Classification of Instruction

Lecture

Lecture (LC)
A scheduled period of instruction for the presentation of information, theory or ideas by means of a relatively formal discourse given by the instructor.

Tutorial (TU)
A scheduled period of instruction in which a sub-group of a lecture class meets to discuss material prepared and presented by the instructor.

Directed Study (DS)
A period of instruction not scheduled in the timetable in which the instructor tutors you or a small number of students, usually in connection with a program of individualized or independent study such as directed readings.

Laboratory (LB)

Experimental Laboratory
A scheduled period of instruction involving experimentation and observation in practical application of theory. Emphasis is on your investigative under supervision, you may receive individual or group instruction. Fieldwork (i.e. work you do in the field to gain practical experience through firsthand observation) may be a component of this kind of laboratory.

Skills Development Laboratory
A scheduled period of instruction involving the presentation of information, and demonstration and practice, usually in an environment with special facilities. It is often used to build skills requiring manual or physical dexterity. Emphasis is on your practice under supervision; you may receive individual or group instruction.

Problem-Solving Laboratory
A scheduled period of instruction in which you work on problems or assignments under the supervision of an instructor. It often occurs in an environment with special facilities. It may involve demonstration and practice and may culminate in a public presentation or display. Individual and group instruction may be used.

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

Clinical (CL)
A scheduled period of learning within environment where services are delivered to clients/patients, under direct or indirect supervision of an instructor. The instruction occurs in small groups and the instructor assumes full responsibility for your evaluation and experientially based learning experience.

Practicum/Work Placement (PR)
Provides a learning experience in the workplace that combines theoretical and practical experiences. This on-the-job experience normally occurs off-campus and is structured and planned by the College. Direct supervision is usually primarily provided by host agency with direct and indirect supervision provided by the College. Evaluation involves both the host agency and the College, with the College maintaining final responsibility for the grade.

Field Placement (FP)
Provides an educational experience during which you perform practical work in a work setting. A wide variety of on-the-job learning experiences may be included. The workplace supervisor exercises considerable freedom in determining learning experiences. Supervision and evaluation is usually done by the host agency. Site visits from the College faculty are less frequent and for a shorter term than for practicum. Evaluation is usually credit/non-credit.

Open Learning (OL)
Uses a combination of instructor led small-group sessions, tutorial support, and self-study.

Distributed Learning (DL)
A variety of learning methods are used that utilize alternative sites, scheduling, or learning opportunities. Learning methods include print, computer based learning, video-or audio-conferencing, seminar sessions, learning circles, tutor access, and home study.
General Information about Courses in the Calendar

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

Changes to Courses
The College reserves the right to modify or withdraw courses without notice. Not all courses are offered every semester.

Course Descriptions
A course calendar description provides you with general information about the content and structure of the course, as well course prerequisites or corequisites, hours/week, credit value of the course, transferability, and additional charges (certifications costs).

GUIDE TO COURSE DESCRIPTION SYMBOLS

ARDR 233 • 3D Fundamentals I
Prerequisite: ARDR 231
Corequisite: ARHI 201
This course is a study of the formal elements of three-dimensional media.
Hours: 84 hrs (3-3)
Credits: 4

Weighting assigned to course
Weekly scheduled contacts hours (3 hrs lecture – 3 hrs lab)
Corequisites are courses that must be taken at the same time or prior to another course.
Prerequisites are courses that must be completed prior to other courses.
Total Course hours
ACCT (Accounting)

ACCT 111 • Introductory Accounting I
Introduction to the nature and purpose of financial accounting. The course focuses on the study of the bookkeeping cycle for service and merchandising businesses. Additional topics include dealing with cash transactions, schedules of receivables and payables, subsidiary ledgers, and other monthly adjustments. In the one-hour computer lab you will use spreadsheet application tools in performing accounting functions.
Hours: 56 hrs (4-0)
Credits: 3

ACCT 113 • Introductory Accounting II
Prerequisite: ACCT 111
This course is a continuation of ACCT 111. Topics include accounting principles, inventories, property, plant and equipment, payroll, partnership and corporation accounting, analysis and interpretation of financial statements, and accounting for manufacturing operations. The one-hour computer lab uses a spreadsheet application and a computerized accounting package.
Hours: 56 hrs (4-0)
Credits: 3

ACCT 211 • Intermediate Accounting I
Prerequisite: ACCT 113 or ACCT 321
Course focuses on providing financial information for external decision making, examining both accounting theory and procedures. Topics include theoretical foundations of the financial accounting process and various forms of financial statements. The course expands on previously discussed topics as well as covering inventory valuation and investments.
NOTE: Students cannot receive credit for both ACCT 211 and ACCT 321.
Hours: 56 hrs (3-1)
Credits: 3

ACCT 213 • Intermediate Accounting II
Prerequisite: ACCT 211
Continuation of ACCT 211. Course studies the more complex areas of corporation accounting, long-term investments, long-term liabilities, accounting changes and estimates, analysis of financial statements, and current developments in accounting.
NOTE: Students cannot receive credit for both ACCT 213 and ACCT 4222.
Hours: 56 hrs (3-1)
Credits: 3

ACCT 215 • Managerial Accounting
Prerequisite: ACCT 113 or ACCT 321
Introduction to the production and use of accounting data for operational planning and control; special decision making and product costing; examination of cost behaviour patterns; methods of cost accumulation, cost estimation, and other topics.
NOTE: Students cannot receive credit for both ACCT 215 and ACCT 3224.
Hours: 56 hrs (4-0)
Credits: 3

ACCT 219 • Taxation
Prerequisite: ACCT 113 or ACCT 321
Introduction to Canadian income taxation. This course is designed to provide you with mainly an introduction to the basic concepts and procedures associated with the federal income tax system as it applies to individuals. Theoretical and practical aspects of tax will be examined and you will learn how to prepare a basic individual tax return. Some attention will be given to corporate taxation and the federal goods and services tax. Some tax planning is discussed.
Hours: 42 hrs (3-0)
Credits: 3

ACCT 276 • Advanced Computerized Accounting
Prerequisite: (ACCT 111 & MGMT 193) or (ACCT 111 & CPSC 203) or APRO 145 or ACCT 321
With advanced microcomputer accounting applications, the following modules are examined in detail: General Ledger, Accounts Receivable, and Accounts Payable. Course includes practice in setting up and using these three modules for adapting financial statements and in integrating accounting software with other applications. Use of the software's budgeting applications may also be considered.
Hours: 56 hrs (1-3)
Credits: 3

ACCT 320 • Financial Accounting Practices
Prerequisite: ACCT 113 or ACCT 321
This course builds on the concepts and skills learned in introductory accounting and prepares the student for the more conceptual approach required for Intermediate Accounting. Accounting students learn to apply the accounting conceptual framework, and further develop skills for recording transactions and events by covering revenue recognition, long-term liabilities, partnership accounting, shareholders' equity and the cash flow statement.
NOTE: Students cannot receive credit for both ACCT 320 and ACCT 3220.
Hours: 56 hrs (4-0)
Credits: 3

ACCT 321 • Introduction to Financial Accounting
Introduction to accounting for business organizations. You learn how to report financial results of operations and financial position to investors, managers, and others. Emphasis is placed on using accounting information for decision making.
Hours: 56 hrs (4-0)
Credits: 3

ACCT 323 • Introduction to Managerial Accounting
Prerequisite: ACCT 113 or ACCT 321
This course provides an introduction to the use of managerial accounting. Emphasis is placed on the role of accounting in managerial decision making. Case studies are an integral part of this course.
Hours: 56 hrs (4-0)
Credits: 3

ACCT 328 • Management Accounting II
Prerequisite: ACCT 215 or ACCT 323
This course examines various costing methods and analytical tools used by management accountants to provide information and recommendations relevant to short-term and long term decision making.
making. Topics covered include capital budgeting, cost and revenue allocation, profitability variances, process costing, and inventory management. NOTE: Students cannot receive credit for both ACCT 328 and ACCT 3228.

**ACCT 422 • Principles of Auditing**
**Prerequisite: ACCT 211**
This course examines the role of the internal and external auditor in business and explores the legal and ethical environment of auditing. Emphasis is placed on methods and procedures used in auditing and reporting as they relate to specific financial statement areas such as assets, liabilities, equities, revenues, and expenses. Other topics include internal control, risk and materiality, the audit of fraud, and auditing in a computer environment. NOTE: Students cannot receive credit for both ACCT 422 and ACCT 4225.

**Hours:** 42 hrs (3-0)
**Credits:** 3

**ACCT 428 • Introduction to Personal and Corporate Income Tax**
**Prerequisite: ACCT 211**
This course covers Canadian income tax laws affecting individuals and corporations. Topics include the computation of individual and corporate income tax, taxable income, taxes payable, corporate distributions, taxation of capital gains, and the preparation of corporate and personal tax returns. NOTE: Students cannot receive credit for both ACCT 428 and ACCT 4280.

**Hours:** 56 hrs (3-1)
**Credits:** 3

**ACCT 431 • Advanced Financial Accounting**
**Prerequisite: ACCT 213**
This is an advanced course in financial accounting that covers the following areas: intercompany investments, business combinations and related issues, joint ventures, foreign currency transactions, and financial reporting. ACCT 431 builds on concepts learned in introductory and intermediate accounting courses. Students can expect to develop an understanding of the concepts underlying these topics and to demonstrate an ability to complete numerical problems. Student should also be able to evaluate alternative accounting treatments and use judgement in analyzing. NOTE: Students cannot receive credit for both ACCT 431 and ACCT 4381.

**Hours:** 56 hrs (4-0)
**Credits:** 3

**ACCT 432 • Advanced Managerial Accounting**
**Prerequisite: ACCT 328 or consent of the department**
This course uses cases extensively and introduces advanced management accounting practices focused on helping managers achieve operational excellence, formulate and implement new strategies, and motivate organizational performance. The course covers current and topical management accounting practices being adopted by companies within a variety of business environments and the changing contexts therein. Management accounting is a discipline that requires analysis and interpretation of relevant information for use by management in planning and controlling the organization’s activities, problem solving, decision-making, and in assuring the proper use of organizational resources. As both a provider and a user of such information, management accounting requires skills grounded in cost accounting. The new role of management accounting calls for the ability to be a value-adding member of the management team combined with the ability to recognize the importance of, and use of non-financial performance measures. NOTE: Students cannot receive credit for both ACCT 432 and ACCT 4382.

**Hours:** 56 hrs (4-0)
**Credits:** 3

**ACCT 3220 • Financial Accounting Practices**
**Prerequisite: ACCT 113 or ACCT 321**
This course builds on the concepts and skills learned in introductory accounting and prepares the student for the more conceptual approach required for Intermediate Accounting. Accounting students learn to apply the accounting conceptual framework, and further develop skills for recording transactions and events by covering revenue recognition, long-term liabilities, partnership accounting, shareholders’ equity and the cash flow statement. Third and Fourth years of the BBA program are Mt. Royal University courses. The numbering system is based upon their guidelines. Students register through Medicine Hat College. NOTE: Students cannot receive credit for both ACCT 320 and ACCT 3220.

**Hours:** 56 hrs (4-0)
**Credits:** 3

**ACCT 3221 • Intermediate Accounting I**
**Prerequisite: ACCT 113 or ACCT 321**
This course examines issues and problems related to GAAP for income determination and revenue recognition. International Financial Reporting Standards (IFRS) and Accounting standards for Private Enterprises (ASPE) relating to recognition, measurement, and financial statement presentation of assets are addressed. Third and Fourth years of the BBA program are Mt. Royal University courses. The numbering system is based upon their guidelines. Students register through Medicine Hat College. NOTE: Students cannot receive credit for both ACCT 211 and ACCT 3221.

**Hours:** 56 hrs (3-1)
**Credits:** 3

**ACCT 3224 • Managerial Accounting I**
**Prerequisite: ACCT 111 or ACCT 321**
Introduction to the production and use of accounting data for operational planning and control; special decision making and product costing; examination of cost behaviour patterns; methods of cost accumulation, cost estimation, and other topics. Third and Fourth years of the BBA program are Mt. Royal University courses. The numbering system is based upon their guidelines. Students register through Medicine Hat College. NOTE: Students cannot receive credit for both ACCT 215 and ACCT 3224.

**Hours:** 56 hrs (4-0)
**Credits:** 3

**ACCT 3228 • Management Accounting II**
**Prerequisite: ACCT 215 or ACCT 323 or ACCT 324**
This course examines various costing methods and analytical tools used by management accountants to provide information and recommendations relevant to short-term and long-term decision making. Topics covered include capital budgeting, cost and revenue allocation, profitability variances, process costing, and inventory management. Third and Fourth years of the BBA
program are Mt. Royal University courses. The numbering system is based upon their guidelines. Students register through Medicine Hat College. NOTE: Students cannot receive credit for both ACCT 328 and ACCT 3228.

