of moral and other values and on the nature of society and justice.

Transfer: UA, UC, UL, AU, AF, CU, GMU, KUC, Other

### **PH1020 3 (3-0-0) UT 45 Hours 15 Weeks**

#### **Introduction to Philosophy: Knowledge and Reality**

This is an introduction to the classical problems of philosophy through study and critical discussion of selected philosophical classics and contemporary works. Emphasis will be placed on questions of the nature and extent of human knowledge and classic problems about the nature of reality and our place in it.

Transfer: UA, UC, UL, AU, AF, CU, GMU, KUC, Other

### **PH1030 3 (3-0-0) UT 45 Hours 15 Weeks**

#### **Creativity: An Exploration of Ideas, Process, and Outcomes**

This course provides exposure to the techniques, theories, and practices of creative thinking. It is designed to improve and nurture students' creative potential thereby enhancing their ability to work more effectively in organizational, community, and private contexts.

Transfer: UC, UL, AU

### **PH1200 3 (3-0-0) UT 45 Hours 15 Weeks**

#### **Elementary Symbolic Logic**

This is an introduction to modern symbolic logic including sentential and predicate logic with an emphasis on the application of formal techniques to ordinary language.

Transfer: UA, UC, UL, AU, AF, CU, CUC, KUC\*

### **PH1250 3 (3-0-0) UT 45 Hours 15 Weeks**

#### **Practical Logic**

Elementary methods and principles for analyzing arguments will be covered. Topics may include informal fallacies, introduction of scientific method, elementary statistical reasoning, elementary propositional logic, rational decision procedures.

Transfer: UA, UC, UL, AU, AF, CU, CUC, GMU, KUC

## Course Descriptions

**PH1600 3 (3-0-0) UT 45 Hours 15 Weeks****Philosophical Analysis of Contemporary Issues**

Philosophical analysis of contemporary problems of social concern. Topics may include abortion, sexual equality, our place in the natural environment, censorship, minority and majority rights, war and violence, medical ethics and cultural preservation.

Transfer: UA, UC, UL, AU, AF, CU, CUC, KUC

**PH2050 3 (3-0-0) UT 45 Hours 15 Weeks****Introduction to the Philosophy of the Mind**

This course is an introduction to the questions of what it means to be a person and to have a mind. The relationship of philosophical ideas to scientific investigations of mental phenomena will be studied. Topics may include the mind-body relationship, personal identity, computer models of mind, sensation and emotion, and consciousness.

Transfer: UA, UC, UL, AU, AF, GMU, KUC

**PH2650 3 (3-0-0) UT 45 Hours 15 Weeks****Introduction to the Philosophy of Science**

This is an introduction to the central issues in contemporary philosophy of science. Topics may include theory of evaluation, paradigm shifts and theory change, laws of nature, causation and explanation, the rationality of science and its social and historical setting.

Transfer: UA, UC, UL, AU, AF, GMU, KUC

**PH2800 3 (3-0-0) UT 45 Hours 15 Weeks****Philosophy of Art**

An introduction to some of the traditional theories, for example, the expressionist and the formalist theories, which investigate the nature and function of the arts. The nature of aesthetic experience will also be considered.

Transfer: UA, UC, UL, AU, AF, CU, GMU, KUC

**PH3330 3 (3-0-0) UT 45 Hours 15 Weeks****Professional Ethics**

This course will examine the roles and responsibilities of professionals, as well as ethical challenges they face. These challenges often involve balancing self-interest, clients' interests, and the public good. At times they involve weighing clients' interests and clients' wishes (and their autonomy.) They may also involve efforts to resolve conflicts between the professional's personal moral beliefs and their perceived duties as professionals. Challenges and issues will be explored through consideration of debates within specific fields (such as accounting, medicine, engineering, journalism and law) - often with relevance across professions. Controversies will also be investigated through study of general discussions of common concerns. Ethical concepts and outlooks will provide assistance in facing the challenges.

Transfer: AU, MRU, UC, UA, AF, UL

**PH3550 3 (3-0-0) UT 45 Hours 15 Weeks****Philosophy of the Environment**

Major environmental issues, such as pollution, overpopulation, resource exhaustion, the rights of future generations and animal rights will be considered in regard to their ethical, aesthetic, or metaphysical ramifications.

Transfer: UA, UC, UL, AU, AF, CU, CUC, GMU, KUC

**PH3570 3 (3-0-0) UT 45 Hours 15 Weeks****Philosophy of Religion**

General topics in the Philosophy of Religion. Selections from the following will be studied: The concept of 'religion', the relationships between philosophy and religion, arguments for and against the existence of God, meaning and intelligibility in religious language, religion and morality, religion and the meaning of life, implications of the study of religion in the social sciences.

Transfer: UA, UC, UL, AU, AF, CU, CUC, GMU, KUC

**PH3850 3 (3-0-0) UT 45 Hours 15 Weeks****Workplace, Business and Professional Ethics**

This course will analyze arguments concerning the morality of such topics as environmental pollution, professional ethics, health and safety in the workplace, employee loyalty, racism and sexism in the workplace, advertising ethics, deception in business.

Transfer: UA, UC, UL, AF, CU, CUC, KUC

**PH3860 3 (3-0-0) UT 45 Hours 15 Weeks****Philosophy and Health Care**

A philosophical examination of concepts and issues central to the knowledge and practice of health care. Topics may include provision and allocation of health care resources, rights and responsibilities of patients and health care personnel, passive and active euthanasia, abortion, research and experimentation, disclosure of diagnosis and risks, death and suffering.

Transfer: UA, UC, UL, AU, AF, GMU

***Parts and Materials*****PM1100 10 (12.5-0-0) 200 Hours 16 Weeks****Material and Handling Equipment**

This theory course includes the identification and fundamentals of operation on major parts and components of engine, power train, electrical and hydraulic systems. There is also a section covering the identification and function of major auto body components.

## Course Descriptions

**PM1200 7.5 (9.5-0-0) 152 Hours 16 Weeks****Material Handling Warehouse Operations**

This theory course includes: an introduction to the parts and material technician (warehousing) industry. It will cover material handling procedures in all areas including shipping, receiving, storing, etc as well as measuring the efficiencies in these areas. Also included will be an introduction to parts catalogues, and the correct steps for their proper use. In addition a section on merchandising will cover concepts on correct methods of stocking and displaying parts.

**PM1300 6.5 (8-0-0) 128 Hours 16 Weeks****Safety Skills, Communication and Transportation**

This theory course covers workplace safety as well as safe handling of hazardous materials in a parts and materials warehouse. In addition the course will cover proper communication skills which will provide parts and materials technicians the ability to offer quality customer service. The final segment of the course will deal with transportation and traffic as they relate to a parts or materials warehouse.

**PM2100 11.5 (14.5-0-0) 232 Hours 16 Weeks****Automotive Parts Identification**

This theory course is an introduction to material handling equipment parts introduction, with a primary focus on electrical fundamentals, light duty brakes, steering suspension, wheels, tires and hubs. This course will include the fundamentals of operation for major components on material handling equipment as well as identification of standard stock items, bearings and seals. Measuring calculation and use of measuring tools will also be included.

**PM2200 11.5 (14.5-0-0) 232 Hours 16 Weeks****Heavy Duty Parts Identification**

This theory course covers the identification and fundamental operation for parts and components relating to heavy equipment including trucks, off highway, agricultural, forestry, and oil and gas applications. There is also a section on the proper operation and management of tool cribs.

**PM2300 1 (1-0-0) 16 Hours 16 Weeks****Introduction to Inventory Management**

This theory course is an introduction to inventory control and measuring efficiencies in managing inventory.

**PM3100 1 (0-0-40) 160 Hours 4 Weeks****Work Practicum**

Work Placement Evaluation completed by the on-site supervisor according to criteria determined by GPRC Fairview Campus AST/Parts Department.

**Political Science****PO1010 3 (3-0-0) UT 45 Hours 15 Weeks****Introduction to Political Studies, Ideas and Forms of Government**

This course is an introduction to key political concepts such as power, authority, order, equality, freedom and justice. These concepts are examined as they are employed by different ideologies including liberalism, conservatism, socialism, communism, anarchism, feminism, postmodernism and religious fundamentalism. Political ideas and practices are also examined in the context of democratic, authoritarian and totalitarian forms of government. The role of the news media under different kinds of regime may also be considered.

Notes: Students who are taking or have taken PO1010 or PO1020 will not also receive credit for PO1030 at the UofA.

Transfer: UA\*, UC, UL, KUC\*, AF, GMU, Other

**PO1020 3 (3-0-0) UT 45 Hours 15 Weeks****Introduction to Political Institutions, Processes and Problems**

This course is an introduction to the institutions, processes and problems of government emphasizing Canadian and other democratic governments. The course includes discussions of law, constitutions, civil liberties, public opinion, voting behaviors, electoral systems, political parties, interest groups, federalism and nationalism. This course offers an introduction to different fields of political study. Problems to be examined may include political integration, the right to national self determination, humanitarian intervention, globalization, global warming, terrorism and other issues.