**ACCT 4222 • Intermediate Accounting II**
**Prerequisite: ACCT 211 or ACCT 3221**
This course provides an in-depth analysis of accounting theory and principles related to the reporting of short-term and long-term liabilities, leases, pensions, corporate income taxes, shareholders’ equity, complex financial instruments, earnings per share, the cash flow statement, and accounting changes and error analysis. International Financial Reporting Standards (IFRS) and Accounting Standards for Private Enterprises (ASPE) relating to recognition, measurement, and financial statement presentation of liabilities and equity are addressed. Third and Fourth years of the BBA program are Mt. Royal University courses. The numbering system is based upon their guidelines. Students register through Medicine Hat College. NOTE: Students cannot receive credit for both ACCT 213 and ACCT 4222.

**Hours:** 56 hrs (3-1)
**Credits:** 3

**ACCT 4225 • Principles of Auditing**
**Prerequisite: ACCT 211 or ACCT 3221**
This course examines the role of the internal and external auditor in business and explores the legal and ethical environment of auditing. Emphasis is placed on methods and procedures used in auditing and reporting as they relate to specific financial statement areas such as assets, liabilities, equities, revenues, and expenses. Other topics include internal control, risk and materiality, the audit of fraud, and auditing in a computer environment. Third and Fourth years of the BBA program are Mt. Royal University courses. The numbering system is based upon their guidelines. Students register through Medicine Hat College. NOTE: Students cannot receive credit for both ACCT 422 and ACCT 4225.

**Hours:** 42 hrs (3-0)
**Credits:** 3

**ACCT 4280 • Introduction to Personal & Corporate Income Tax**
**Prerequisite: ACCT 211 or ACCT 3221 or consent of the department**
This course covers Canadian income tax laws affecting individuals and corporations. Topics include the computation of individual and corporate income tax, taxable income, taxes payable, corporate distributions, taxation of capital gains, and the preparation of corporate and personal tax returns. Third and Fourth years of the BBA program are Mt. Royal University courses. The numbering system is based upon their guidelines. Students register through Medicine Hat College. NOTE: Students cannot receive credit for both ACCT 428 and ACCT 4280.

**Hours:** 56 hrs (3-1)
**Credits:** 3

**ACCT 4381 • Advanced Financial Accounting**
**Prerequisite: ACCT 213 or ACCT 4222**
This is an advanced course in financial accounting that covers the following areas: intercompany investments, business combinations and related issues, joint ventures, foreign currency transactions, and financial reporting. ACCT 4381 builds on concepts learned in introductory and intermediate accounting courses. Students can expect to develop an understanding of the concepts underlying these topics and to demonstrate an ability to complete numerical problems. Student should also be able to evaluate alternative accounting treatments and use judgement in analyzing. Third and Fourth years of the BBA program are Mt. Royal University courses. The numbering system is based upon their guidelines. Students register through Medicine Hat College. NOTE: Students cannot receive credit for both ACCT 431 and ACCT 4381.

**Hours:** 56 hrs (4-0)
**Credits:** 3

**ACCT 4382 • Advanced Managerial Accounting**
**Prerequisite: (ACCT 213 or ACCT 4222) and ACCT 3228**
This course uses cases extensively and introduces advanced management accounting practices focused on helping managers achieve operational excellence, formulate and implement new strategies, and motivate organizational performance. The course covers current and topical management accounting practices being adopted by companies within a variety of business environments and the changing contexts therein. Management accounting is a discipline that requires analysis and interpretation of relevant information for use by management in planning and controlling the organization’s activities, problem solving, decision-making, and in assuring the proper use of organizational resources. As both a provider and a user of such information, management accounts require skills grounded in cost accounting. The new role of management accounting calls for the ability to be a value-adding member of the management team combined with the ability to recognize the importance of, and use of non-financial performance measures. Third and Fourth years of the BBA program are Mt. Royal University courses. The numbering system is based upon their guidelines. Students register through Medicine Hat College. NOTE: Students cannot receive credit for both ACCT 432 and ACCT 4382.

**Hours:** 56 hrs (4-0)
**Credits:** 3

**ADAE (Advanced Aeronautics)**

**ADAE 200 • Advanced Aeronautics**
This course will allow the student to understand the Theory of Flight from basic to advanced flight. In this course, the student will learn Principles of Flight, Airfoils, Forces Acting on Airfoils, Propellers, Wing Design, Load Factor, Stability, Flight Controls, Supersonic Aerodynamics, High Speed Aerodynamics, and The Effect of In-Flight Icing. This course will allow the student to understand the How and Why of Flight.

**Hours:** 42 hrs (3-0)
**Credits:** 3
AGEC (Agroecology)

AGEC 120 • Agroecology I
Corequisite: BIOL 255
Examination of how ecological principles and processes apply to agroecosystems, including abiotic factors, biotic factors, genetic conservation and diversity, succession, and energy flows. The course combines theory with lab and field-based exercises to explore and understand the sustainability of agricultural production.
Hours: 70 hrs (3-2)
Credits: 4

AGEC 130 • Introduction to Geographic Information Science
Introduction to Geographic Information Science (GIS). This course introduces the creation, management, and analysis of digital spatial data. Topics include data models and representation, relational databases, analytical models, error, accuracy and precision, map standards, and data translation (Google Earth, CADD, and other data standards). QGIS—a free and open-source GIS—will be used for the course. NOTE: Students cannot receive credit for both EVSC 238 and AGEC 130.
Hours: 84 hrs (3-3)
Credits: 4

AGEC 140 • Integrated Vegetation Management
Prerequisite: BIOL 254
Integrated vegetation management uses an understanding of plant ecology to manage vegetation in a variety of effective, economical and environmentally responsible ways to manage weeds in agricultural and horticultural settings. You are introduced to the classification, importance, growth and dispersal of weeds and invasive plant species. Identification of common Western Canadian weeds are emphasized. Strategies and techniques are discussed for the cultural, biological, chemical, and mechanical management of weeds and invasive species.
Hours: 84 hrs (3-3)
Credits: 4

AGEC 200 • Research Methods
Prerequisite: BIOL 254
This course covers sampling methods and procedures for collecting and analyzing environmental parameters, including soil, water, vegetation, and general agroecosystem functions. Basic QA/QC procedures are discussed, and basic statistical analysis (descriptive statistics, t tests, ANOVAs) is introduced. MS Excel and R are used in labs.
Hours: 70 hrs (2-3)
Credits: 4

AGEC 210 • Range & Holistic Management
Prerequisite: BIOL 254, BIOL 255, ECON 201
This course is an introduction to the principles and practices of rangeland conservation and ecosystem-based management. This course examines the effects of grazing and browsing on the biophysical components of rangeland ecosystems, including soils, plants, plant communities, and wildlife interactions. Range inventory and range health methods are also covered.
Hours: 84 hrs (3-3)
Credits: 4

AGEC 220 • Advanced GIS and Remote Sensing for Landscape Ecology
Prerequisite: AGEC 130, BIOL 255,
This course introduces students to methods for remote sensing of the Earth, and how spatial analysis can applied to landscape ecology and agriculture. Major course topics include electromagnetic radiation, spectral and spatial properties, sensor characteristics, accuracy assessment, image processing, and spatial analysis methods. NOTE: Students cannot receive credit in both AGEC 220 and EVSC 336.
Hours: 84 hrs (3-3)
Credits: 4

AGEC 230 • Forage and Cropping Systems
Prerequisite: AGEC 130, BIOL 254
This course integrates biological, economic, sociological, and technical aspects of cropping systems around the world. Topics include: designing resource-efficient cropping systems, soil quality and fertility, tillage, water quality concerns, nitrogen use efficiency, legumes and cover crops, and the implications of climate change and elevated carbon dioxide on agroecosystems.
Hours: 42 hrs (3-0)
Credits: 3

AGEC 240 • Climate and Ecosystems
Prerequisite: AGEC 130, BIOL 255
An introduction to the physical and biological processes that form long-term meteorological patterns. Topics include energy and radiation, wind, temperature, precipitation, evapotranspiration, climate classification, soil-plant-water interactions, and climate change.
Hours: 70 hrs (3-2)
Credits: 4

AGEC 250 • Soil Ecology
Prerequisite: SOSC 213
The course describes the role of soil organisms and the decomposition of organic matter for plant nutrition. Topics include soil energy flows, structure and diversity of soil fauna, composting, vermiculture, myccoculture, and biogeochemical cycling.
Hours: 70 hrs (3-2)
Credits: 4

AGEC 260 • Horticulture Methods
Prerequisite: AGEC 140, BIOL 254
Horticulture theory and methods including: identification of economically important horticulture crops in Alberta and Medicine Hat/Redcliff, propagation methods, cultivation media (soil, soilless), horticultural cropping systems, and appropriate integrated pest management techniques.
Hours: 84 hrs (3-3)
Credits: 4

AGEC 270 • Wetland Ecology & Management
Prerequisite: AGEC 220, BIOL 254, EREC 230
Wetlands are ecologically and agriculturally important ecosystems within Alberta. They are subject to protection, conservation, and compensation policies, which require in depth knowledge of their structure, function, and classification. Topics include wetland classification and remote sensing, biogeochemical processes, ecological succession, and the Alberta wetland policy. Human constructed wetlands and their design will also be discussed.
Hours: 56 hrs (2-2)
Credits: 3
AGEC 280 • Agroecology II  
**Prerequisite:** AGEC 120  
Under the direction of the instructor, students work in teams to design an agroecological production system. Using the skills and knowledge developed throughout the program, student teams will integrate project management, business management, ecological principles, economic principles, geospatial data, and systems-thinking to research a topic, define the problems, and develop solutions in an integrated plant-animal production system.  
**Hours:** 84 hrs (0-6)  
**Credits:** 4

AMAT (Applied Mathematics)  

**AMAT 217 • Math for Engineers I**  
**Prerequisite:** MATH 30 & MATH 31  
Topics covered include the Cartesian plane, elementary functions, limits and their properties, differentiation, related rates, optimization problems, and other applications of differentiation. Integration, logarithmic functions, exponential functions, transcendental functions, inverse functions, and applications of integration.  
**Hours:** 70 hrs (5-0)  
**Credits:** 4

**AMAT 219 • Math for Engineers II**  
**Prerequisite:** AMAT 217  
Topics covered include integration techniques and improper integrals; infinite series, power series, Taylor’s polynomials and approximations; plane curves; parametric equations and polar coordinates; functions of several variables; multiple integration; and an introduction to differential equations.  
**Hours:** 70 hrs (5-0)  
**Credits:** 4

**AMAT 311 • Differential Equations I**  
**Prerequisite:** MATH 349  
Classification of ordinary differential equations, first order equations with applications, second order equations with applications, series solutions about regular points and singular points, special functions, Laplace transformation, and systems of equations are featured in this course.  
**Hours:** 56 hrs (3-1T)  
**Credits:** 3

AMET (Advanced Meteorology)  

**AMET 201 • Advanced Meteorology**  
This course will examine the Fundamentals of Weather and Physics of the Atmosphere. Upon successful completion of this course, students will be able to identify the factors that affect aviation flight regarding potential weather hazards such as: icing, turbulence, fronts, air masses, jet streams and Surface Based Weather. Students will also be able to better understand the very complex structure and movement of the air masses within our atmosphere and their influence on climate and weather conditions including violent weather such as lightning, thunderstorms, tornadoes and hurricanes.  
**Hours:** 42 hrs (3-0)  
**Credits:** 3

ANTH (Anthropology)  

**ANTH 201 • Introduction to Primatology and Human Evolution**  
Introduction to evolutionary theory and processes with particular reference to the primates. Topics include primate taxonomy, distribution, reproduction, locomotion, diet, social organization and evolution, with special emphasis on the path of human evolution.  
**NOTE:** Students cannot receive credit for both ANTH 201 and ANTH 1101.  
**Hours:** 42 hrs (3-0)  
**Credits:** 3

**ANTH 203 • Introduction to Social and Cultural Anthropology**  
This course deals with the nature of human society: its elements, its variability and its perpetuation. Conclusions will be drawn from comparisons of institutions (political, economic, religious, educational, and sexual) in both small-scale and large-scale societies.  
**Hours:** 42 hrs (3-0)  
**Credits:** 3

**ANTH 213 • Contemporary Aboriginal Issues in Canada**  
An exploration of the history of Aboriginal/state relations, the development of Indian policy, and current efforts of Aboriginal peoples to address historical matters through the critique of the residential school system and the pursuit of self government, land claims, modern treaties and Aboriginal rights. Includes a critical examination of Canadian historical writing, popular culture, and stereotypes of Indians and will survey contemporary Aboriginal expressions of identity in the arts, literature, cultural performances, and other public contexts.  
**Hours:** 42 hrs (3-0)  
**Credits:** 3

**ANTH 215 • Ecological and Cultural Issues in Indigenous Communities: Canadian and International Perspectives**  
Ethnological, archaeological and ecological perspectives are applied to the study of indigenous communities in Canada. Topics included are: Archaeological evidence of prehistoric and early historic native communities; sociocultural/environmental relationships of the past and present; indigenous interest in, legal rights to, and management of the land and its resources; and international perspectives on ecological and cultural issues involving indigenous peoples.  
**Hours:** 42 hrs (3-0)  
**Credits:** 3

**ANTH 255 • An Ethnographic Survey of Native North Americans**  
Prerequisite: ANTH 203  
Selected North American Indian cultures are studied in terms of the relationship between basic subsistence adaptations, social, ceremonial, and ideological structures.  
**NOTE:** Not open to students with credit in ARKY 381.  
**Hours:** 42 hrs (3-0)  
**Credits:** 3
ANTH 379 • Urban Anthropology
Prerequisite: ANTH 203 or permission of the Dean
An extensive overview of urban settlements, from their first appearance, to contemporary cities in the developing and developed world. This course explores theoretical and methodological approaches of the social sciences in understanding the development and physical structures of cities and the diversity of urban lifeways and social issues.
Hours: 42 hrs (3-0)
Credits: 3

ANTH 1101 • Introduction to Primatology and Human Evolution
This course will consider human evolution, the role of biosocial phenomena in the evolution of physical structure and social behaviour, and the origins and development of culture. This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College. NOTE: Students cannot receive credit for both ANTH 201 and ANTH 1101.
Hours: 42 hrs (3-0)
Credits: 3

APAT (Apprenticeship - Automotive Service Technician)

APAT 100 • Automotive Service Technician
First Year
Hours: 240 hrs 8 wks

APAT 200 • Automotive Service Technician
Second Year
Hours: 240 hrs 8 wks

APAT 300 • Automotive Service Technician
Third Year
Hours: 240 hrs 8 wks

APAT 400 • Automotive Service Technician
Fourth Year
Hours: 240 hrs 8 wks

APCC (Apprenticeship – Common)

APCC 100 • Apprentice Plumber/Sprinkler/Gas/Steamfitter
First Year
Hours: 240 hrs 8 wks

APEL (Apprenticeship - Electrician)

APEL 100 • Apprentice Electrician
First Year
Hours: 240 hrs 8 wks

APEL 200 • Apprentice Electrician
Second Year
Hours: 240 hrs 8 wks

APEL 300 • Apprentice Electrician
Third Year
Hours: 240 hrs 8 weeks

APEL 400 • Apprentice Electrician
Fourth Year
Hours: 360 hrs 12 wks

APHE (Apprenticeship - Heavy Equipment Technician)

APHE 100 • Apprentice Heavy Equipment Technician
First Year
Hours: 240 hrs 8 wks

APHE 200 • Apprentice Heavy Equipment Technician
Second Year
Hours: 240 hrs 8 wks

APHE 300 • Apprentice Heavy Equipment Technician
Third Year
Hours: 240 hrs 8 wks

APHE 400 • Apprentice Heavy Equipment Technician
Fourth Year
Hours: 240 hrs 8 wks

APPL (Apprenticeship - Plumbing)

APPL 200 • Apprentice Plumbing
Second Year
Hours: 240 hrs 8 wks

APPL 300 • Apprentice Plumbing
Third Year
Hours: 240 hrs 8 wks

APPL 400 • Apprentice Plumbing
Fourth Year
Hours: 240 hrs 8 wks
APRO (Administration Office Professional)

APRO 108 • Keyboarding/Desktop Publishing I
You master the touch typing technique and practice to improve speed and accuracy in keyboarding. You need 30 wpm with 97% accuracy to pass this course. You will also learn basic concepts of page layout and graphic design.
Hours: 56 hrs (0-4)
Credits: 3

APRO 109 • Keyboarding/Desktop Publishing II
Prerequisite: A minimum of a C grade in APRO 108
In this course, you will continue to develop speed and accuracy in timed writings. You need 45 wpm with 97% accuracy to pass this course. You will also learn the design process and skills to create dynamic layouts with the integration of texts and images.
Hours: 42 hrs (0-3)
Credits: 3

APRO 120 • Effective Speaking for the Office
You learn to speak effectively while talking on the telephone to customers and clients. You learn to speak with confidence in small groups and to larger groups.
Hours: 42 hrs (3-0)
Credits: 3

APRO 125 • Office Communications I
You learn communications skills needed in today’s office. There is an emphasis on enhancing your grammar, formatting and proof-reading skills when writing business correspondence.
Hours: 70 hrs (5-0)
Credits: 4

APRO 131 • Office Applications I
Through this course, you acquire practical skills for today’s office. You learn office skills such as file management, mail procedures, booking travel arrangements, arranging meetings, preparing minutes and how to use the photocopier and fax machine. Using Microsoft Office, you will use skills necessary for production of professional business documents. You will learn to create, print and edit documents in Word, Excel, PowerPoint and Access.
Hours: 70 hrs (2-3)
Credits: 4

APRO 133 • Office Applications II
Prerequisite: A minimum of a C grade in APRO 131
You will continue to use MS Office to complete projects related to the career area. In this course, you will become proficient with Excel, Access and advanced Word applications related to document creation and maintenance in the office.
Hours: 70 hrs (0-5)
Credits: 4

APRO 140 • Bookkeeping I
The focus of this course is on the study of the bookkeeping cycle for journalizing transactions, preparing trial balances, worksheets and financial statements.
Hours: 42 hrs (3-0)
Credits: 3

APRO 145 • Bookkeeping II
Prerequisite: A minimum of a C grade in APRO 140 OR a minimum grade of C- in ACCT 111
As a continuation of APRO 140, you learn the procedures for cash control specialized journals and ledgers, payroll and GST. In addition you use Simply Accounting to do computerized bookkeeping.
Hours: 70 hrs (3-2)
Credits: 4

APRO 155 • Office Communications II
Prerequisite: A minimum of a C grade in APRO 120 & APRO 125
You further advance your grammar, punctuation, business writing, and composition skills and deliver an oral presentation using a computerized presentation package. In addition, you will learn how to prepare for job interviews. In conjunction with the APRO 190 instructor, you are required to arrange a work experience contract.
Hours: 70 hrs (5-0)
Credits: 4

APRO 167 • Office Relations
In addition to learning the importance of making a positive contribution to your organization, you develop team working, problem-solving and conflict resolution skills.
Hours: 42 hrs (3-0)
Credits: 3

APRO 180 • Work Experience I
Corequisite: Minimum of C grade in each of APRO 108 & APRO 120 & APRO 125 & APRO 131 & APRO 140
During the 35 hours of work experience at the end of the semester, you apply concepts you have learned from the first semester of the Administrative Office Professional program. In order to do the work experience portion of the course, you require a minimum of a 90% attendance rate in all the first semester courses. During the work experience, you gain a better understanding of the workplace with job shadowing, observing and assisting office staff. Customer service training is included in this course.
Hours: 49 hrs (1-0) 14 wks (0-35P) 1 wk
Credits: 2

APRO 190 • Work Experience II
Prerequisite: A minimum of a C grade in APRO 109 & APRO 133 & APRO 145 & APRO 155 & APRO 167 & APRO 180
You work in an office setting obtaining practical on-the-job experience that applies the concepts you have learned from your studies in the Administrative Office Professional Program at Medicine Hat College. The work experience gives you an understanding of the importance of developing acceptable work habits, good grooming, and the need for self-discipline. You learn how to deal with others in a professional, business-like manner. You recognize the need for having a positive attitude when working with others. NOTE: Course is offered in April at the conclusion of the Winter classes.
Hours: 90 hrs (0-30P) 3 wks
Credits: 3
APRT (Apprenticeship - Rig Technician)

APRT 100 • Apprentice Rig Technician
First Year
Hours: 120 hrs 4 wks

APRT 200 • Apprentice Rig Technician
Second Year
Hours: 120 hrs 4 wks

APRT 300 • Apprentice Rig Technician
Third Year
Hours: 120 hrs 4 wks

APSP (Apprenticeship - Steamfitter/ Pipefitter)

APSP 200 • Apprentice Steamfitter/Pipefitter
Second Year
Hours: 240 hrs 8 wks

APSP 300 • Apprentice Steamfitter/Pipefitter
Third Year
Hours: 240 hrs 8 wks

APSP 400 • Apprentice Steamfitter/Pipefitter
Fourth Year
Hours: 240 hrs 8 wks

APWE (Apprenticeship – Welding)

APWE 100 • Apprentice Welding
First Year
Hours: 240 hrs 8 wks

APWE 200 • Apprentice Welding
Second Year
Hours: 240 hrs 8 wks

APWE 300 • Apprentice Welding
Third Year
Hours: 240 hrs 8 wks

ARDE (Art & Design)

ARDE 213 • Typography I
The course will provide a detailed understanding of letter, text and grids. It will enable the student to develop a typographic problem solving process.
Hours: 84 hrs (3-3)
Credits: 4

ARDE 315 • Typography II
Prerequisite: ARDE 213 or ARVC 213
The course will provide a detailed understanding of letter, text and grids. It will enable the student to develop a typographic problem solving process. The course will focus on determining hierarchies and the differentiation of information. Emphasis will be placed upon typographic grids to organize information and develop clarity of communication. Students will be encouraged to consider a fluency of typographic mark making. Adobe InDesign will be the primary software application used within this course.
Hours: 84 hrs (3-3)
Credits: 4

ARDE 327 • Print Production
Prerequisite: ARFN 231
This course serves as an introduction to vector based computer graphics and the preparation of files for publishing in either print or digital medium. Other topics include practices used in commercial print production, including file preparation for process colour printing.
Hours: 84 hrs (3-3)
Credits: 4

ARDE 331 • Graphic Design I
Prerequisite: ARDE 213 or ARVC 213 & ARFN 234 & ARDR 241
This is an introductory course in graphic design, exploring visual communications and its creative process. The course mainly focuses on utilizing basic visual elements for communication purposes. It also applies skills and knowledge acquired in its prerequisite courses (ARDE 213, ARFN 234, and ARDR 241) toward seeking graphic solutions for art and design problems. The course is the first and most basic of four sequential courses in graphic design.
Hours: 84 hrs (3-3)
Credits: 4

ARDE 333 • Graphic Design II
Prerequisite: ARDE 331 or ARVC 331
Continuing studies in graphic design. Equipped with the basic skills and knowledge gained in the previous course, you will learn to apply them for the purpose of visual communication. The course is designed to foster a personal approach to conceptual problem solving while investigating the principles of design and developing a visual vocabulary through experimentation.
Hours: 84 hrs (3-3)
Credits: 4

ARDE 394 • Portfolio and Work Term Preparation
Prerequisite: ARDE 331 or ARVC 331
In this course the student develops a professional print and web portfolio. The course provides instruction in resume and cover letter preparation, interview strategies, and job search techniques.
Hours: 30 hrs (2.25-0)
Credits: 1.5

ARDE 395 • Applied Visual Communications - Work Term I
Prerequisite: ARDE 394 or ARVC 394 and ARDE 331 or ARVC 331 and ARDE 333 or ARVC 333
The field study provides the student with an opportunity to apply visual communication concepts and art and design skills within industry. The work term is designed to allow the student to develop proficiency in a work environment. *Restricted to students in the Applied Degree program. Total tuition for this course is $814.16.
Hours: 4 mths (0-35P)
Credits: 15
ARDE 396 • Applied Art and Design I
Prerequisite: ARDE 333 or ARVC 333
With studies in the theory and practice of art and design for the professional, this course emphasizes exploration and experimentation in visual production. *Restricted to students in the Applied Degree program.
Hours: 84 hrs (3-3)
Credits: 4

ARDE 495 • Applied Art and Design - Work Term II
Prerequisite: ARDE 394 or ARVC 394 & ARDE 395 or ARVC 395
This field study provides the student further opportunity to apply art and design concepts within industry. The work term is designed to allow the student to continue to develop proficiency in a work environment. *Restricted to students in the Applied Degree program. Total tuition for this course is $814.16.
Hours: 4 mths (0-35P)
Credits: 15

ARDE 496 • Applied Art and Design II
Prerequisite: ARDE 396 or ARVC 396
The course offers the student further studies in the theory and practice of applied art and design.
Hours: 84 hrs (3-3)
Credits: 4

ARDE 498 • Special Projects and Exhibition I
Prerequisite: ARDE 395 or ARVC 395 and ARDE 396 or ARVC 396
This course offers an in-depth study of the art and design field culminating in a body of work intended for display in the graduation exhibition. The work made for exhibition is to be accompanied by an essay.
Hours: 84 hrs (3-3)
Credits: 4

ARDE 499 • Special Projects and Exhibition II
Prerequisite: ARDE 395 or ARVC 395 and ARDE 396 or ARVC 396
In this course the student will focus on the planning, marketing and curatorial elements of a major exhibition, as well as the preparation of other elements related to the final graduation exhibition, such as the portfolio book and web portfolio.
Hours: 84 hrs (3-3)
Credits: 4

ARDR (Art Drawing)

ARDR 241 • Drawing I
Focus of the course is basic theory and practice of drawing, involving both perceptual and conceptual projects in a wide variety of monochromatic media.
Hours: 84 hrs (3-3)
Credits: 4

ARDR 243 • Drawing II
Prerequisite: ARDR 241
Course focuses on basic theory and practice of drawing, involving both perceptual and conceptual projects in monochromatic and colour media.
Hours: 84 hrs (3-3)
Credits: 4

ARDR 341 • Drawing III
Prerequisite: ARDR 243
This course offers theory and practice of drawing at an intermediate level involving an extended range of drawing media, with a focus primarily on the human figure.
Hours: 84 hrs (3-3)
Credits: 4