Notes: Students who are taking or have taken PO1010 or PO1020 will not also receive credit for PO1030 at the UofA.

Transfer: UA, UC, UL, AU, AF, KUC, Other

**PO1030 3 (3-0-0) UT 45 Hours 15 Weeks****Modern Political Issues**

This is an introduction to contemporary political issues and events. Topics vary but include matters of contemporary national and international concern such as the Quebec Question, Rights and Environmentalism.

Notes: This course is not intended for students majoring in political science.

Transfer: UA\*, UC, UL, AU, CU, CUC, GMU, KUC

## Course Descriptions

**PO2110 3 (3-0-0) UT 45 Hours 15 Weeks****Ancient and Medieval Political Thought**

This course presents a critical survey of Western political philosophy from ancient Greece to the Middle Ages.

Political thinkers to be studied include Plato, Aristotle, Cicero, Augustine, Aquinas and Machiavelli.

Prerequisites: PO1010 or PO1020 or consent of Department

Transfer: UA\*, UC, UL, AU, AF, CUC, KUC, Other

**PO2120 3 (3-0-0) UT 45 Hours 15 Weeks****Modern Political Thought**

This course presents and examines the political ideas of the great thinkers of the West from the times of Thomas Hobbes in the sixteenth century through the nineteenth century. Ideas to be given prominent consideration may include the consent of the governed, the limits of authority, rights, liberty, equality, democracy, property, entitlements of labour, the justifications of capitalism, history and technology. While attention will be given to the historical and cultural context of the views of thinkers, the course will focus on the significance of their ideas for us today.

Political thinkers to be studied include Hobbes, Locke, Rousseau, Burke, Wollstonecraft, J.S. Mill, Hegel, and Marx and Engels.

Prerequisites: PO1010 or PO1020 or consent of Department

Transfer: UA\*, UC, UL, AU, AF, CUC, KUC, Other

**PO2210 3 (3-0-0) UT 45 Hours 15 Weeks****Introduction to the Canadian Political Environment**

This course examines the cultural, social and economic context in which political actors in Canada seek to protect and advance their interests and power. Attention is given to divisions or cleavages as well as unifying elements.

Topics will include language, culture, political culture, economic class cleavages, gender, ethnic diversity, political socialization and social movements, interest groups and Canada's external political environment provided by the United States and the rest of the world. This course, along with PO2220, Introduction to Canadian Political Institutions, Federalism and the Constitution, constitutes a full year introduction to Canadian politics. The two courses provide preparation for further studies in Canadian politics at the post secondary level.

Transfer: UA, UC, UL, AU, CUC\*, KUC, AF, Other\*

**PO2220 3 (3-0-0) UT 45 Hours 15 Weeks****Introduction to Canadian Political Institutions, Federalism and the Constitution**

This course examines the workings of four branches of government at the national level, as well as, Canadian federalism and the Constitution. The course also explores efforts to change institutional arrangements to make them more democratic and more responsive to Western Canadians, people in Quebec and Aboriginal peoples.

Transfer: UA, UC, UL, AU, CUC\*, KUC, AF, Other\*

**PO2610 3 (3-0-0) UT 45 Hours 15 Weeks****Introduction to International Relations I: Security, War and Peace**

This is an introduction to the study of international relations with a focus on armed conflict, the pursuit of peace and related military matters. Topics may include the causes of war, the Cold War, arms control, post-Cold War military challenges, terrorism, international organizations, international law, international responses to domestic armed conflicts and the direction of Canadian defense policy.

Prerequisites: PO1010 or PO1020 or consent of Department

Notes: Students with credit in PO2600 will not also receive credit for PO2610. PO2610 taken with PO2620 will transfer to the University of Alberta.

Transfer: UA, UC, UL, AU, AF, CUC, KUC, Other

**PO2620 3 (3-0-0) UT 45 Hours 15 Weeks****Introduction to International Relations II: Globalization, People and the Planet**

This course focuses on nonmilitary matters including free trade and world trade rules, economic disparities, population movements, the environment and the political significance of the communications revolution. Topics may include the future of the nation-state, free trade agreements, agricultural trade policy, global economic justice, developing world debt

Prerequisites: PO1010 or PO1020 or consent of Department

Notes: Student with credit in PO2600 will not also receive credit for PO2620. PO2610 taken with PO2620 will transfer to the University of Alberta.

Transfer: UA\*, UC, UL, AU, AF, CUC, KUC, Other



## Course Descriptions

**PO2900 3 (3-0-0) UT 45 Hours 15 Weeks****Introduction to Political Behaviour**

The course is an introduction to political behaviour as exhibited in both the public and private political world of the individual. Areas covered include behavioural theory and concepts in political science, individual and collective behaviour, theories of the political process, structures of power and authority, political culture and socialization, ideology, mass political participation, and electoral behaviour.

Transfer: UA, UC, UL, AU, AF, CU, CUC, KUC

**PO3030 3 (3-0-0) UT 45 Hours 15 Weeks****Politics and the Media**

This is a critical examination of the roles and behaviour of the mass media in the political process with primary emphasis on the Canadian experience. Communications theories such as those of Innis and McLuhan, political propaganda, the mass media and elections, opinion formation, and selected Canadian communications policies are among the topics studied.

Transfer: UA, UC, UL, AU, AF, CU, GMU, KUC

**PO3230 3 (3-0-0) UT 45 Hours 15 Weeks****Local Government and Politics**

The political process as structured by formal governmental institutions focusing on local government in Canada and Alberta.

Transfer: UA, UC, UL, AU, AF, CU, KUC

***Power Engineering*****POF301 5.5 (11-0-5) 128 Hours 8 Weeks****Third Class Part A1**

This course contains the Math and Science portion of the Third Class materials. In addition to mathematics, applied mechanics and thermodynamics, the student will learn basic chemistry, corrosion metallurgy and plant diagrams.

**POF302 5.5 (11-0-5) 128 Hours 8 Weeks****Third Class Part A2**

This course will cover the codes and legislation, combustion, piping and steam traps, electricity and controls, safety and fire protection. This course will prepare the student to write the ABSA/SOPEEC exam for Third Class Part 2.

**POF311 7 (25-0-7) 160 Hours 5 Weeks****Third Class Part B1**

This course will prepare the student to write the ABSA/SOPEEC Third Class Part B1 exam. The material covered will include boilers, types of boilers, construction and design of special boilers, code requirements of boilers and pressure vessels, combustion of fuels, pumps, water treatment, and high pressure boiler operation. The student will also learn to write long answer essay style exams.

**POF312 7 (25-0-7) 160 Hours 5 Weeks****Third Class Part B2**

This course will prepare the student to write the ABSA/SOPEEC Third Class Part B2 exam. The materials covered will include steam turbines, operation, auxiliaries and condensers, gas turbine systems and internal combustion engines, cogenerations systems, compressors and refrigeration, heat exchangers and cooling towers, fired heaters and wastewater treatment, plant maintenance and administration.

**POF401 7 (12-0-2) 154 Hours 11 Weeks****Fourth Class Part A1**

The first book will cover the science portion of steam and energy, legislation and codes, safety and fire protection.

**POF402 7 (11-0-3) 154 Hours 11 Weeks****Fourth Class Part A2**

This course, along with the other 4th Class courses, will prepare the student to write the ABSA/SOPEEC Interprovincial examinations. The second book will cover the environment, materials/piping/welding, boilers and water treatment.

**POF403 1 (0-0-4) 44 Hours 11 Weeks****Power Lab Part A1**

This is an introduction to power plant and heating plant layout and equipment. Students learn to start up and shut down boilers, test and maintain boiler water quality, and open/dismantle, and inspect plant equipment. Plant tours will also be included in this course.

**POF406 6 (25-0-0) 125 Hours 5 Weeks****Fourth Class Part B1**

This course, along with the other 4th Class courses, will prepare the student to write the ABSA/SOPEEC Interprovincial examinations. The first book in Part B will cover prime movers, pumps/compressors, lubrication, electricity, controls, heating boilers and heating systems.

## Course Descriptions

**POF407 0.5 (0-0-4) 20 Hours 5 Weeks****Power Lab Part B1**

This lab will help the students work on the materials covered in the PE4B1 book. This will include working on heating boilers, heating systems, heating controls, prime movers, pumps and compressors and lubrication.

**POF408 6 (23-0-4) 135 Hours 5 Weeks****Fourth Class Part B2**

This course, along with the other 4th Class courses, will prepare the student to write the ABSA/SOPEEC Interprovincial examinations. The second book in Part B will cover heating systems and building systems including vapor refrigeration and air conditioning systems, boiler maintenance and types of plants.

**POF425 1 (3-0-0) 15 Hours 5 Weeks****Technical Communications I**

This course covers technical communication required by power engineers. Students are required to organize and present information in accepted industry formats, including letters, memos, and various technical forms. Emphasis is on planning and preparing clear, correct, and effective written communication. Resume development and interview techniques are included.