ARDR 343 • Drawing IV
Prerequisite: ARDR 341
Course focuses on the theory and practice of advanced drawing, emphasizing the development of personal style through mixed media drawing approaches.
Hours: 84 hrs (3-3)
Credits: 4

ARED (Art Education)

ARED 310 • Introductory Art Experience for Teachers I
This course focuses on both individual and group inquiry into the educational potential of visual art for young children’s development. Particular attention is given to exploring media and teaching strategies with 18 hours of classroom experience. In order to ensure the safety of children in the classrooms, local school jurisdictions require that student teachers submit a current Police Information Check with Vulnerable Sector Search and an Alberta Children’s Services Intervention Record Check. It is also recommended that student teachers possess a current Emergency or Standard First Aid Certificate and that Health Immunization Records are up to date. NOTE: Registration priority is given to Education students.
Hours: 84 hrs (3-3)
Credits: 4

ARED 311 • Introductory Art Experiences for Teachers II
Prerequisite: ARED 310
Continuation of ARED 310. In order to ensure the safety of children in the classrooms, local school jurisdictions require that student teachers submit a current Police Information Check with Vulnerable Sector Search and an Alberta Children’s Services Intervention Record Check. It is also recommended that student teachers possess a current Emergency or Standard First Aid Certificate and that Health Immunization Records are up to date. NOTE: Registration priority is given to Education students.
Hours: 84 hrs (3-3)
Credits: 4

AREL (Art Electronics)

AREL 329 • Design for Web I
Prerequisite: ARFN 231 & ARFN 234
This course explores the fundamentals of design for web. Plan, design, and produce simple web pages that function efficiently, and communicate effectively. You will be introduced to creating an online presence looking at the history of the internet and how the worldwide web works, before diving into the design process. HTML will be used to structure the web pages, while CSS will be used to present the pages. User interface and user experience (UI/UX) design will be important to the process. Web Design I provides a foundation for emerging graphic designers.
Hours: 84 hrs (3-3)
Credits: 4
AREL 338 • Interactive Media I  
Prerequisite: ARFN 231 & ARFN 234  
This course introduces students to the basic concepts of interactive media, with a focus on motion design. Hands on projects will guide students through essential tools of time-based media. Adobe Photoshop and After Effects will be learned through a series of projects that examine how we can use these tools to communicate. Emerging media and technologies will be explored, then evaluated for their effectiveness to communicate messages. Interactive Media I opens up new avenues for graphic designers and artists to explore digital technologies.  
Hours: 84 hrs (3-3)  
Credits: 4

AREL 365 • Video I  
Prerequisite: ARFN 231 & ARDR 241  
This course offers the student an introduction to time-based narrative and video production. The topics of study include: script, storyboard, sound recording, camera technique, lighting, and post-production in a digital environment.  
Hours: 84 hrs (3-3)  
Credits: 4

AREL 370 • Sound Design I  
Prerequisite: ARFN 231 & ARFN 234  
This course explores sound design with an emphasis on experimental practice. The course serves as an introduction to the history of sound design, experimental music, and sound technologies. Topics will include composition, arrangement, use and integration of both concrete and synthetic sound, and aspects of noise and aleatoric sound and specialization. The course consists of two interrelated components: a lecture/theoretical component and studio practice.  
Hours: 84 hrs (3-3)  
Credits: 4

AREL 429 • Design for Web II  
Prerequisite: AREL 329  
Web II reinforces the process learned in Web Design I, then extends into deeper topics using advanced web tools. Students will have the opportunity to design, develop, and maintain their own online space with iterative updates. This course provides students with practical experience in the day-to-day maintenance of a website in conjunction with exploring current design trends. Students will be introduced to new tools and design methodologies that make their workflow easier and allow them to produce interactive web pages. Pre-production, production, and post-production will be experienced by the student for an encompassing web design experience. Web Design II is the beginning of exciting online projects.  
Hours: 84 hrs (3-3)  
Credits: 4

AREL 438 • Interactive Media II  
Prerequisite: AREL 338  
Interactive Media II advances students' knowledge of media design. This course focuses on interactive experiences that are functional and engaging for the user, as well as looking forward to emerging technologies and the future of interactive projects. Students will revisit the fundamentals of interaction design, and visual design as part of the user experience. Industry recognized applications will be used as tools to produce student-led digital solutions for real-world scenarios.  
Hours: 84 hrs (3-3)  
Credits: 4

AREL 467 • Video II  
Prerequisite: AREL 365  
This course offers further studies in the theory and practice of time-based narrative and video production.  
Hours: 84 hrs (3-3)  
Credits: 4

AREL 475 • The Studio Portrait  
Prerequisite: AREL 365 or ARPH 335  
This course examines the photographic portrait through the means of both still images and time-based imagery. Students will benefit from an examination of both commercial studio practice and portraiture in a contemporary art context. There is an emphasis on the staged or constructed image. Students will be expected to produce a portfolio and participate in an end of semester public exhibition.  
Hours: 84 hrs (3-3)  
Credits: 4

ARFA (Art Fine Arts)

ARFA 304 • Sculpture I  
Prerequisite: ARFN 233 & ARDR 241  
This course explores notions of sculpture and considers a range of material. Students are introduced to the usage and application of power tools and the safety requirements of the wood shop. The practical aspects of mould construction and casting are presented in a variety of materials. Light, sound and kinetic aspects of sculpture may arise.  
Hours: 84 hrs (3-3)  
Credits: 4

ARFA 305 • 3D Design I  
Prerequisite: ARFN 233 or ARFA 304  
This course serves as an introduction to the materials, concepts and techniques of three-dimensional design. Students learn a variety of presentation techniques while solving functional design problems. Spatial awareness, conceptual development, craft skills, innovative use of materials and basic functionality are considered in the areas of furniture, fashion and architectural design.  
Hours: 84 hrs (3-3)  
Credits: 4

ARFA 351 • Painting I  
Prerequisite: ARFN 231 & ARDR 241  
This course is an introduction to a variety of stylistic and conceptual approaches to painting. Students are encouraged to investigate colour theory and to explore ways in which paint can be manipulated physically in relation to a surface.  
Hours: 84 hrs (3-3)  
Credits: 4
ARFA 353 • Painting II  
**Prerequisite:** ARFA 351  
This course offers the student further studies in the formal practice of painting in relation to colour theory, observation/interpretation skills, manipulation of material, and compositional structure. It also introduces the student to the relationships between form, subject, and content, and how these components function in context to painting’s history and contemporary visual culture.  
*Hours: 84 hrs (3-3)*  
*Credits: 4*

ARFA 357 • Illustration I  
**Prerequisite:** ARFN 231 & ARDR 241  
This course offers an introduction to the concepts and processes of illustration. In this course students will develop their ability to visualize and translate three dimensional forms onto a two dimensional surface using a variety of mediums. Students will explore a variety of illustrative approaches as a means to visually convey an idea.  
*Hours: 84 hrs (3-3)*  
*Credits: 4*

ARFA 372 • Relief Printmaking I  
**Prerequisite:** ARFN 231 & ARDR 241  
This course offers an introduction to the concepts, processes and techniques in relief printing. Topics include the linocut, woodcut, and wood engraving. Students will become familiar with the tools and safe practices used in conjunction with relief printmaking. In addition, students will explore composition, value, and the graphic characteristics of relief printing. Classes will consist of lecture, critiques, and studio based work. Students will also acquire an understanding of the history of relief printmaking.  
*Hours: 84 hrs (3-3)*  
*Credits: 4*

ARFA 373 • Lithography I  
**Prerequisite:** ARFN 231 & ARDR 241  
This course offers an introduction to the concepts, processes and techniques in lithographic printmaking leading to an understanding and employment of stone and plate lithography.  
*Hours: 84 hrs (3-3)*  
*Credits: 4*

ARFA 375 • Lithography II  
**Prerequisite:** ARFA 373  
The course offers further study of the concept and application of stone and plate lithography.  
*Hours: 84 hrs (3-3)*  
*Credits: 4*

ARFA 377 • Serigraphy I  
**Prerequisite:** ARFN 231 & ARDR 241  
This course offers an introduction to the concepts, processes and techniques of screen-printing. Students will become familiar with various stencil-making techniques: such as cut out stencils, liquid block-out stencils, and photographic film stencils. Students will also be provided with the opportunity to learn systematic and creative uses of colour.  
*Hours: 84 hrs (3-3)*  
*Credits: 4*

ARFA 378 • Serigraphy II  
**Prerequisite:** ARFA 377  
A further study of the serigraph (silkscreen) method of printmaking. Both traditional and contemporary approaches will be taught. In addition to common established techniques, various experimental methods will also be introduced. The course work will include improvisational methods of image development, as well as exploration of nontraditional printing surfaces in order to maximize the employment of this unique medium.  
*Hours: 84 hrs (3-3)*  
*Credits: 4*

ARFA 379 • Intaglio I  
**Prerequisite:** ARFA 373 & ARDR 241  
This course offers an introduction to concepts, processes and techniques in intaglio printmaking. Students will become familiar with techniques such as dry point, etching, and aquatint, as a means to explore composition and the drawing and painterly characteristics of intaglio printmaking. Classes will consist of lectures, critiques, and studio based work. Students will also acquire an understanding of the history of intaglio printmaking.  
*Hours: 84 hrs (3-3)*  
*Credits: 4*

ARFA 380 • Intaglio II  
**Prerequisite:** ARFA 379  
This course offers further studies of concepts, processes and techniques in intaglio printing. In this course students will be introduced to more advanced techniques in intaglio printmaking such as the chine colle, sugar lift, and collograph. Students will be encouraged to explore areas of creative self-expression. Classes will consist of lectures, critiques, and studio based work.  
*Hours: 84 hrs (3-3)*  
*Credits: 4*

ARFA 407 • 3D Design II  
**Prerequisite:** ARFN 233 or ARFA 304  
This course offers a further study of the materials, concepts and techniques of three-dimensional design. Students develop model-making skills. Design principles are applied in the areas of store display, and furniture design. An emphasis is placed on the refinement of the problem solving process and possibilities for individual expression.  
*Hours: 84 hrs (3-3)*  
*Credits: 4*

ARFA 408 • Sculpture II  
**Prerequisite:** ARFA 304  
This course offers a further investigation of sculptural materials, concepts and techniques. Interdisciplinary projects are encouraged as students extend their sculptural explorations to develop an individual body of work.  
*Hours: 84 hrs (3-3)*  
*Credits: 4*
ARFA 490  •  Directed Study
This course allows you an opportunity to propose and develop a body of work in a medium of your own choice. You are expected to have completed your basic studies in the area in question, and obtain the consent of the program coordinator. In order to secure that consent, you will be expected to submit a written project proposal for the semester to the coordinator for approval by the Art and Design department as a whole. The proposal must be submitted no later than 14 days prior to the first day of classes. That proposal, if approved, will then form the basis of your work in this course and will ultimately lead, by the conclusion of the course, to a final work or works exhibited in a public context. Upon approval this proposal forms the basis of a body of work to be completed during the semester and to be accompanied by an essay describing the process, development and the results of the Directed Study.
Hours: 84 hrs (3-3)
Credits: 4

ARFN (Art Fundamentals)
ARFN 231  •  2D Fundamentals
This course introduces students to the fundamental building blocks of visual art and design. Students focus on the formal elements of art including line, shape, value, and texture. A variety of techniques, concepts and materials are employed in both wet and dry media. Students gain a firm understanding of the principles of design.
Hours: 84 hrs (3-3)
Credits: 4

ARFN 232  •  Visual Studies
The course introduces key concepts in photographic language, time-based art, sequence and the web. Concurrently the course provides an introduction to working in a digital environment.
Hours: 84 hrs (3-3)
Credits: 4

ARFN 233  •  3D Fundamentals I
An introduction to the basic tools, processes and safety practices of the sculpture studio. Students learn both traditional subtractive techniques through plaster carving as well as additive processes through clay modelling and assemblage. Other topics may include installation and performance art.
Hours: 84 hrs (3-3)
Credits: 4

ARFN 234  •  2D Fundamentals II
Prerequisite: ARFN 231
Further studies in the fundamental building blocks of visual art and design with an emphasis on the formal elements of art and colour theory. This course provides an in-depth study of the visual language and focuses on problem solving skills and productive work habits.
Hours: 84 hrs (3-3)
Credits: 4

ARHI (Art History)
ARHI 200  •  Introduction to Social and Historical Art
This introductory survey course considers how art has evolved both socially and historically. The course focuses on a number of subject areas that explore the aesthetic issues of art making, media, social motivators and historical precedents.
Hours: 42 hrs (3-0)
Credits: 3

ARHI 201  •  Survey of Western Art I
The focus of this course is a chronological survey of art and architecture from prehistory to 1300 AD, with consideration given to significant historical and cultural events. NOTE: Students cannot receive credit for both ARHI 201 and ARTH 1101.
Hours: 42 hrs (3-0)
Credits: 3

ARHI 203  •  Survey of Western Art II
This course focuses on a chronological survey of art and architecture from 1300 AD to the 21st century, with consideration given to significant historical and cultural events. NOTE: Students cannot receive credit for both ARHI 203 and ARTH 1103.
Hours: 42 hrs (3-0)
Credits: 3

ARHI 300  •  Critical Theory
Prerequisite: ARHI 200 or ARHI 201 or ARHI 203
This course critically analyzes visual media, such as video, current print, web and television advertising, from social, political, and philosophical points of view.
Hours: 42 hrs (3-0)
Credits: 3

ARHI 309  •  Design History
Prerequisite: ARHI 200 or ARHI 201 or ARHI 203
Focus of course is the history of design in the 20th century.
Hours: 42 hrs (3-0)
Credits: 3

ARHI 317  •  Modern Art
Prerequisite: ARHI 200 or ARHI 201 or ARHI 203.
Survey of painting, sculpture and architecture from the late 19th century to the mid-20th century, with consideration given to significant historical and cultural events.
Hours: 42 hrs (3-0)
Credits: 3

ARKY (Archaeology)
ARKY 201  •  Introduction to Archaeology
The basic principles of archaeology - how archaeology remains are located, recovered and interpreted.
Hours: 84 hrs (3-3)
Credits: 4

ARKY 205  •  Ancient Peoples and Places
An overview of Old and New World archaeology; the emergence of humans; and the development of humans and culture from hunter/gathering to agricultural and ancient urban societies.
Hours: 42 hrs (3-0)
Credits: 3
ARKY 303 • Archaeology of North America
Prehistoric cultural developments in North America.
Hours: 42 hrs (3-0)
Credits: 3

ARKY 306 • Field Course in Archaeological Techniques
Focus of the course is the practical application of modern field techniques in archaeology, including excavation, recording, and analysis of sites, artifacts and related materials. *Only offered in a Spring or Summer session.
Hours: 96 hrs (0-7)
Credits: 4

ARKY 307 • Field Course in Archaeological Techniques
Prerequisite: ARKY 306.
Continuation of ARKY 306. *Only offered in a Spring or Summer session.
Hours: 96 hrs (0-7)
Credits: 4

ARKY 319 • Alberta Archaeology
This course focuses on the archaeology of the native peoples of Alberta from the first occupation over 12,000 years ago to the mid-1800s.
Hours: 42 hrs (3-0)
Credits: 3

ARKY 377 • Archaeology in Canada
This course focuses on prehistoric cultural developments in all regions of Canada.
Hours: 42 hrs (3-0)
Credits: 3

ARKY 381 • Indians of North America
Course features a survey of cultural and linguistic areas of aboriginal North America, including a comparative and historical study of technology, social organization, economic systems, religions, arts and languages.
Hours: 42 hrs (3-0)
Credits: 3

ARKY 419 • Ethnography of the Great Plains
This course is a comparative study of the peoples and culture of the Great Plains, past and present.
Hours: 42 hrs (3-0)
Credits: 3

ARPH (Art Photography)

ARPH 235 • Introduction to Photography
Course focuses on black & white and colour photographic processes with emphasis on the potential for accuracy and realism in the photographic image. NOTE: This course is for non-Visual Communication students.
Hours: 42 hrs (3-0)
Credits: 3

ARPH 335 • Photography I
Prerequisite: ARFN 233 & ARFN 234
The course offers an introduction to the concepts and techniques of digital still photography.
Hours: 84 hrs (3-3)
Credits: 4

ARPH 337 • Photography II
Prerequisite: ARPH 335
A continuation of the mechanics of digital photography and studio lighting. This course offers studies exploring the means and possibilities to create, process, and print digital photographic imagery with an added emphasis on experimentation and conceptual thinking.
Hours: 84 hrs (3-3)
Credits: 4

ARPH 435 • Photography III
Prerequisite: ARPH 337
This is a course in studio photography. Subjects include the still life, and the portrait both formal and staged. Through lecture, web video, and print media, students will be introduced to the work of contemporary Canadian artists who employ a photographic means.
Hours: 84 hrs (3-3)
Credits: 4

ARTH (Art History)

ARTH 1101 • The History of Art: Prehistory to Renaissance
This course provides a critical overview of the visual arts from the Old Stone Age to the Renaissance. Students are offered a systematic study of aesthetics and the development of art styles which will enable them to develop a basic appreciation and understanding of art and its origins. This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College. NOTE: Students cannot receive credit for both ARHI 201 and ARTH 1101.
Hours: 42 hrs (3-0)
Credits: 3

ARTH 1103 • The History of Art: Renaissance to the Present
This course provides a critical overview of the visual arts in Western Europe from the Renaissance to contemporary times. This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College. NOTE: Students cannot receive credit for both ARHI 203 and ARTH 1103.
Hours: 42 hrs (3-0)
Credits: 3

ASTR (Astronomy)

ASTR 201 • The Solar System
This is primarily a descriptive course aimed at non-science students where conceptual understanding will be stressed over strict mathematical derivation. The topics covered in this course include the historical development of the heliocentric model; the exploration of the solar system by spacecraft; the structure, atmosphere, and evolution of the planet Earth, the terrestrial and jovian planets, and their moons; asteroids and Kuiper belt objects; the
structure of the Sun; and the formation of the solar system. Extrasolar planets and/or life in the universe may also be discussed. 

NOTE: Students cannot receive credit for both ASTR 201 and ASTR 1101.

Hours: 42 hrs (3-0)

Credits: 3

Available On-Site and in a Distributed Learning Format

ASTR 1101 • The Solar System

This is primarily a descriptive course aimed at non-science students. Conceptual understanding will be stressed over strict mathematical derivation. The topics covered in this course emphasize astronomy in our own solar neighborhood. Topics include the Sun, the terrestrial and Jovian planets and their moons, comets, asteroids, as well as the formation of the solar system. This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College. 

NOTE: Students cannot receive credit for both ASTR 201 and ASTR 1101.

Hours: 42 hrs (3-0)

Credits: 3

AUDIA (Audiology)

AUDIA 212 • Introduction to Audiology

Prerequisite: A minimum of a C grade in KNES 265 or any 200 level LING & TAPC 111 & TAPC 112 & TAPC 113

The course provides the basic knowledge required by an Audiology Assistant in understanding sound acoustics and hearing disorders. Practical opportunities will be provided for introductory audiology assistant learning.

Hours: 60 hrs (3-1.25)

Credits: 3

BCEM (Biochemistry)

BCEM 200 • Introduction to Biochemistry

Prerequisite: CHEM 201 & CHEM 250

This course provides a comprehensive introduction to the principles of biochemistry and a foundation of the major biomolecules and biopolymers while integrating their function to the maintenance of the living world. Topics include nucleic acids, protein structure and function, enzymes, biological membranes, and carbohydrate, lipid, and nitrogen metabolism. The theory of protein-based experimental techniques such as SDS-PAGE and chromatography will also be covered.

Hours: 42 hrs (3-0)

Credits: 3

BCEM 393 • Introduction to Biochemical Molecules

Prerequisite: BIOL 311 & CHEM 250 or permission of the Dean

The course focuses on the structure and function of the various biomolecules observed in life on Earth: nucleic acids, amino acids, carbohydrates, lipids, proteins and enzymes, with an emphasis on protein structure and enzyme catalysis. Carbohydrate, lipid and nitrogen metabolism are also covered. The laboratory instructs modern biochemical techniques for analysis of biochemical molecules including carbohydrates, amino acids, proteins, and enzymes.

Hours: 70 hrs (3-4/2)

Credits: 4

BEET (Built Environment Engineering Technology)

BEET 201 • Digital Design & Presentation

Prerequisite: CADD 122

This course is an introduction to the preparation of design presentation graphics using modeling and design applications. Methods and concepts of design presentation graphics at various phases of a project such as new construction and as-built drawings as part of the construction process are discussed. This course will reinforce understanding of the fundamentals of mechanical design, building design and civil design technology and detailing while providing opportunities to explore presentation skills and technical drawings.

Hours: 84 hrs (0-6)

Credits: 4

BEET 231 • Mechanical Design II

Prerequisite: CADD 102 & CADD 122 & CADD 132

This course will examine the design of mechanical systems, analysis of components and systems operation, and manufacturing materials. We will prepare drawings and models in accordance with recognized standards and regulations. Using the latest software and technology, we will simulate real world scenarios that reinforce mechanical design principles. Advanced manufacturing and emerging technologies such as 3D printing, scanning, laser cutting, CNC machining, coding and robotics are applied.

Hours: 84 hrs (2-4)

Credits: 4

BEET 232 • Mechanical Design III

Prerequisite: BEET 231

Students will be exposed to the design and selection of various machine components and machine drive systems such as shafts, keys, gears, bearings, fasteners, bolted and welded connections. A design project is completed utilizing calculations for the selection of machine elements, sizing of components including a set of working drawings and specifications. Advanced manufacturing and emerging technologies such as 3D printing, scanning, laser cutting, CNC machining, coding, and robotics are applied.

Hours: 98 hrs (2-5)

Credits: 4

BEET 242 • Piping and Control Systems

Prerequisite: CADD 102 & CADD 122

This course examines process plant design and drafting practices relating to piping materials, valves, equipment, vessels, and locations according to governing regulations and specifications. Topics will include fluid mechanics and the components and integration of control systems for mechanical and electrical applications. Using current software and technology we will explore topics including:
flow diagrams, isometric & orthographic drawings, engineered supports, and 3D virtual models.

**BEET 261 • Civil Design II**
**Prerequisite: CADD 102 & CADD 122 & CADD 161**
Students are introduced to civil engineering design concepts using various civil design software tools. Students will be introduced to the principles and applications of Geographic Information Systems (GIS) and components of GIS. Collection of data and manipulation of the data into information including how to effectively display that information with presentation and mapping tools will be explored. Civil engineering topics in the area of urban planning, and subdivision layout will be introduced. Students will have the opportunity to explore how various sources of data are collected and utilized to document and solve various civil engineering problems.

**Hours:** 84 hrs (2-4)
**Credits:** 4

**BEET 262 • Civil Design III**
**Prerequisite: BEET 261**
An advanced course developing the theories and practices common in municipal engineering applications. Design and drafting projects may include surface drainage, storm sewer, sanitary sewer, basic roadway design/layout, water system layout, and GIS applications. Municipal topics such as specifications and standards are discussed with examples of Urban Planning and Transportation design to help reinforce good municipal design. Computer design software is utilized to reinforce traditional design/drafting procedures. Project management techniques specific to municipal design and supervision of construction will be reviewed for various infrastructure projects.

**Hours:** 98 hrs (2-5)
**Credits:** 4

**BEET 271 • Design Strategies**
**Prerequisite: CADD 132 & CADD 161 & CADD 182**
Through case studies, hands-on projects and theoretical knowledge, this course introduces the student to essential skills in the engineering design and development process. Concepts and processes such as project management, teamwork and communication are addressed as students learn about critical phases of the design and development process such as understanding the design requirements, identifying stakeholder constraints, generating alternatives, and communicating the design. Students will apply engineering theory and technology to explore, model, prototype, and present product designs for the built environment.

**Hours:** 84 hrs (2-4)
**Credits:** 4

**BEET 272 • Technical Design - Capstone**
**Prerequisite: BEET 271**
**Corequisite: BEET 232 & BEET 262 & BEET 282**
Students will research, prepare, and present a major technical report that will apply to one of the related disciplines of engineering technology for the built environment; building construction, mechanical engineering or civil engineering. The technical report is based on research, presentation techniques, technical content, and written style with a specific emphasis on communication.

**Hours:** 84 hrs (2-4)
**Credits:** 4

**BIET 281 • Building Design II**
**Prerequisite: CADD 102 & CADD 122 & CADD 182**
Technology, terminology, standard building practices and technical drafting standards for residential building design and construction are addressed as students learn and practice fundamental aspects of design, planning and construction. Current 3D modeling and drafting software is utilized. Students are introduced to pertinent building codes, municipal standards, and design practices as they progress through course work. Topics include floor plan design, elevation drawings, foundation plan, building sections, schedules, structural design and construction details.

**Hours:** 84 hrs (2-4)
**Credits:** 4

**BEET 282 • Building Design III**
**Prerequisite: BEET 281**
An advanced course introducing topics and theories related to commercial building design and construction. Students will build on knowledge in areas of technology, terminology and standards while advancing their knowledge of design, planning, detailing and construction processes. Advanced topics include Barrier Free design, occupant safety, communications (oral, written, and graphic), reporting and coordination as students work both individually and in team environments. Current 3D modeling and drafting software; and pertinent building codes, municipal standards, and design practices are addressed.

**Hours:** 98 hrs (2-5)
**Credits:** 4

**BIOL (Biology)**

**BIOL 020 • General Biology Topics**
**Prerequisite: SCIE 010 & (ENGL 010 or ENGL 013)**
BIOL 020 builds on the introductory concepts of cell structure and function, transport of matter and cell specialization from SCIE 010. The exchange of matter and energy with the environment is investigated at the cellular level in several human systems and at the population and ecosystem level. Lab work is required.

**Hours:** 84 hrs (4-2)
**Credits:** 4

Available On-Site and in a Distributed Learning Format

**BIOL 030 • Matriculation Biology**
**Prerequisite: BIOL 020**
BIOL 030 continues the investigation of human systems begun in BIOL 020 by focusing on the continuity of life, regulation and coordination of human systems, cell division, genetics and molecular biology. Dynamics of growth and change in populations and communities will be introduced. Lab work is required.