**POF429 2 (0-0-40) 480 Hours 12 Weeks****Controlled Plant Practicum**

This is plant experience in an actual power/processing plant, as a hands on learning experience.

Prerequisites: Must be registered in GPRC's Power Engineering Fourth Class program and have successfully completed POF401, POF402, POF403, POF406, POF407, and POF425 in the previous semester

**POF436 1 (3-0-0) 15 Hours 5 Weeks****Technical Communications II**

This course covers technical communication required by power engineers. Students are required to organize and present information in accepted industry formats, including letters, memos, and various technical forms. Emphasis is on planning and preparing clear, correct, and effective written communication. Resume development and interview techniques are included.

**POF437 0.5 (0-0-2) 10 Hours 5 Weeks****Power Lab II**

This course covers opening boiler and minor boiler maintenance procedures; inspection and operation of heating boilers and systems; inspection and maintenance of steam traps; disassembly of electric motors; operation of diesel generators, diesel engines, gas engines; and operation of basic refrigeration systems. Plant tours will also be included.

**POF438 2.5 (20-5-5) 60 Hours 2 Weeks****Process Operations**

This is an introductory course in the acquisition and processing of natural gas designed to present topics such as the exploration and drilling for petroleum products, safety practices used for handling hydrogen sulfide, sampling hydrocarbons, confined space entry, fire protection and the control of static.

Prerequisites: Students must be certified as a Fourth Class Power Engineer.

### *Psychology*

**PY1040 3 (3-0-0) UT 45 Hours 15 Weeks****Basic Psychological Processes**

This first introductory course in psychology gives students an understanding of themselves and other people through the study of basic concepts, principles, theories, and methods used in the scientific study of behaviour. The course covers research methods in psychology, the biological bases of behaviour, neurophysiology, sensation, perception, learning, states of consciousness, memory and cognition.

Notes: This course is a prerequisite for most other psychology courses and is normally followed by PY1050.

Transfer: UA, UC, UL, AU, AF, CU, CUC, GMU, KUC

**PY1050 3 (3-0-0) UT 45 Hours 15 Weeks****Social and Individual Behaviour**

This second introductory course in psychology follows PY1040 and gives students an understanding of themselves and other people through the study of basic concepts, principles, theories, and methods used in the scientific study of behaviour. The course covers biological and cognitive development, emotion and motivation, social psychology, personality theories, mental and behavioural disorders, treatment of mental and behavioural disorders, and stress and health.

Prerequisites: PY1040

Transfer: UA, UC, UL, AU, AF, CU, CUC, GMU, KUC

**PY2090 3 (3-0-0) UT 45 Hours 15 Weeks****Controversial Issues in Psychology**

In this course, students have an opportunity to discuss a variety of controversial issues in the field of psychology. The topics covered will vary with the instructor who teaches the course.

Prerequisites: PY1040 Students transferring to UNBC must also present successful completion of PY1050 as a prerequisite to this course.

Transfer: UA, UC, UL, AU, AF, KUC

## Course Descriptions

**PY2110 3 (3-0-1) UT 60 Hours 15 Weeks****Statistical Methods for Psychological Research**

The course provides: an application of statistical methods to psychological problems; description of data in terms of averages, measures of variability and measures of relationships; correlation and regression; problems of sampling theory and statistical tests of hypothesis. Greater emphasis will be placed upon understanding the relevant principles than upon performing the mathematical calculations.

Prerequisites: PY1040 and Mathematics 30 or equivalent or consent of instructor

Notes: Psychology majors cannot transfer this course to University of Calgary.

Transfer: UA\*, UC\*, UL, AU, AF, CU, CUC, KUC, Other

**PY2120 3 (3-0-0) UT 45 Hours 15 Weeks****Research Design and Methodology in Psychology I**

This course is designed as an introductory course in quantitative research methods and statistics in psychology. Its primary goal is to direct students' development in critical thinking skills. Students will be able to make independent judgments and decisions based on reason and evidence as opposed to authority, tradition or opinion. The course will cover topics such as using objective measurement-based and inferential research strategies to develop hypotheses, designing appropriate data collection tools, analyzing and interpreting descriptive and inferential statistical results, and writing research reports and proposals.

Prerequisites: PY1050 AND ST1510

Transfer: UA, UL, AU, GMU, AF, UC\*, Other

**PY2230 3 (3-0-0) UT 45 Hours 15 Weeks****Developmental Psychology**

Biological, cognitive and social aspects of psychological development will be explored, with special emphasis on infancy, childhood and adolescence.

Prerequisites: PY1040 and PY1050 or equivalent

Transfer: UA, UC, UL, AU, KUC\*, CU, CUC, GMU, AF

**PY2330 3 (3-0-0) UT 45 Hours 15 Weeks****Personality**

This course is an introductory survey of representative theoretical points of view and research relevant to the major problems of the study of personality.

Prerequisites: PY1040 and PY1050 or equivalent

Transfer: UA, UC, UL, AU, AF, CU, CUC, GMU, KUC

**PY2410 3 (3-0-0) UT 45 Hours 15 Weeks****Social Psychology**

This course is an introduction to the study of how individuals view and affect one another in a social context. Topics covered include persuasion, prejudice, behaviour and attitudes, conformity, altruism, group influence, and attraction.

Prerequisites: PY1040 and PY1050

Notes: PY2410 and SO2410 cannot both be taken for credit.

Transfer: UA, UC, UL, AU, GMU\*, KUC, AF

**PY2580 3 (3-0-0) UT 45 Hours 15 Weeks****Cognitive Psychology**

The general orientation of this course is the basic research perspective of the scientific definition, investigation, and modeling of the structures and processes of attention, perception, learning, memory, cognition, and consciousness. It is a course in the current established research traditions, theories, and paradigms of cognitive psychology.

Prerequisites: PY1040 and PY2110 or ST1510

Transfer: UA, UC, UL, AU, AF, CU, CUC, GMU, KUC

**PY2750 3 (3-0-0) UT 45 Hours 15 Weeks****Brain and Behaviour**

This course is an introduction to the neural basis of sensation, movement, learning, memory, motivation and cognition as studies in both humans and other animals.

Prerequisites: Biology 30 or equivalent and PY1040

Transfer: UA, UC, UL, AU, AF, GMU, KUC

**PY2810 3 (3-0-0) UT 45 Hours 15 Weeks****Principles of Behaviour**

This course is an introduction to the psychological theories of learning. Topics discussed will include the evolutionary context in which learning occurs, reflexes and fixed action patterns, sociobiology, the behaviourist theories of classical and operant conditioning, criticisms of the behavioural perspective, and criticism of the transitional memory theories. This course is the first of a pair of courses in the field and is generally followed by the advanced course in cognition, PY2580.

Prerequisites: PY1040 and PY1050

Transfer: UA, UC, AU, AF, CU, CUC, GMU, KUC

## Course Descriptions

**PY3000 3 (3-0-0) UT 45 Hours 15 Weeks****Psychology of Sex and Sexual Interactions**

This course examines human sexuality from biopsychological, developmental, behavioural, and psycho-social perspectives. Students will learn about healthy and unhealthy sexuality and its potential psychological consequences on individuals and society.

Prerequisites: PY1040 and PY1050

Transfer: UA, AU, UC, UL, AF, KUC

**PY3390 3 (3-0-0) UT 45 Hours 15 Weeks****Abnormal Psychology**

This course focuses on understanding the concepts and theories underlying assessment, diagnosis and treatment modalities of various psychological disorders, with emphasis on the multimodal treatment approach.

Prerequisites: PY2330

Transfer: UA, UC, UL, AU, CU, CUC, GMU, KUC, AF

**PY3470 3 (3-0-0) UT 45 Hours 15 Weeks****Psychology of Gender**

This course will involve a balanced coverage and critical analysis of both male and female issues. Material will be drawn from empirical research and conceptual discussions surrounding gender and gender roles. Examples of topics include the impact of stereotypes of masculinity and femininity, and gender in relation to power relations, mental health, intelligence, sexuality, violence, and caregiving. Are men and women really all that different? If so, how significant are the differences? Implications of similarities and differences will be discussed.

Prerequisites: PY1040 Students transferring to UNBC must also present successful completion of PY1050 as a prerequisite to this course.

Transfer: UA, UC\*, UL, AU, AF, KUC

**PY3500 3 (3-0-0) UT 45 Hours 15 Weeks****Psychological Disorders of Childhood and Adolescence**

Students will examine the developmental, cognitive, biological, and behavioural processes involved in the development of various psychological disorders of children and adolescents with emphasis on causality, assessment, and treatment.

Prerequisites: PY1040 and PY1050

Transfer: UA, AU, UL, UC, AF, KUC

**PY3600 3 (3-0-0) UT 45 Hours 15 Weeks****Health Psychology**

This is an introduction to the field of health psychology and will examine psychological factors that influence physical health and illness. Topics that will be explored are stress management, mind-body issues, health promotion and health compromising behaviours, coping with critical and chronic illness, psychoimmunology, and social factors in health and illness.