**Hours:** 84 hrs (4-2)
**Credits:** 4

Available On-Site and in a Distributed Learning Format

**BIOL 152 • Anatomy and Physiology for Practical Nurses**
This course offers an introduction to normal structure and function of the human body, using a body systems approach.

**Hours:** 90 hrs (6-0) 15 wks
**Credits:** 4
BIOL 205 • The Organization and Diversity of Life
Introduction to fundamental concepts that are the basis for life on earth. These concepts include the central dogma, metabolism, inheritance, microbial threats and the immune system, bioinformatics, and cellular function. They will be addressed from the perspective of current issues and questions pertinent to our global existence. NOTE: Not open for credit to majors or minors in Biological Sciences. Credit for only one of BIOL 205 and BIOL 231 will be allowed.
Hours: 42 hrs (3-0)
Credits: 3

BIOL 221 • Evolution
Prerequisite: BIOL 231 & BIOL 233
This course discusses the principles underlying evolutionary change and resulting outcomes in biological systems. Topics include population genetics, variation, natural selection, sexual selection, adaptation, speciation, extinction, human evolution and fossil evidence.
Hours: 84 hrs (3-3)
Credits: 4

BIOL 231 • Introduction to Biology I
Prerequisite: BIOL 30 & CHEM 30 or permission of the Dean
This course examines the cellular basis of life of eukaryotic and prokaryotic cells, including biomolecules, cell structure and function, cellular energies, cell reproduction, genetics, and related molecular biology. NOTE: Credit for only one of BIOL 205 or BIOL 231 will be allowed.
Hours: 84 hrs (3-3)
Credits: 4

BIOL 233 • Introduction to Biology II
Prerequisite: BIOL 30 & CHEM 30
This course examines the evolutionary biology, phylogenesis, and organismic biology of plants and animals. In the laboratory, various taxa are introduced with a focus on the diversity, form, and function of plants and major Metazoan phyla.
Hours: 84 hrs (3-3)
Credits: 4

BIOL 254 • Plant Taxonomy
This course examines the major plant divisions with an emphasis on the morphology, taxonomy, ecology and reproductive biology of angiosperms and gymnosperms. Identification keys to flora of Western Canada are used during the course. You are required to submit a plant collection. Labs emphasize morphological and anatomical characteristics of major plant families. A portion of laboratory hours will be assigned to field trips.
Hours: 70 hrs (3-2)
Credits: 4

BIOL 255 • Ecology
This course is a study of the interactions between organisms and their environment at the individual, population, community and ecosystem levels. Labs concentrate on basic ecological principles and the collection and analysis of field data for determining the distribution and abundance of organisms in their environment. A field trip is a component of the lab.
Hours: 70 hrs (3-2)
Credits: 4

BIOL 258 • Zoology
Prerequisite: BIOL 30 is recommended
This course is a comparative survey of the animal kingdom, with emphasis on the classification, adaptation, morphology, and physiology of vertebrates. Laboratory studies involve the structural and functional adaptations of vertebrates, and recognition and identification of vertebrate taxa.
Hours: 70 hrs (3-2)
Credits: 4

BIOL 259 • Aquatic Ecology
Prerequisite: BIOL 30 is recommended
This course is a study of abiotic and biotic interactions in the freshwater aquatic environment. This includes the physical and chemical characteristics of streams and lakes and the classification, morphology, identification, and ecology of aquatic invertebrates and vertebrates. Laboratory studies emphasize the study of aquatic organisms and their interaction. This course includes an applied field component.
Hours: 70 hrs (3-2)
Credits: 4

BIOL 275 • Basic Human Anatomy and Physiology I
Prerequisite: BIOL 30 is recommended
BIOL 275 and BIOL 277 are designed to give a thorough basic knowledge of the structure and function of the human body. BIOL 275 begins by examining the levels of organization (atom through organ systems) of the human body, then explores four organ systems in detail. These systems include: the skeletal and muscular systems that support and protect the body, and make movement possible; and the endocrine and nervous systems which integrates and coordinates body function. Some disorders of each system are explored.
Hours: 84 hrs (3-3)
Credits: 4

BIOL 277 • Basic Human Anatomy and Physiology II
Prerequisite: BIOL 275
This course examines the organ systems not studied in BIOL 275, including the special senses, integumentary, digestive, respiratory, circulatory, lymphatic, urinary systems, and the male and female reproductive systems. Some disorders of each system will be explored.
Hours: 84 hrs (3-3)
Credits: 4

BIOL 305 • The Human Organism
Prerequisite: BIOL 30 or BIOL 205
Introduction to the function of the human body. The interaction of body systems with diet, pathogens and environmental agents is discussed as it relates to health and disease. New advances in biotechnology, as they relate to the study of humans at the molecular levels, are also discussed. Topics covered include an introduction to the technology and the social aspects of organ transplants, embryo manipulation, and genetic engineering. NOTE: Not open for credit to majors and minors of Biological Sciences.
Hours: 56 hrs (3-1T)
Credits: 3
BIOL 311 • Principles of Genetics
Prerequisite: BIOL 231 & BIOL 233 or permission of the Dean.
The course addresses the chromosomal and molecular basis for the transmission and function of genes through various topics: Patterns of inheritance, including Mendelian genetics, segregation and recombination, sex linkage and human genetics; the structure and function of the genetic material including complementation and regulation of gene expression; the construction of genetic and physical maps of genes; gene and chromosome mutation; molecular genetics and modern DNA technologies including genome sequencing and genetic engineering. Many selected organisms are used in the laboratory to illustrate relevant genetic principles.
Hours: 84 hrs (3-3)
Credits: 4

BIOL 313 • Introduction to Ecology and Evolution
Prerequisite: BIOL 231 & BIOL 233 or permission of the Dean
An examination of evolutionary and ecological concepts that explain the interactions of organisms at the individual, population, community and ecosystem levels with their biotic and abiotic environment. Labs and field trips explore ecological principles and the collection and interpretation of data.
Hours: 84 hrs (3-3)
Credits: 4

BIOL 321 • Mechanisms of Evolution
Prerequisite: BIOL 231 & BIOL 233
This course discusses the mechanisms underlying micro and macroevolutionary outcomes in biological systems. Topics include population genetics, variation, natural selection, sexual selection, adaptation, speciation, extinction and fossil evidence.
Hours: 84 hrs (3-3)
Credits: 4

BIOL 331 • Introduction to Cellular & Molecular Biology
Prerequisite: BIOL 311 and CHEM 250 or permission of the Dean
The course addresses the principles of cellular structure and function through various topics: membrane structure and transport; intracellular compartments and communication; cytoskeleton; interaction of cells with their neighbors and their environment; pattern formation during embryogenesis; the regulation and dysregulation of cell proliferation; and stem cells and tissue renewal. The tutorial will introduce students to modern microscopic techniques such as confocal and electron microscopy.
Hours: 56 hrs (3-1T)
Credits: 4

BMAT (Business Math)

BMAT 182 • Mathematics for Business I
This course teaches the application of mathematical principles and concepts used in business. Key subject areas covered include break-even analysis, mark-up pricing, simple and compound interest applications, future and present value of money, and amortization scheduling principles.
Hours: 56 hrs (4-0)
Credits: 3

BMAT 183 • Business Math and Statistics
BMAT 183 will focus on the uses of data in realistic business applications and problems. Topics include using data for decision making, using numbers, graphs and tables to describe data, probabilities, sampling distributions, and other statistical techniques applied to data and business situations.
Hours: 56 hrs (4-0)
Credits: 3

BOTA (Botany)

BOTA 205 • Introduction to Botany
An overview of the structure, function, biology and diversity of organisms included in the Plant Kingdom including algae, fungi and lichens. Emphasis is on reproduction, development, structural and functional innovations of vascular plants in their environment.
Hours: 84 hrs (3-3)
Credits: 4

CADD (Computer Aided Drafting and Design)

CADD 101 • Drafting I
In this foundational course, students are introduced to the tools and techniques of drafting and technical illustration. Sketching, freehand lettering, line work, drafting nomenclature and document layout, applying proper techniques to create and dimension single view and multi-view drawings. Using Autodesk AutoCAD®, and/or other current drafting applications students are introduced to the drawing environment in metric and imperial units based on common drafting standards. The use of scales, line weight, dimensioning techniques and standards will be applied to all drawings, manual or digital. Other common computer applications and productivity software such as word-processing, spreadsheet and presentation applications will be introduced. File management, basic commands, editing, styles, layer creation, entity verification and printing will be used to develop drawings, documents and presentations.
Hours: 70 hrs (2-3)
Credits: 4

CADD 102 • Drafting II
Prerequisite: CADD 101
Building on the foundational skills developed in CADD 101, students will advance their manual and digital drafting, communication, and presentation skills as they continue to reinforce and expand their theoretical knowledge. Topics include isometric projections, cross-sections, multi-view drawings, drawing layout, annotation, document sharing – both hard copy and electronic.
Hours: 70 hrs (2-3)
Credits: 4
CADD 121 • CADD Applications I
Students will be introduced to various drafting, design and technical illustration software such as Autodesk Revit, Autodesk Inventor, and Adobe Photoshop. The user interface, tools, model development, workflows, file management and presentation layout will be addressed to produce basic design, working, and presentation drawings in the engineering drafting and design disciplines. Advanced manufacturing and emerging technologies such as 3D printing, scanning, laser cutting, CNC machining, coding, and robotics may be introduced.

Hours: 84 hrs (2-4)
Credits: 4

CADD 122 • CADD Applications II
Prerequisite: CADD 121
With a focus on advanced design and drafting theory and technology, students will advance their understanding of the fundamental design concepts and software to develop 3D and 2D technical drawings and models. Advanced manufacturing and emerging technologies such as 3D printing, scanning, laser cutting, CNC machining, coding, and robotics may be introduced.

Hours: 84 hrs (2-4)
Credits: 4

CADD 132 • Mechanical Design I - Applied Physics
Prerequisite: CADD 101 & CADD 173
This course will examine statics and strength of materials. CADD applications will be used as a tool to explore and visualize problems and solutions to mechanical and physics problems. Topics will include force vectors, force system resultants, moment of a force, equilibrium of a rigid body, frictional forces, structural analysis, simple trusses, frames and machines, center of gravity, centroid and moment of inertia, strain, stress, mechanical properties of materials and Hooke’s law.

Hours: 84 hrs (2-4)
Credits: 4

CADD 151 • Technical Communication
This course prepares students for written, visual and oral communication for technology disciplines. The primary focus of this course is to develop the skills to write and format a technical report to industry accreditation standards as well as developing the use of engineering terminology correctly and accurately in written and oral communication. Particular emphasis is placed on the language, structure, content and graphic presentation required for technical reports. Students will develop research skills, becoming familiar with technical journals, and literature. Students will learn and apply word processing, spreadsheets, and other digital applications to communicate clearly and effectively.

Hours: 56 hrs (2-2)
Credits: 3

CADD 161 • Civil Design I - Civil Design Fundamentals
Prerequisite: CADD 101 & CADD 173
The theory of surveying covering the vertical and horizontal measurement of distances and angles. Open and closed traverse computations and adjustment, levelling circuits, profiles, cross sections and horizontal curves. Introduction to the land survey system of Western Canada and the relationship to topographical drafting and topographic maps. Topographical nomenclature; contour maps; interpretation of survey notes to complete Civil engineering drawings. Aerial photo interpretations, map reference, map location grids and interpretation of topographical features are discussed.

Hours: 84 hrs (2-4)
Credits: 4

CADD 172 • Sustainability & Systems Thinking
Students are introduced to sustainability concepts and programs; and are given the opportunity to discuss and explore sustainability as it relates to the built environment. Systems Thinking is introduced as a means to think critically, understand and discuss sustainability topics.

Hours: 56 hrs (2-2)
Credits: 3

CADD 173 • Construction Methods
This course presents the functions, concepts, and drawings related to construction methods for projects in the mechanical design, civil design and building design disciplines. Students will have the opportunity to explore these topics for various components of the built environment while incorporating the appropriate codes and specifications. The essential theories of project management as they relate to the engineering environment within the confines of owner specifications and applicable codes will be explored. Students will be introduced to the project manager’s role in the process of coordinating people and projects using various management methods including but not limited to: work breakdown structures, project scheduling, estimating, contract administration, management of change, quality, safety and risk management.

Hours: 56 hrs (2-2)
Credits: 3

CADD 174 • CADD Labs
This course will provide students with an interdisciplinary opportunity to work hands-on in a lab environment in order to gain practical experience related to one or more disciplines related to the engineering of the built environment. Opportunities may include one or more of visual communications, business, plumbing, electrical, welding, pipe-fitting, carpentry, automotive/heavy equipment, or other interactions with external partners. Issues and topics relating to workplace health and safety will also be addressed.

Hours: 70 hrs (0-5)
Credits: 4

CADD 182 • Building Design I - Building Systems
Prerequisite: CADD 101 & CADD 173
Major building systems influence the form, function and performance of buildings as well as how people experience the spaces they work and live in. This course will introduce students to structural, building envelope, HVAC, plumbing, and electrical systems for residential and/or light commercial buildings. Students will also explore how environmental and site conditions can impact how a building functions with respect to its major systems.