Prerequisites: PY1040 and PY1050

Transfer: UA, UC, AU, CU, CUC, GMU, KUC, AF

**PY3730 3 (3-0-0) UT 45 Hours 15 Weeks****Emotion and Motivation**

This course will be a survey and interpretation of theories and findings in the field of emotion and motivation. It is designed primarily for serious students of theoretical psychology and the behavioural sciences, students interested in their own intellectual growth and development, and students who wish to understand human behaviour. This course will describe and evaluate the scientific method and the process of theory building in psychology, a selection of theories on motivation and emotions, and an application of these theories to individual behaviour.

Prerequisites: PY1040 and PY1050

Transfer: UA, UC\*, UL, AU, AF, KUC

**PY3750 3 (3-0-0) UT 45 Hours 15 Weeks****History of Psychology**

Psychology is a relatively young science but its history is varied, intriguing, and extends well beyond the first psychologists. From its roots in early philosophy, physiology, and medicine, through the dawn of evolutionary theories and radical behaviourism, to the cognitive revolution and modern neuroscience, we examine the trends, competing theoretical perspectives, and socio-political influences on the current discipline of psychology.

Prerequisites: PY1040 and Math 30 or equivalent or consent of instructor

Transfer: UA, UC, UL, AU, AF, KUC

**PY3950 3 (3-0-0) UT 45 Hours 15 Weeks****Forensic Psychology**

This course is an overview of research, practice and policy issues in forensic psychology. Both criminal and civil forensic topics will be discussed, including the history of forensic psychology, ethical issues in forensic practice, police selection processes, theories of criminal behaviour, criminal profiling, jury selection, validity of eyewitness reports, abuse against women, child custody, insanity, and competency.

Prerequisites: PY1040 and PY1050

Transfer: UA\*, UC\*, UL, AU, GMU, KUC, AF\*

## Course Descriptions

**PY4060 3 (3-0-0) UT 45 Hours 15 Weeks**  
**Introduction to Theories of Counseling and Psychotherapy**

This course examines the basic premises and therapeutic processes that characterize various theoretical approaches to counselling and psychotherapy. Four major schools in psychology will be studied: Psychodynamic (Freudian, Jungian, & Adlerian), Behavioural and Cognitive-Behavioral, Humanistic (Rogerian, Gestalt, & Existentialism), and contextual and Systemic (Family, Feminist, & Multi-cultural). Emphasis is placed on critical analysis of the various approaches as well as self-reflection in relation to values, beliefs, assumptions about human nature, and the worldview.

Prerequisites: ED4420 or equivalent, and consent of the instructor

Transfer: UA, UC, AU, UL, AF\*

**PY4090 3 (3-0-0) UT 45 Hours 15 Weeks**  
**Topics in Controversial Issues in Psychology**

In this course, students will have an opportunity to discuss, analyze, and debate a variety of contemporary and psycho-social controversial issues in the field of psychology and in our societies and cultures including psychological diagnoses, therapy, gender identity, sexual behaviour, violence, religion, politics, the Self, intelligence, education, sex, drugs, and rock 'n' roll, and others. The topics covered will vary with the instructor who teaches the course, and students shall enjoy a great deal of latitude in selection of their topics.

Prerequisites: PY3390 or permission of instructor

Transfer: AU, UL\*, UC

**PY4110 3 (3-0-0) UT 45 Hours 15 Weeks**  
**Advanced Statistical Analysis**

This is an advanced course in statistical analysis. It deals specifically with Multivariate statistical procedures, analysis, and interpretations. The course combines in class lectures and hands-on data analysis using the SPSS statistical package.

Prerequisites: PY2110 or ST1510 or equivalent, and consent of instructor

Transfer: UA, AU, UC, UL, AF

**PY4220 3 (3-0-0) UT 45 Hours 15 Weeks**  
**Violence Against Women**

This course will examine the extent, form and psychological impact of violence against women and will address the role that various social, cultural, political, and economic factors have on women's vulnerability and psychological experiences. Topics covered include different forms of violence against women; psychological trauma experienced as a result of this violence; issues of power and authority with regard to gender socialization and gender dynamics; the contributions of social institutions (e.g. sports; the media; schools; the workplace; the military; the medical, legal, and criminal justice systems) on the prevalence, form, and psychological impact of violence; the special vulnerability of girls, adolescents and women who are marginalized due to race, sexual orientation, ability, economic status, etc.

Prerequisites: One or more 3000-level psychology courses or permission of the instructor.

Notes: WS3000 or another Women's or Gender Studies course is recommended prior to taking this course.

Transfer: AU

**PY4350 3 (3-0-0) UT 45 Hours 15 Weeks**  
**Introduction to Clinical Psychology**

This course examines the theoretical, practical, professional, and research issues in clinical psychology. Emphasis will be placed on the various methods of assessment, evaluation and treatment modalities for individuals and groups.

Corequisites: PY3390

Transfer: UA, UC\*, UL, AU, AF\*

**PY4690 3 (3-0-0) UT 45 Hours 15 Weeks**  
**Principles of Psychological Assessment**

This course examines the psychometric assessment tools used in psychology and education. The issues around test construction, administration, and interpretation will be addressed. Measurement techniques, personality and situational factors that may influence the results and the use of psychological and educational tests in the decision making process and diagnosis will also be discussed. In addition, special attention will be given to the assessment of children and adults, minorities and those with special needs, and the use of assessment in career counselling. The ethical and the legal implication of the use of psychological tests will also be covered. Students will be introduced to several instruments that measure aptitude, achievement, interest, intelligence, and personality (objective and projective).

Prerequisites: PY1040 and PY1050 and permission of the instructor

Transfer: UA, UL, AU\*, UC, AF\*

## Course Descriptions

### **PY4980 3 (0-3-3) UT 90 Hours 15 Weeks**

#### **Individual Research**

This course is designed to enable students to participate in an ongoing faculty research project. Students will also gain experience conducting a literature review in a related research area, developing a research proposal, and submitting an application for ethics review. This course cannot be taken more than twice.

Prerequisites: One or more senior-level psychology courses relevant to the topic of research and permission of the instructor.

Transfer: UL\*, AU\*

### **Physiology**

### **PZ1515 3 (3-0-0) UT 45 Hours 15 Weeks**

#### **Pathophysiology**

The focus is on the application of human anatomy and physiology to the concepts of pathophysiology. Course content will be addressed within the context of underlying disease process and alterations in health.

Prerequisites: NS1500

Notes: Available only to Nursing students.

Transfer: UA

### **Religion**

### **RL2500 3 (3-0-0) UT 45 Hours 15 Weeks**

#### **The Theological Education of the Catholic Teacher**

Theological background for the Catholic School Teacher.

Topics include reflection on many aspects of Catholic thought: God and faith, Biblical revelation and understanding of Church, moral and social teaching, liturgical practice, and the concerns of Catholic Education.

Transfer: UA, AF

### **Recreational Studies**

### **RS1220 3 (2-0-2) UT 60 Hours 15 Weeks**

#### **Leadership in Recreation and Leisure Organizations**

Introduction to leadership and followership as they apply to recreation and leisure organizations. Emphasis is on practical skills including oral and written communication, group dynamics, conflict management, organizational ethics and politics, professional careers, and other topics as relevant.

Transfer: UA, UC, UL, AF

### **Science**

### **SC0100 5 (5-0-0) HS 75 Hours 15 Weeks**

#### **Science and Society**

This course is meant to increase the pre-high school student's understanding of connections between science, technology and society. You will be introduced to basic ideas about science, technology, biology, chemistry, physics, ecology, scientific method, along with related social issues.

Prerequisites: EN0080 and MA0081 or MA0091 placement.

### **SC0110 5 (6-0-1.5) HS 112.5 Hours 15 Weeks**

#### **Science Grade 10 Equivalent**

This course provides an introduction to major concepts in biology, chemistry and physics. The four areas of study are Energy and Matter in Chemical Change, Energy Flow in Technological Systems, Cycling of Matter in Living Systems and Energy Flow in Global Systems.

Prerequisites: SC0100 or consent of the department; EN0090 or EN0110 placement; MA0091 or MA0093 or MA0110 placement.

### **SC0130 5 (5-0-1.5) HS 95 Hours 15 Weeks**

#### **Science Grade 12 Equivalent**

This course studies the interaction of humans and their environment with an emphasis on evaluating and maintaining both personal and environmental health. The four units of study include Maintaining Health, Chemistry and the Environment, Electromagnetic Energy, Energy and the Environment.

Prerequisites: BI0120 (Biology 20 or Science 20), CH0120 (Chemistry 20 or Science 20), EN0120 (English 20-1 or 20-2) or EN0130 placement, and MA0110 (Math 10C) or MA0123 (Math 20-3) or MA0120 placement.

### **Social Studies**

### **SL0090 5 (5-0-0) HS 75 Hours 15 Weeks**

#### **Social Studies Grade 9 Equivalent**

This course focuses on rights and responsibilities of citizenship and how people are impacted by political, economic, and legislative processes. Topics include early Canadian history, the parliamentary system, federalism, and current issues of concern to Canadians such as sovereignty and environment. Canada's participation in world affairs will also be investigated.

Prerequisites: EN0080

## Course Descriptions

**SL0120 5 (5-0-0) HS 75 Hours 15 Weeks****Social Studies Grade 11 Equivalent**

This course explores the complexities of nationalism in Canadian and international contexts and includes study of the origins of nationalism and the influence of nationalism on regional, international and global relations.

Prerequisites: EN0110 or EN0120 placement test score; Social Studies 10

**SL0130 5 (5-0-0) HS 75 Hours 15 Weeks****Social Studies Grade 12 Equivalent**

This course investigates the major episodes of twentieth century history from World War I to the present, and identifies the major focus and ideas which arose from these events, including key political and economic ideologies.

Prerequisites: SL0120 or consent of instructor

Notes: A mark of 60 percent or better in Alberta Education Social 20, Social 30-2, or equivalent, will meet the prerequisite requirement for SL0130.

***Sociology*****SO1000 3 (3-0-0) UT 45 Hours 15 Weeks****Introductory Sociology**

This course examines the theory, methods, and substance of sociology. How societies and individuals are shaped and modified by culture, socialization, deviance, stratification, group processes, industrialization and social movements will be covered.

Transfer: UA, UC, UL, AU, AF, CU, CUC, GMU, KUC

**SO1010 3 (3-0-0) UT 45 Hours 15 Weeks****Canadian Society**

A study of development and structure of Canadian society, including such topics as French-English relations, multiculturalism, regionalism, nationalism, native rights and social inequality and conflict.

Prerequisites: SO1000 or equivalent

Transfer: UA, UC, UL, AU, AF, CU, CUC, GMU, KUC

**SO1020 3 (3-0-0) UT 45 Hours 15 Weeks****Social Problems**

Analysis of the social construction of social problems, focusing on selected structural and behavioural problems such as inequality, substance abuse, family violence, pornography, mental and physical handicaps. Personal and societal responses and intervention attempts will be explored.

Prerequisites: SO1000 or equivalent

Transfer: UA\*, UC, UL, AU, AF, KUC\*

**SO2120 3 (3-0-0) UT 45 Hours 15 Weeks****The Sociological Imagination**

What is society? How do we study it? An introduction to sociological theorizing. Focuses on the development of society and the study of society as a systematic enterprise.

Prerequisites: SO1000

Transfer: UA, UC, UL, AU, AF, KUC

**SO2240 3 (3-0-0) UT 45 Hours 15 Weeks****Sociology of Deviance and Conformity**

A study of the politics and social ramifications of conformity, deviance, and their relation to social change.

The course examines how and why some behaviour patterns are defined as deviant or conformist, and factors that influence this. Many types of behaviour will be discussed.

Prerequisites: SO1000

Notes: Students transferring to University of Calgary will receive credit for only one of SO2240 or SO2250.

Transfer: UA, UL, AU, AF, GMU, KUC

**SO2250 3 (3-0-0) UT 45 Hours 15 Weeks****Criminology**

This is an introduction to the study and analysis of crime from a sociological perspective. The course attempts to answer a number of questions. How much crime is there in Canada? Who are the criminals and what are they like?

Why do people engage in criminal behaviour? What are we doing to stop or at least reduce crime in our society?

Prerequisites: SO1000 or equivalent

Notes: Students transferring to University of Calgary will receive credit for only one of SO2240 or SO2250.

Transfer: UA, UC\*, UL, AU, AF, CU, CUC, GMU, KUC

**SO2410 3 (3-0-0) UT 45 Hours 15 Weeks****Social Psychology**

This is an introduction to the study of individual and group behaviour observed in social processes.

Prerequisites: SO1000 or equivalent, or PY1040 and PY1050, or ED2000

Notes: Credit will only be granted for one of SO2410 or PY2410.

Transfer: UA, UC, UL, AU, AF, CU, CUC, GMU\*, KUC

**SO2600 3 (3-0-0) UT 45 Hours 15 Weeks****Inequality and Social Stratification**

An introduction to the study of structured social inequalities and poverty, major theoretical approaches, and findings from key empirical studies, with emphasis on Canada.

Prerequisites: SO1000 or equivalent

Transfer: UA, UC, UL, AU, AF, CU, CUC, KUC

## Course Descriptions

**SO2690 3 (3-0-0) UT 45 Hours 15 Weeks**

**Introductory Sociology of Globalization**

This course introduces various aspects of globalization and its impact on our lives at the local, national and international levels.

Prerequisites: SO1000

Transfer: UA, UC, UL, AU, KUC, AF

**SO2700 3 (0-0-3) UT 45 Hours 15 Weeks**

**Social Movements and Social Action**

This course will provide students with the historical and contemporary place of citizens in social change efforts. Social change is evolving, and the role of ideology, structure, organization and values is requisite knowledge. Current social movement activities in a northern and rural context will be highlighted, and students will engage in a social change effort through participatory and experiential learning opportunities.

Prerequisites: Introductory Social Science

Transfer: UA, UC, UL, AU, AF, KUC

**SO2710 3 (3-0-0) UT 45 Hours 15 Weeks**

**The Family**

The structure and function of the family system, historically and cross-culturally will be explored in this course. The family system in contemporary societies emphasizing its institutional characteristics and current trends will be a focus.

Prerequisites: SO1000 or equivalent

Transfer: UA, UC, UL, AU, AF, CU, CUC, GMU, KUC

**SO2800 3 (3-0-0) UT 45 Hours 15 Weeks**

**Human Sexuality**

An inquiry into ideas and behaviour of sexuality, and their personal, cultural, and societal implications.

Prerequisites: SO1000

Transfer: UA, UC, UL, AU, AF, CU, KUC

**SO2950 3 (3-0-0) UT 45 Hours 15 Weeks**

**Autobiography**

In contemporary western culture the personal asserts itself vigorously through familiar modes of theatre, music, film, books, comics, and now, in a more accessible significance, technology. Facebook, YouTube, chat lines, and an array of similar outlets, indicate our search for referents of individual lives. This course opens a door to the varieties of representation of ourselves. It explores the meanings of autobiography, and how social contexts endorse, foster, inhibit, or valorize it.

Prerequisites: SO1000

Transfer: UC, UL, AU, MRU, GMU, KUC

**SO3010 3 (3-0-0) UT 45 Hours 15 Weeks**

**Sociology of Gender**

An inquiry into contemporary and historical concepts, assumptions, and expressions of gender, and their political, personal, cultural, and social implications.

Prerequisites: SO1000

Transfer: UA, UC, UL, AU, AF, CU, CUC, GMU, KUC

**SO3150 3 (3-0-2) UT 75 Hours 15 Weeks**

**Introduction to Social Methodology**

The course includes research design, data collection, analysis and processing. You will be introduced to the variety of research methods used by social scientists. Topics include experimentation, survey techniques, field techniques, content analysis and historical methods.

Prerequisites: For Athabasca University, SO1000 and PY2110, or equivalents. For University of Alberta, SOC210, which is not offered at GPRC.

Transfer: UA\*, UC, UL, AU, AF, CU, CUC, GMU, KUC

**SO3210 3 (3-0-0) UT 45 Hours 15 Weeks**

**Youth, Crime, and Society**

Examination and attempted explanation of crime and juvenile delinquency, with an analysis of the social processes leading to youth criminal behaviour.

Prerequisites: SO2250 or consent of instructor

Transfer: AU, UL, UC, UA, AF

**SO3270 3 (3-0-0) UT 45 Hours 15 Weeks**

**Criminal Justice Administration in Canada**

Topics will include the evolution and current theoretical and ideological basis of social policy and practice in the justice system; analysis of the operational practices of the criminal justice system; the law, police, court, correctional (rehabilitation and diversion); and special additional focus on the problems the system has in dealing with young and native persons.

Prerequisites: SO2250

Transfer: UA, UC, UL, AU, AF, KUC

**SO3630 3 (3-0-0) UT 45 Hours 15 Weeks**

**The Sociology of Work and Industry**

Sociological analysis of the changing nature, content and meaning of work; the diversity of industrial contexts and organizational forms, the underlying economic forces (including global) that shape work and work contexts; and the consequences for individuals and society from Canadian and comparative perspectives.

Prerequisites: SO1000

Transfer: UA, UL, AU, AF, KUC



## Course Descriptions

**SO3750 3 (3-0-0) UT 45 Hours 15 Weeks****The Sociology of Aging**

The study of aging from biological, psychological and sociological perspectives. Includes aging in relation to the self-concept, family, religion, politics, health, retirement and leisure, housing, and attitudes toward death from a Canadian and comparative perspective. Critically examines Canadian social policies and programs, and institutional and community-based services.

Prerequisites: SO1000

Transfer: UA, UC, UL, AU, AF, KUC

**SO3820 3 (3-0-0) UT 45 Hours 15 Weeks****The Sociology of Health and Illness**

The sociological analysis of the social and cultural determinants of health, the distribution of health and illness in human populations and in Canadian society, the social psychology of health and illness; and the social organization and delivery of health care. A critical examination of environmental and occupational causes of illness, disease and disability, and of the medical-industrial complex.