Hours: 84 hrs (2-4)
Credits: 4
CHEM (Chemistry)

CHEM 020 • Introductory General Chemistry
Prerequisite: (MATH 010 or MATH 010FN [minimum grade of B]) & SCIE 010
CHEM 020 builds on the concepts of properties of matter, basic nomenclature and balancing equations covered in SCIE 010. CHEM 020 concentrates on the diversity of forms of matter, chemical bonding and the quantitative relationships in chemical reactions. Lab work is required.
Hours: 84 hrs (4-2)
Credits: 4
Available On-Site and in a Distributed Learning Format

CHEM 030 • Matriculation Chemistry
Prerequisite: CHEM 020 & (MATH 020 [highly recommended] or MATH 020FN [minimum grade of B])
CHEM 030 builds on the concepts of changes in matter and the stoichiometry of chemical reactions when dealing with thermochemical and electrochemical changes. Solution chemistry (with an emphasis on acids and bases) and chemical equilibrium (focusing on acids and bases) are major components. Organic compounds and their reactions are introduced. Lab work is required.
Hours: 84 hrs (4-2)
Credits: 4
Available On-Site and in a Distributed Learning Format

CHEM 201 • General Chemistry I
Prerequisite: CHEM 30 & MATH 30-1. MATH 31 is strongly recommended
This course features both lecture and laboratory work for instruction.
Lecture: Basic chemical concepts with an emphasis on stoichiometry; chemical bonding; atomic and molecular structure; the states of matter and phase changes; properties of solutions.
Laboratory: Experiments are designed to illustrate the lecture material and to develop skill in using basic laboratory equipment.
Hours: 98 hrs (4-3)
Credits: 4
Available On-Site and in a Web-based Format

CHEM 203 • General Chemistry II
Prerequisite: CHEM 201
This course features both lecture and laboratory work for instruction.
Lecture: An extension of CHEM 201 with an emphasis on: gas phase, acid-base and solubility equilibria; thermodynamics; oxidation-reduction concepts and electrochemistry; chemical kinetics and nuclear chemistry.
Laboratory: Experiments are designed to highlight the lecture material and to develop skill in using the necessary laboratory equipment.
Hours: 98 hrs (4-3)
Credits: 4

CHEM 250 • Organic Chemistry I
Prerequisite: CHEM 201 or the equivalent
This course features both lecture and laboratory work. Lectures: The study of functional groups found in the main classes of organic compounds and their molecular conformation and stereo-chemistry important to biology (e.g., amino acids, proteins, medicinals, pesticides, fats, sugars, carbohydrates, nucleic acids) as well as some molecules found in everyday life (soaps, detergents, fibres, perfumes, polymers, etc.) are discussed. Laboratory: Techniques in organic chemistry, and preparation of some organic compounds.
Hours: 98 hrs (4-3)
Credits: 4

CHEM 251 • Organic Chemistry II
Prerequisite: CHEM 250
Continuation of CHEM 250.
Hours: 98 hrs (4-3)
Credits: 4

CHEM 350 • Organic Chemistry I
Prerequisite: CHEM 203
Both lecture and laboratory work comprise the instruction for this course. Lectures: A systematic view of organic chemistry from the traditional functional group approach. It provides a comprehensive background in organic chemistry as a basis for the further study of molecular processes and events in biological, environmental and industrial systems. Emphasis is on the relationship between chemical families and their interconversions. Mechanistic concepts such as acidity, basicity, and redox reactions will be used throughout to explain and predict organic and bio-organic reactions.
Bio-organic and biologically significant organic chemistry is illustrated throughout. Laboratory: Techniques in organic chemistry; and the preparation of organic and bio-organic compounds.
NOTE: Students who have obtained credit for CHEM 250 cannot take CHEM 350 for credit.
Hours: 98 hrs (4-3)
Credits: 4

CHEM 351 • Organic Chemistry II
Prerequisite: CHEM 350
This course is a continuation of CHEM 350. NOTE: Students who have obtained credit for CHEM 251 cannot take CHEM 351 for credit.
Hours: 98 hrs (4-3)
Credits: 4

CHPC (Childhood Professional Course)

CHPC 120 • Child Development I
This course presents information regarding the principles, theories, and research findings that contribute to our understanding of normative development in children from birth to early adolescence. It introduces you to information related to all aspects of the “whole” child - language, cognition, emotion, social, physical, moral and creative.
Hours: 40 hrs (4-0) 10 wks
Credits: 3
Available On-Site and in a Distributed Learning Format

CHPC 121 • Child Development II: An Introduction to Children with Special Needs
You are introduced to child development that may not follow normative patterns. Major areas of disability are reviewed and you have opportunities to learn about the characteristics of these disabilities, and to consider the developmental implications for
CJLS (Criminal Justice and Legal Studies)

CJLS 101 • Introduction to Criminal Justice Careers
The focus of this course involves the study of the philosophy and history of careers within the criminal justice profession. Topics include orientation to a broad variety of criminal justice careers including: law enforcement, correctional services, security agencies and their organizational structures. The basics of risk identification; quantification; prioritization; and the risk transfer process will be reviewed. Additionally, a component on interagency communications will be presented. Students will also gain an understanding of the importance of recording accurate and thorough professional notebooks.

Hours: 56 hrs (4-0)
Credits: 3

CJLS 102 • Effective Communications in Criminal Justice
This course focuses on the theory and practice of effective human relations. Rewarding interpersonal relationships are the foundation of both our personal and professional success. The quality of our relations with others – family, friends, colleagues, and the general public – depends on our interpersonal skills. The purpose of this course is to help students understand and master those skills. The course offerings will also address the importance of diversity in law enforcement and the need to have an appreciative understanding of other cultures, races, orientations, abilities and the need for gender equality.

Hours: 42 hrs (3-0)
Credits: 3

CJLS 106 • Law and the Administration of Justice
This is an introductory course on the fundamental legal precepts and philosophies in the areas of criminal law in Canada. A study relating the civil court structure to criminal law is included, as well as a discussion of Canadian case law.

Hours: 42 hrs (3-0)
Credits: 3

CJLS 111 • Investigations and Forensics
This course is an introductory investigations course focusing on the basics of forensics at a crime scene. The legal and procedural aspects of processing a crime scene are covered in detail. Investigative actions include the securing of a crime scene, controlling access, assessing evidence potentiality, recording the scene and the proper handling of evidence. Search techniques, report writing, incident scene drawing and measuring techniques are studied and applied.

Hours: 42 hrs (3-0)
Credits: 3

CJLS 116 • Federal and Provincial Criminal Justice Legislation
Prerequisite: CJLS 106
This course will introduce the students to a myriad of legislation utilized by criminal justice industry professionals. While CJLS 101 touches on the various career paths available in criminal justice, CJLS 116 will reach deeper to establish the legal parameters these professionals work within. This course will evaluate the legislative framework found in both federal and provincial criminal justice agencies.

Hours: 42 hrs (3-0)
Credits: 3

CJLS 120 • Lifestyles and Career Orientation
The focus of this course is to offer the students important information about lifestyle challenges specific to a law enforcement environment such as the impact of shift work and stress, the hazards of post-traumatic stress disorder, the value of physical fitness, and the need for dietary balance. The students will be introduced to concepts of healthful living and the dangers of self-medication and substance abuse. The second component of the course will involve preparations for future careers, including covering letters, resumes and undertaking a behavioral interview.

Hours: 28 hrs (2-0)
Credits: 1.5

CJLS 126 • Criminal Code, Offence Elements and the Charter
This course is a comprehensive study of various Criminal Code sections. Emphasis is placed on an in-depth analysis of selected criminal offences, the elements of crime pre-trial criminal procedures, the trial process, and the significance of the Canadian Charter of Rights. There is also an examination of the statutes and procedures related to civil and administrative tribunals.

Hours: 42 hrs (3-0)
Credits: 3

CJLS 131 • Interviewing and Statements
This course introduces the human element into investigative procedures, including information of the frailty of human recollection and observation as well as aspects of detecting deception. Statement
CJLS

CJLS 135 • Police and Security Technical Reports
This course focuses on the technical forms and report writing required in the police and security fields. This course includes the preparation of original, continuation, investigative, and exhibit reports. Students will learn the logical analysis of material and evidence as well as the proper format, structure, and presentation of material and evidence in written and oral forms. This course incorporates a computer element, and students will be required to attain keyboarding and word processing speed of 20 wpm. Students will also attain proficiency in Microsoft Word.
Hours: 56 hrs (4-0)
Credits: 3

CJLS 166 • Introduction to Natural Resource Law
This course is an introduction to the Canadian legal system and sources of environmental law. The evolution and creation of law with a direct focus on the role of resource law enforcement in resource management are examined. The fundamental principles of the Canadian judicial system, trials, sentencing, appeals and the Canadian Charter of Rights and Freedoms are also reviewed. Selected provincial and federal environmental laws that regulate air, contaminated land, waste and wildlife are addressed. Officer, directors, corporate liability, and common defenses are examined.
Hours: 56 hrs (4-0)
Credits: 3

CJLS 221 • Investigative Techniques
Prerequisite: CJLS 111 and CJLS 231
The course focuses on witness interview as well as persons of interest interview techniques. An in-depth study of various police investigative techniques, including wiretaps, use of technology, the role of social media, crime management systems, and risk management and assessment in criminal investigations will be undertaken. This course also focuses on interagency cooperation and investigations and includes a study of white-collar crime and investigation techniques. This course will also undertake a practical application of surveillance techniques as utilized by a variety of enforcement practitioners.
Hours: 42 hrs (3-0)
Credits: 3

CJLS 224 • Mental Health
This course examines the major mental disorders and their relationship to criminal behavior. The focus is on recognizing, understanding, and effectively responding to situations involving individuals displaying abnormal behavior.
Hours: 42 hrs (3-0)
Credits: 3

CJLS 231 • Forensic Science
Prerequisite: CJLS 111
This course focuses on the use of various methods of crime scene management, methods of identifying persons involved in crimes, and a study of selected criminal offences. Areas that are covered in this course include crime scene collection methods, forensic issues such as DNA, hair and fibre, fingerprinting, explosives, and other related issues. Students will become familiar with exhibit and lab reports and the use of various crime scene labs.
Hours: 42 hrs (3-0)
Credits: 3

CJLS 233 • Legal Evidence and Trial Presentation
Prerequisite: CJLS 101, CJLS 106, CJLS 116 and CJLS 126
As a group project, students will utilize notes, statements and evidence gathering techniques to investigate a crime and then prepare a proper report, court brief and criminal charges which are presented at a mock trial. The extensive nature of this detailed reporting and procedural course demands attention to and understanding of Impaired Driving legislation from the Criminal Code and provincial legislation perspectives.
Hours: 42 hrs (3-0)
Credits: 3

CJLS 241 • Major Criminal Investigations
Prerequisite: CJLS 111, CJLS 126, CJLS 231 and CJLS 233
This course focuses on criminal investigations. There is a review of crime scene management techniques and basic and advanced investigative techniques. Topics include some selected case studies and specific issues such as homicide, search and seizure, property offences and related offences. Students in a group project will investigate a major mock crime and will employ techniques and methods learned in this course to complete a full and proper investigation. Students will utilize investigative interviews and person of interest interview techniques during the mock investigation.
Hours: 56 hrs (4-0)
Credits: 3

CJLS 246 • Federal and Provincial Statutes
Prerequisite: CJLS 106
This course focuses on crimes against persons including homicides, criminal harassment, peace bonds, obstruction, perjury, and related offences. It also covers other federal statutes including the Controlled Drugs and Substances Act and the Youth Criminal Justice Act. A number of Alberta provincial statutes are covered including but not limited to: The Gaming and Liquor Act, The Police Act and Regulations, Traffic Safety Act, and other relevant statutes including municipal by-laws.
Hours: 42 hrs (3-0)
Credits: 3

CJLS 247 • Public Safety, Emergency Planning, and Response
This course prepares the student to render assistance to the public regardless of what unforeseen natural or man-made disasters should occur when employed in the law enforcement field. Students also receive instruction in the areas of crowd control, fire hazards, fire prevention, and the identification of dangerous goods, officer safety, bomb threat, and site management.
Hours: 42 hrs (3-0)
Credits: 3
CJLS 251 • Specialized Investigations
Course focuses on developing the analytical techniques applicable to many aspects of the criminal justice industry. The honing of critical thinking skills will include the utilization of an array of systematic processes for evaluation. The threat risk assessment process and threat mitigation will be discussed. This framework is then utilized to develop an understanding of crime analysis, criticality and impact analysis and corporate espionage.

Hours: 42 hrs (3-0)
Credits: 3

CJLS 257 • Leadership and Development
This course focuses on the dynamics of effective leadership. Leaders are human relations specialists. They understand themselves and others, appreciate the challenges and responsibilities of leadership, and are committed to maximizing human potential. The purpose of this course is to examine basic management concepts and leadership styles, and to arrive at a deeper understanding of the critical issues in law enforcement management today. Human relations, team-building, and oral communication skills are further developed.