Prerequisites: SO1000

Transfer: UA, UC, AU, UL, AF, KUC

***Spanish*****SP1110 3 (3-0-2) UT 75 Hours 15 Weeks****Beginner Spanish I**

An introductory Spanish course for students with no previous knowledge of the language. Students will be introduced to listening, speaking, reading and writing in Spanish. Students will learn basic vocabulary, common expressions for conversation and simple sentence structures, including how to ask questions and how to answer them in the present, the future and the past. The lab will emphasize pronunciation and comprehension practice, and reading and oral expression.

Notes: Not to be taken by students with native or near native proficiency or those for whom Spanish is their first language; or by students with credit in Spanish 20 or its equivalent.

Transfer: UA, UC\*, AU, UL\*, AF, KUC

**SP1120 3 (3-0-2) UT 75 Hours 15 Weeks****Beginner Spanish II**

Enables students to further their knowledge of Spanish in the four language skills of reading, writing, listening and understanding, and speaking. Student will continue to expand their grammatical and lexical knowledge in an Hispanic cultural context. The course will widen the range of contexts, expand student vocabulary and introduce complex sentence structure. In the lab, students will enhance their pronunciation, practice their listening comprehension and oral expression.

Prerequisites: SP1110

Notes: Not to be taken by students with native or near native proficiency or those for whom Spanish is their first language; or by students with credit in Spanish 30 or its equivalent.

Transfer: UA, UC, UL\*, AU, AF, KUC

**SP2110 3 (3-0-2) UT 75 Hours 15 Weeks****Intermediate Spanish I**

This is an intermediate course designed to build on basic knowledge and skills. We will review in depth some of the more difficult grammatical structures and further develop skills in reading, writing, listening, and speaking Spanish. We will also attain a deeper awareness of some of the social and cultural aspects of the Spanish-speaking world. By the end of the course, you should be able to communicate more effectively in both oral and written Spanish.

Prerequisites: SP1110 and SP1120 or Spanish 30 or the consent of the department.

Notes: Not to be taken by students with native or near native proficiency or those for whom Spanish is their first language.

Transfer: UA, UC, AU, AF, KUC, UL

**SP2120 3 (3-0-2) UT 75 Hours 15 Weeks****Intermediate Spanish II**

SP2120 is the continuation of SP2110. This is an intermediate course designed to build on basic knowledge and skills in the Spanish language. We will review in depth some of the more difficult grammatical structures and further develop skills in reading, writing, listening, and speaking Spanish. We will also attain a deeper awareness of some of the social and cultural aspects of the Spanish-speaking world. By the end of the course, you should be able to communicate more effectively in both oral and written Spanish.

Prerequisites: SP2110

Notes: Not to be taken by students with native or near native proficiency or those for whom Spanish is their first language.

Transfer: UA, UC, AU, AF, KUC, UL\*

## Course Descriptions

### *Statistics*

#### **ST1510 3 (3-0-2) UT 75 Hours 15 Weeks**

##### **Introduction to Applied Statistics I**

The course includes data collection and presentation, descriptive statistics. Probability distributions, sampling distributions, and the central limit theorem; point estimation and hypothesis testing; correlation and regression analysis; goodness of fit and contingency table.

Prerequisites: Mathematics 30-1 or equivalent or Mathematics 30-2 or equivalent

Transfer: UA, UC\*, UL, AU\*, AF, CU, GMU, KUC\*

#### **ST2520 3 (3-0-2) UT 75 Hours 15 Weeks**

##### **Introduction to Applied Statistics II**

Methods in applied statistics including regression techniques, analysis of variance and covariance, and methods of data analysis. Applications are taken from Biological, Physical and Social Science and Business.

Prerequisites: ST1510 or equivalent

Transfer: UA\*, UC\*, UL, AU, AF, GMU, KUC

### *Social Work*

#### **SW2010 3 (3-0-0) UT 45 Hours 15 Weeks**

##### **Introduction to Social Work**

This course is designed to create an environment in which students can begin to critically examine social work in its broadest terms. The purpose of the course is to enable students to reflect and examine their values, beliefs and feelings in relation to society of which they are members and to explore their present and potential roles and responsibilities as a social work practitioner. Students will examine dominant influences that affect decision-making and communication in society. The course will provide an opportunity for students to relate and integrate these ideas with the philosophies and values of social welfare with a structural social work perspective.

Transfer: UA, UC\*, UL, AU, AF, GMU

#### **SW2020 3 (3-0-0) UT 45 Hours 15 Weeks**

##### **Social Work**

This course is designed to create an inquiry-based approach to the critical examination of income security programs.

This course will enable students to form an understanding of different income security programs, their utility and worth in a civilized society, and their potential roles as citizen and social work practitioners.

Transfer: UA, UC\*, AU, AF, UL

### *Educational Assistant*

#### **TA1231 2 (5-0-0) 30 Hours 6 Weeks**

##### **Speech and Language Interventions**

The role of an Educational Assistant involves assisting children who have delays in speech, language and communication. This course will provide students with specific techniques and intervention strategies to work with speech-language pathologists in supporting these children.

Prerequisites: HS1217 or consent of the instructor

#### **TA1232 1 (2.5-0-0) 15 Hours 6 Weeks**

##### **Fetal Alcohol Spectrum Disorder**

The role of an Educational Assistant involves assisting children who have Fetal Alcohol Spectrum Disorder (FASD). This course will provide students with a basic understanding of the characteristics associated with FASD and possible prenatal alcohol-related effects and the issues and strategies relevant to supporting these children in the classroom.

Notes: This course will be offered in alternate years.

#### **TA1233 1 (2.5-0-0) 15 Hours 6 Weeks**

##### **Math Skills and Concepts**

This course covers the development, review, and reinforcement of the math skills and concepts up to beginning algebra.

#### **TA1234 2 (2-0-0) 30 Hours 15 Weeks**

##### **The Role of the Paraprofessional in the Classroom**

This course develops knowledge, skills and attitudes necessary for educational assistants to perform their roles and responsibilities as a member of an instructional team. Students are equipped to function effectively and professionally in a wide variety of educational settings from kindergarten through senior high school.

#### **TA1235 1 (0-1-7) 61 Hours 5 Weeks Seminar, 8 Weeks Practicum**

##### **Practicum I**

This practicum consists of 45 hours of field work in a school setting and 5 hours of integration seminar on campus. Practicum gives students the opportunity to integrate the skills and knowledge learned in their courses with experience in classroom environments.

Prerequisites: TA1234 and nine (9) additional credits from the Educational Assistant Program or consent of Department.

Notes: Restricted to students admitted to Educational Assistant Certificate Program.

## Course Descriptions

### **TA1236 3 (3-0-0) 45 Hours 15 Weeks**

#### **Remedial Reading and Mathematics**

This course examines the educational assistant's role in supporting children who are experiencing developmental delays in language, literacy and mathematics. The focus is on the use of developmentally appropriate/age appropriate instructional strategies and materials that are designed to improve performance and understanding in the areas of speech, reading, writing, and mathematical reasoning.

Prerequisites: (or corequisite) HS1217

### **TA1237 1 (2.5-0-0) 15 Hours 6 Weeks**

#### **Autism Spectrum Disorder**

The role of an educational assistant involves assisting children who have Autism Spectrum Disorder. This course provides students with a basic understanding of the characteristics associated with Autism Spectrum Disorder and the issues and strategies relevant to supporting these children in the classroom.

Notes: This course will be offered in alternate years.

### **TA1238 5 (0-1.5-35) 220 Hours 6 Weeks**

#### **Practicum II**

This practicum consists of 6 weeks of fieldwork in a school setting and 15 hours of an integration seminar on campus. Practicum experience gives students the opportunity to integrate the skills and knowledge learned in their courses with practical experience in classroom environments. College instructors and school personnel will supervise and evaluate practicum students.

Prerequisites: All Educational Assistant course work or permission of the Department

Notes: Restricted to students admitted to Educational Assistant Certificate Program.

### **TA1367 2 (2-0-0) 30 Hours 15 Weeks**

#### **Technology in the Classroom**

This course provides students with the competence required to support children in their use of technology. It provides opportunities for students to acquire basic knowledge of computer software, peripherals, and assistive technology.

### ***Co-operative Trades***

### **TO105 1.5 (4-0-0) 28 Hours 7 Weeks**

#### **Trades Related Studies**

This course is designed to provide a review of basic math and English as it relates to the trades.

### **TO110 6 (18-0-0) 126 Hours 7 Weeks**

#### **Trades Orientation**

This course is designed to help students develop attitudes, skills and knowledge consistent with employers' expectations for entry level employees within their trade, the development of appropriate communications and interpersonal skills and basic trade practices.

### **TO111 1.5 (4-0-0) 28 Hours 7 Weeks**

#### **Trades Safety**

This course provides basic training in fire safety and safe rigging practices. Certification is provided in WHMIS, CSTS and First Aid Level A. CPR and H2S Alive may be provided depending on career choices.

### **TO120 1.5 (4-0-0) 28 Hours 7 Weeks**

#### **CTO Theory**

This course is designed to provide students with information and to develop their skills in the terminology and procedures of the occupation.

### **TO121 1.5 (0-0-40) 320 Hours 8 Weeks**

#### **CTO Industry Shop Placement**

This course will provide the student with employment related experience in an industry work site placement. The course will help develop foundation skills in a specific occupation.

### ***Unit Clerk***

### **UC1202 3 (3-0-0) 45 Hours 15 Weeks**

#### **Work Role Introduction**

This course is designed to introduce the student to a basic understanding of the role of the Unit Clerk in a variety of settings. Topics include health care organizations, legal and ethical issues, confidentiality, conflict resolution, communication, non-violent crisis intervention, emergencies, security, self-examination, teamwork and stress management.

### **UC1208 3 (3-0-0) 45 Hours 15 Weeks**

#### **Processing Client Records**

This course provides students with the knowledge and skills necessary to manage client charts. Topics include basic medical records and charts; admission, transfer and discharge of clients; drug nomenclature; laboratory and diagnostic procedures; supplies and requisitions; common medical and surgical obstetrical procedures. Opportunities for processing physician orders will be provided.

## Course Descriptions

### **UC1213 5 (0-6.5-24) 152 Hours 5 Weeks**

#### **Work Experience**

This work experience provides you with an opportunity to consolidate previous learning in the work environment. Orientation to information systems will occur prior to the practicum. Students will work with experienced unit clerks who will supervise the work experience.

Prerequisites: Students will need to present passing grades in OA1030, OA1215, OA1231 and OA1365 and have obtained a minimum grade of C- in UC1202, UC1208, UC1250 and OA2511.

Notes: Students may be required to attend their practicum at locations outside of Grande Prairie.

### **UC1250 1.5 (3-0-0) 21 Hours 7 Weeks**

#### **Introduction to Pharmacology**

This course covers aspects of Pharmacology, which relate specifically to the hospital unit clerk. Course topics include: pharmacology vocabulary, routes of medication administration and measurement, and the twenty-four hour clock. The course content will focus on major drug groups and how they affect the various body systems, generic and trade names of common medications, and the classifications in which they belong. Along with unit clerk students, this course would also be beneficial to currently employed unit clerks, or those seeking employment in health related areas.

### ***Transitional Vocational***

### **VS100 5 (6-0-0) 96 Hours 16 Weeks**

#### **Independent Living Skills I**

Students will learn the skills necessary to cope with residential living while at college and community living after college. Topics covered include budgeting, food preparation, home care skills, responsible relationships and effective communication.

### **VS105 7 (0-0-20) 320 Hours 16 Weeks**

#### **Successful Living Skills Placement I**

This course provides onsite support for the development of successful independent living skills for those students living on-campus or for off-campus students who require additional support. This first term course will focus on adjusting to the college environment and independent living. Course elements include onsite application of the skills learned in VS100.

### **VS150 5 (6-0-0) 96 Hours 16 Weeks**

#### **Employment Training I**

This course prepares the student for entry into the competitive job market and development of basic work skills. Topics include work relationships and identification of positive work habits. Students will take work certification courses including First Aid, Customer Service, Job Safety, and WHMIS.

### **VS155 2 (0-0-24) 384 Hours 16 Weeks**

#### **Work Placement I**

This placement gives students an opportunity to apply Employment Training concepts in realistic part-time work situations. The focus will be on adapting to a work environment and explaining career options.

### **VS200 5 (6-0-0) 96 Hours 16 Weeks**

#### **Independent Living Skills II**

Students will develop and consistently demonstrate effective skills in the areas identified in VS100. Course content and emphasis will be on individualized learning goals, which enable the student to concentrate on the development of skills most critical for achieving independence. By the completion of the course, students will have prepared personalized plans for successful community living after college.

### **VS205 7 (0-0-20) 320 Hours 16 Weeks**

#### **Successful Living Skills Placement II**

Continuation of Successful Living Skills Placement I. This second term course will focus on community involvement and accessing community resources leading to the development of personal networking skills. Course elements include onsite application of the skills learned in VS100 and VS200. Emphasis is placed on helping students identify the skills they will require for successful community living after college and to identify support options available to them in their home community.

### **VS250 5 (6-0-0) 96 Hours 16 Weeks**

#### **Employment Training II**

Continuation of Employment Training I. Students will concentrate on skill development to support their specific work placement and continue to develop more general skills needed for effective functioning in the competitive work place. By the end of this course, students will prepare personalized career plans for after college.

## Course Descriptions

**VS255 2 (0-0-24) 384 Hours 16 Weeks****Work Placement II**

Continuation of Work Placement I. This placement gives students an opportunity to apply Employment Training concepts in realistic part-time work situations. Emphasis will be on gaining experience leading to the student's employment goals after college where possible.

**VS275 2 (0-5-40) 225 Hours 5 Weeks****Community Living Placement**

In this placement students will participate in a 4-week simulation of full-time employment and community living. This will be followed by a one-week field trip/closing activity organized by the students. This placement will be conducted in Fairview where instructional support will be provided as required.

**VS300 2 (0-0-40) 360 Hours 9 Weeks****Field Placement**

This course is a 9-week, full-time work assignment in which students demonstrate their ability to successfully maintain employment without close supervision from program staff. This is a pass/fail course; a pass grade is required for graduation. The field placement may occur within a community of the student's choice.

**Womens Studies****WS3000 3 (3-0-0) UT 45 Hours 15 Weeks****Women's Studies**

This course introduces the field of women's studies, with emphasis on the theoretical foundations of feminist analysis and the diversity of debates within feminism. The primary focus surrounds issues of gender as a social, cultural and political construct and how this intersects with, for example, race, class and sexuality. The course is also an opportunity to explore the shared and diverse aspects of women's experiences and show how women's studies as an academic discipline challenges the methods, theories and knowledge of traditional disciplines.

Transfer: UA\*, UC, UL, AU, AF, CU, GMU

**WS3500 3 (3-0-0) UT 45 Hours 15 Weeks****Women and Health**

A feminist perspective in health care including specific physical and psychological health issues unique to women's experiences will be examined. The perception and treatment of women within the modern health care system will be critically analyzed and alternative modes of health promotion for women will be studied. This course will emphasize women's ability to effect external change resulting in improved personal health and environmental life spaces.

Transfer: UA, UC, UL, AU, CU, CUC, KUC, AF

**Zoology****ZO2240 3 (3-0-3) UT 90 Hours 15 Weeks****Vertebrate Diversity**

This course is designed to provide students with an overview of the major lineages of vertebrate life, with an emphasis on evolution relationships, and unique characteristics and adaptations of the major groups.

Prerequisites: BI1080

Transfer: UA, UC\*, AF, KUC, UL

**ZO2250 3 (3-0-3) UT 90 Hours 15 Weeks****Comparative Anatomy of the Vertebrates**

The course includes comparative anatomy of the vertebrates with special emphasis on the mammals.

Prerequisites: BI1080

Transfer: UA, UC, UL, AU, AF, CU, CUC, GMU, KUC

**ZO2410 3 (3-1-0) UT 60 Hours 15 Weeks****Animal Physiology I, Homeostasis**

Survey of physiological systems that regulate levels of gases, food, energy, temperature, water and ions. Examples from invertebrates and vertebrates.

Prerequisites: BI1070

Transfer: UA, UC\*, UL, AU, AF, CU, CUC, GMU, KUC, Other

## Course Descriptions

**ZO2420 3 (3-1-0) UT 60 Hours 15 Weeks**

**Animal Physiology II, Intercellular Communications**

Endocrinology, immunology and neural, sensory, motor and reproductive physiology. Examples from invertebrates and vertebrates.

Prerequisites: BI1070

Transfer: UA, UC\*, UL, AU, AF, CUC, GMU, KUC, Other

**ZO2500 3 (3-0-3) UT 90 Hours 15 Weeks**

**Survey of the Invertebrates**

The course covers classification, functional morphology, and life cycles of the major invertebrate groups: Protozoa, Porifera, Cnidaria, Platyhelminthes, Nematoda (and other pseudocoelomates), Echinodermata, Annelida, Mollusca and Arthropoda (with the Crustacea being emphasized). Laboratories are correlated to the lecture material with major dissections and living/preserved demonstration materials.

Prerequisites: BI1080

Transfer: UA, UC, UL, AU, AF, CU, GMU, KUC



## Glossary

## Glossary of Terms

Please note that the definitions that follow are general. More specific explanations of these terms as they are used at GPRC may be found throughout this Calendar.

**Academic Schedule**

A schedule of events and deadlines important to students and prospective students, covering the period of the College's academic year, July 1 to June 30.

**Academic Year**

The term used to describe the twelve-month period from July 1 of one year to June 30 of the following year.

**Admission or Readmission**

Acceptance of a person (who has formally applied to attend the College) into a specified program.

**Admission Requirements**

Sometimes called Entrance Requirements, are the academic background necessary for admission to a particular program of studies. Some examples of admission requirements are a high school diploma, letters of reference, Mathematics 30.

**Admission Test**

Is an entry test designed to determine a person's competency level in a specific subject and may be used to determine admissibility to a program.

**Advanced Credit**

Recognition of formal learning completed at another institution as it appears on a transcript.

**Advisor**

Sometimes called an academic advisor, program advisor, or admissions advisor who may be a faculty member or a Student Services staff member who helps students select courses that will satisfy graduation requirements for the student's program.

**Alberta Resident**

A resident of Alberta is defined as a Canadian Citizen or Permanent Resident (Landed Immigrant) who has been continuously residing in the Province of Alberta for at least one year immediately before the first day of classes of the term for which admission is sought. The one-year residence period shall not be considered broken where the admission office is satisfied that the applicant was temporarily out of the province on vacation, in short-term employment, or as a full-time student. Applicants on study permit cannot establish residence during a period as a full-time student in an Alberta secondary or postsecondary institution because a stay under study permit is considered to be a visiting period.

**Alumnus**

A former student or graduate of the College.

**Audit**

An audit (AU) is the marking used on a transcript to show that a credit course was taken on a not-for-credit basis. A student may receive an instructor's permission to register in a course on a not-for-credit basis. It is expected that the student will attend classes regularly but will not normally be expected to participate in assignments or examinations.

**Calendar**

An annual publication of academic regulations, schedules, programs of study and course descriptions.

**Certificate**

The recognition awarded to a student who has completed all the requirements of a designated program that is normally completed within one academic year.

**Challenge Exam**

A comprehensive written exam used by the student to demonstrate knowledge and competencies specific to a course.

**Co-Curricular Transcripts**

An official record of approved learning activities outside of the classroom.

**Continuing Student**

A student enrolled in one or more semesters of the previous academic year.

**Convocation**

The ceremony to celebrate with those students who successfully completed their programs and satisfied the College's graduation requirements.

**Corequisite**

The requirement, usually a course, students must take at the same time they are taking another course.

**Course Load**

The number of courses a student is expected to take while in attendance in a given semester of a program.

**Credit**

The quantitative measure or weight assigned to the "amount of learning" a student receives through a combination of lectures, tutorials, labs etc.

**Credit Course**

A course that carries credit toward a certificate, diploma, or program of studies.

**Deferred Final Examinations**

An examination written by a student, in accordance with College policy, subsequent to the regular time of writing.

**Department**

The administrative unit of the College responsible for the academic functions of a program of study.

**Diploma**

The recognition awarded to a student who has completed all the requirements of a designated program that is normally completed within two academic years.

## Glossary

***Distance Learning***

Gives students an opportunity to take courses in their own communities. These may be taken online or through video conferencing from our satellite campuses.

***Elective***

Electives, sometimes called options, refer to courses in a specific program that are not prescribed by the curriculum and in which the student is allowed a choice.

***Entrance Requirements***

Sometimes called Admission Requirements, is the academic background necessary for admission to a particular program of studies.

***Fall Semester***

Sometimes referred to as the Fall Term or Fall Session, is the period of the academic year which runs from September to December.

***Fees***

The dollar value set, normally annually, by the Board of Governors and used in the calculation of instructional fees. Fees quoted normally include tuition and other charges for instruction and do not normally include textbook charges.

***Full Course Load***

The maximum numbers of courses assigned by a given program.

***Full-time Student***

A student who is registered (enrolled) in a minimum of 9 credits, in one semester, for a program.

***Grade Point Average (GPA)***

A measure of a student's weighted average obtained by dividing the total number of grade points earned by the total credits attempted.

***Grade Point***

A weighted value assigned to the grade a student receives in a course, obtained by multiplying the grade received by the course credits. This value is used in calculating grade point average.

***High School Equivalent***

Academically equal to high school diploma, subject or course.

***IELTS***

International English Language Testing System.

***In Progress (IP)***

The grade assigned to the first term of a course that spans two consecutive terms.

***Incomplete (IN)***

An interim grade assigned when term work is deferred for legitimate reasons.

***Instructor***

Sometimes called a faculty member or teacher qualified to teach at the College.

***Instructional Day***

Any day classes are held.

***Intake***

Defines when students may start a program that is not offered on a semester format.

***International Student***

A student who is not a Canadian resident or Permanent resident and who possesses a valid student visa or becomes eligible for a student visa upon acceptance to GPRC.

***Junior Level Courses***

Courses intended for students in their first year of study, typically numbered from 1000 to 1999. Junior Level courses normally fulfill prerequisite requirements for senior courses in the same subject.

***Junior English***

Junior English is normally refers to university transfer (UT) English courses. Junior English courses would be those English courses without a prerequisite.

***Mature Student***

Sometimes referred to as an Adult Student, or Non-matriculated Adult, is normally a student who is 21 years of age or older. Admission requirements for mature students may be adjusted for certain programs.

***myGPRC***

A secure website where students can check their course schedules, register for classes, pay fees, check grades, and more.

***New Student***

A student who is attending a program for the first time.

***Non-Credit Courses***

Courses not recognized for credit towards a College certificate, diploma, degree or program of studies.

***Option***

Options, sometimes called electives, refer to courses in a specific program that are not prescribed by the curriculum and in which the student is allowed a choice.

***Parchment***

The award received for successful completion of a curriculum of studies that is recognized by a certificate or diploma.

***Part-time Student***

A student who enrolls in one or two courses (normally fewer than nine credits) in a semester.

***Placement Assessment***

An assessment to determine the student's level of academic competence in a particular subject like English or Mathematics.

***PLAR***

Prior Learning and Recognition. The process used to recognize knowledge and competencies acquired through informal and non-formal learning.

***Policy***

A policy serves as the authority for the College. All policies are reviewed regularly, updated and posted on the College website. Students are expected to familiarize themselves with our policies and visit Student Services when they need clarification.

***Practicum***

A course of study involving supervised practical work experience.

***Prerequisite***

A course that must be successfully completed before another course can be taken.

***Program***

An approved group of related courses leading to a diploma or certificate.



## Glossary

### **Registration**

The process of selecting courses that are to be taken by a student in a term or session, usually in accordance with a specific program curriculum.

### **Required Courses**

Often called compulsory or core courses, these are specific courses in a program that must be completed to meet graduation requirements in a program.

### **Required to Withdraw**

A student who is no longer permitted to attend GPRC for a specified period of time. Students will be required to withdraw if their current year GPA is below 1.0. The College transcript will carry a notation "Required to Withdraw".

### **Residency Requirement**

The minimum number of GPRC courses or credits that must be completed to fulfill a program's requirement or meet graduation requirements.

### **Returning Student**

A student who is returning to the College after an absence of a minimum of one academic year.

### **Section Code**

The code that follows the course number that is used to distinguish different sections of the same course offered on different days and times in a given semester.

### **Semester**

Often known as an academic session or term. Each academic year at the College is divided into periods of time called semesters. At GPRC, the Fall and Winter Semesters each last fifteen weeks and are referred to as major semesters.

### **Senior Level Courses**

Courses intended for students in their second or third year of study. These courses are typically numbered 2000 to 4000 and normally have specific junior-level prerequisites.

### **Spring Semester**

Sometimes referred to as the Spring Term or the Spring Session, is the period of the academic year which runs from May to June.

### **Statute of Limitations**

An assigned time period in which one course is still acceptable towards program requirements.

### **Summer Semester**

Sometimes referred to as the Summer Term or Summer Session, is the period of the academic year which runs from July to August.

### **TOEFL**

Test of English as a Foreign Language.

### **Transcript**

A statement or report card of a student's entire official academic record bearing the original signature of an authorized member of the Registrar's staff and the official seal of the College.

### **Transfer Credit**

Credit awarded for courses successfully completed at another accredited or recognized college, university, or technical institute. Transfer credit is only given when the knowledge an applicant acquired through previous study is almost identical or equivalent to that which would be gained in one of the credit courses at the College.

### **University Transfer Courses**

Courses delivered by the College and recognized for credit by Alberta universities as listed in the Alberta Transfer Guide published annually by the Alberta Council on Admissions and Transfer.

### **Visa Student**

A student studying on visa while in Canada.

### **Winter Semester**

Sometimes referred to as the Winter Term or Winter Session, is the period of the academic year which runs from January to April.

### **Withdrawal**

The voluntary cancellation of registration in a course or a full semester of courses by a student who completes and submits to the Registrar's Office a "withdrawal" or "change in registration" form. Normally there is a period where withdrawn registrations are "dropped" from a student's registration and no academic record is retained on the student's transcript. The deadlines for students to have registrations "dropped" or "withdrawn (with permission)" are normally noted in the Academic Schedule.

### **Withdraw with Permission**

A withdrawal that results in a final grade of "W". Normally the deadline to withdraw and receive a grade of "W" is identified in the Academic Schedule.