Hours: 42 hrs (3-0)
Credits: 3

CJLS 261 • Intelligence, Espionage and Terrorism
This course examines the intelligence community globally and in Canada. It will include discussion and implementation of analytical techniques utilized to identify and assess a threat to national security as well as the techniques utilized in espionage and the potential impact on Canadian strategic interest. The course extensively covers the concern of modern terrorism in the context of the various international perspectives and priorities. The program will also undertake a practical application of surveillance techniques as utilized by a variety of enforcement practitioners.

Hours: 42 hrs (3-0)
Credits: 3

CMMB (Cellular Molecular Microbiology)

CMMB 250 • Microbiology for Health Care Professionals
Prerequisite: BIOL 30
Recommended Background: CHEM 30
This course is intended to provide health care professionals with a working knowledge of infectious disease. Major lecture topics will be devoted to structure and function relationships in pathogenic micro-organisms and how these are expressed in host-parasite interactions. Microbial diseases of specific organ systems will be examined as will host response mechanisms. The laboratory will emphasize fundamental microbial techniques, and use them to illustrate lecture content.

Hours: 84 hrs (3-3)
Credits: 4

CMMB 343 • Introduction to Microbiology
Prerequisite: BIOL 231 & CHEM 250
Introductory study of the systematics, ecology, physiology, molecular biology, and role in pathogeneses of the major groups of prokaryotes.

Hours: 84 hrs (3-3)
Credits: 4

COMM (Communications)

COMM 140 • Communication in the Workplace
This introductory communications course provides a general foundation for quality communication in the workplace through written, oral, and visual representation. Its emphases are reviewing basic grammar, developing a personal style, attending to audience and purpose, and enhancing research skills. You will work individually and collaboratively on various written assignments, including a documented research report, as well as give oral/visual presentations.

Hours: 56 hrs (4-0)
Credits: 3

COMM 154 • Interpersonal Communications for Practical Nurses
Introduction to the concept of self-awareness and the process of communication. Emphasis is on understanding the communication process and on building personal and professional communication skills. Communication techniques for working with cultural diversity and special populations are also explored.

Hours: 45 hrs (3-0) 15 wks
Credits: 3

COMM 250 • Oral Communications
This course helps you develop the necessary confidence and skill to present your ideas clearly and effectively to both large and small audiences. The course is designed to provide a number of different speaking and listening opportunities so that you can practice the techniques necessary to become competent oral communicators in a wide variety of social and business settings.

NOTE: Students cannot receive credit for both COMM 250 and SPCH 2001.

Hours: 42 hrs (3-0)
Credits: 3

COMM 252 • Advanced Business Communications
This course examines specific business communications products: memos, letters, resumes and employability skills and presentations. You will develop these products within a business employment context and gain an understanding of the organizational processes that govern internal and external communications strategies.

Hours: 56 hrs (4-0)
Credits: 3

COMM 253 • Human Relations in the Workplace
Introductory course in interpersonal relations that focuses on specific skills, behaviours, and attitudes needed to work productively with others. By encouraging self-awareness, along with an understanding of communication dynamics, this course can help you develop the “people skills” needed to be successful in today’s organizations.

Hours: 42 hrs (3-0)
Credits: 3
COMP (Computer Technology)

COMP 010 • Computer Literacy
Corequisite: ENGL 009
This is a basic introductory course for a general understanding of computers and their use. An effort has been made to coordinate and minimize content overlap with other programs and to accommodate you whether you have some or no previous computer experience.
Hours: 70 hrs (5-0)
Credits: 4

COMP 1103 • Introduction to Computers
This course provides a non-scientific introduction to the use of computers and their impact on society. Major topics in the field will be explored, ranging from the workings of computers and software, to the implications of the Internet. Students will develop a technical competency by applying foundational concepts from lecture in the lab through the use of computers for word processing, spreadsheet analysis, database management and communications. This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College. NOTE: Students cannot receive credit for both MICO 191 and COMP 1103.
Hours: 42 hrs (3-0)
Credits: 3

CPSC (Computer Science)

CPSC 203 • Introduction to Computers
An overview of computers and technology designed to examine in some detail the ever changing world of Information Technology, embedded computer technology and the impact of these technologies upon society. You learn what you will need to know about Information Technology to prosper in an increasingly technical world. You work with personal computers to gain advanced proficiency with word processing, spreadsheets, presentation software and Internet access software applications for increased productivity and security. NOTE: CPSC 203 is not available for credit for Engineering majors.
Hours: 84 hrs (3-3)
Credits: 4

CPSC 231 • Introduction to Computer Science I
Introduction to problem solving, the analysis and design of small-scale computational systems, and implementation using a procedural programming language. NOTE: This course does not assume prior programming background but does assume a mathematical/scientific inclination.
Hours: 84 hrs (3-1T-2)
Credits: 4

CPSC 233 • Introduction to Computer Science II
Prerequisite: CPSC 231 or permission of the Dean
Emphasis is on object-oriented analysis and design of small-scale computational systems and implementation using an object oriented language. Issues of design, modularization, and programming style will be emphasized.
Hours: 84 hrs (3-1T-2)
Credits: 4

CYCC (Child and Youth Care Counsellor)

CYCC 111 • The Profession of Child and Youth Care
Introduction to foundational principles of Child & Youth Care practice. Focus is on identifying and exploring values, beliefs, and ethics within a professional context. The scope of CYCC practice, including the essential characteristics of an effective Child & Youth Care Counsellor, will be addressed. Therapeutic relationships, professional conduct, effective communication, and self-awareness will be topics of discussion. NOTE: CYCC 111 is a prerequisite for all subsequent CYCC courses. This course has an off-site retreat and the fee will be noted in the course outline.
Hours: 56 hrs (3-1)
Credits: 3

CYCC 120 • Practicum I
Prerequisite: A minimum of a C grade in CYCC 111 & IDST 100
Corequisite: CYCC 125
Student placement with community partners in conjunction with a weekly seminar is designed to facilitate individual self-awareness and the impact on one’s professional Child & Youth Care practice. Focus is on professional practice, therapeutic communication, reflective practice and relationship development. Topics of discussion include the development of objective observation and recording skills as well as the development of the interpersonal skills necessary for an effective Child & Youth Care Counsellor.
Hours: 112 hrs (0-2-6P)
Credits: 4.5

CYCC 122 • Working with Vulnerable Children, Youth and Families
Prerequisite: A minimum of a C grade in CYCC 111
Introduction to effective trauma informed interventions with children, youth and families who have experienced trauma, abuse and neglect. Detailed indicators of child abuse are presented and intervention approaches are explored through a lens of intergenerational trauma, child, youth and family advocacy, and strategies that enhance Child & Youth Care Counsellor professional relationships with vulnerable children, youth and families.
Hours: 42 hrs (3-0)
Credits: 3

CYCC 125 • Fundamental Skills in Counselling
Prerequisite: A minimum of a C grade in CYCC 111 & IDST 100
Introduction to individual counselling with an emphasis on the acquisition and practical application of therapeutic communication. Characteristics and strategies of person centered and strength based approaches are explored in assisting clients within a professional helping relationship. Experiential learning opportunities are provided, as counselling theory is integrated into practice. Reflection on the impact of ones values, beliefs, and ethical standards will also be explored.
Hours: 56 hrs (1-3)
Credits: 3
CYCC 230 • Practicum II
Prerequisite: A minimum of a C grade in CYCC 120
Student placement with community partners, in conjunction with a weekly seminar, is designed to facilitate the integration and application of theory within the context of a Child & Youth Care Counselling practice setting. Professional practice, communication, self, theoretical knowledge, and assessment and intervention will be examined. Additional Requirement: Prior to starting practicum students must receive certification in Applied Suicide Intervention Skills Training (ASIST). This course has an off-site retreat and the fee will be noted in the course outline.

Hours: 238 hrs (2-15P)
Credits: 6

CYCC 232 • Mental Health and Substance Abuse Issues
Prerequisite: A minimum of a C grade in CYCC 111
Introduction to a variety of childhood and adolescent mental health topics that contextualizes social, emotional and behavioral disorders in relation to the context or culture in which it is observed. Focus on the role of trauma, attachment, and resilience as a means for understanding behavior will be examined. Various drugs and substances seen in youth culture, alongside the comorbid existence of mental health disorders and drug abuse will be examined. Child & Youth Care Counsellor interventions that consider the transtheoretical model of change, harm reduction approaches, and looking beyond the symptoms to the strengths of the child, will also be explored.

Hours: 42 hrs (3-0)
Credits: 3

CYCC 233 • Legal and Cultural Issues Regarding Children and Youth
Prerequisite: A minimum of a C grade in CYCC 111
Various laws that affect children, youth and families in Alberta and Canada will be examined. These include the Youth Criminal Justice Act, The Child, Youth & Family Enhancement Act, Alberta School Act and Family Law Act. The context of these laws as they apply to the legal accountability and liabilities of the Child and Youth Care Counsellor in the human service field will be explored. Issues of socialization, conflict with the law, and advocacy for vulnerable children, youth and families are addressed within the various legal documents. Historical, ecological and environmental factors are also considered.

Hours: 42 hrs (3-0)
Credits: 3

CYCC 235 • Group Facilitation
Prerequisite: A minimum of a C grade in CYCC 125.
Planned interventions involving activity programing within a contextual framework will be explored. Emphasis will be placed on designing, facilitating, and processing experiential learning opportunities that are sensitive to cultural and human diversity. To enhance effective activity programming, and address group dynamics, an eclectic approach to counselling theory will also be discussed and implemented.

Hours: 42 hrs (3-0)
Credits: 3

CYCC 237 • Youth Care Practice with Families
Prerequisite: A minimum of a C grade in CYCC 111
Introduction to family support that integrates cultural and human diversity understandings and sensitivities. Focus is on systems theory as a framework for understanding diverse family types, and the multifaceted issues facing families. An ecological perspective for assessing family need, dynamics, and patterns of interacting will also be emphasized. Child & Youth Care Counsellor strength based interventions for engaging families that nourishes family growth and resiliency will also be explored.

Hours: 42 hrs (3-0)
Credits: 3

CYCC 240 • Practicum III
Prerequisite: A minimum of a C grade in CYCC 230
Student placement with community partners, in conjunction with a weekly seminar, is designed to deepen student integration and theory application within the context of a Child & Youth Care Counselling practice setting. Professional practice, communication, self, theoretical knowledge, and assessment and intervention, will be examined in theory and application. Throughout the term, student progression of theory, application, and practice will be supported. An emphasis on practice will occur, in preparation of the transition from student to practitioner.

Hours: 238 hrs (0-2-15P)
Credits: 6

CYCC 245 • Assessment and Intervention
Prerequisite: A minimum of a C grade in CYCC 235
Assessment skills necessary to working professionally with children, youth and families are emphasized, including: asset based assessments; ecological perspective mapping; genogram development; developmental theory assessments; needs and risk assessments; intervention planning and implementation; case management and reporting. Integration of theory to practice, including applying change theory to an approved case occurs. Professional documentation, consistent with working effectively and respectively with a diverse population, will be developed.

Hours: 42 hrs (3-0)
Credits: 3

DANC (Dance)

DANC 255 • Social Dance
Introduction to basic steps in the following ballroom dances: waltz, fox trot, cha cha, tango, rumba, jive, etc. NOTE: This is a Physical Education Activity (PEAC) Option.

Hours: 42 hrs (0-3A)
Credits: 1.5

DBSS (Deaf and Blind Support Services)

DBSS 160 • Introduction to American Sign Language
Introduction to American Sign Language (ASL), which is the official language of the Deaf community in Canada and United States. ASL has its own unique grammar and sentence structure. This course teaches you about Deaf culture and history while you develop basic vocabulary, fingerspelling, facial expressions, receptive and expressive skills to communicate with persons whom are Deaf. Even if you are outside the program, you are invited to take the course, subject to approval by the instructor.

Hours: 70 hrs (0-7) 10 wks
Credits: 4

Available through Distributed Learning
DBSS 161 • American Sign Language I  
Prerequisite: DBSS 160  
Course builds on DBSS 160, by developing broader vocabulary and conversational skills. You continue with ASL sentence types, time, numbers, pronominalization, classifiers, pluralization, and temporal aspects. Even if you are outside the program, you are invited to take the course, subject to approval by the instructor.  
**Hours:** 90 hrs (0-9) 10 wks  
**Credits:** 4  
Available through Distributed Learning

DBSS 260 • American Sign Language II  
Prerequisite: DBSS 161  
A continuation of the DBSS 161 ASL course and builds upon previously learned ASL grammar and sentence structure, vocabulary, and Deaf culture. Even if you are outside the program, you are invited to take the course, subject to approval by the instructor.  
**Hours:** 110 hrs (0-7.8)  
**Credits:** 4  
Available through Distributed Learning

DCED (Dance Education)  
DCED 243 • Introduction to Dance in Culture and Education  
An overview of the nature and role of dance and dance forms in culture and education is the focus of this course.  
**Hours:** 56 hrs (2-2)  
**Credits:** 3

DEVS (Developmental Studies)  
DEVS 001 • Developmental Studies  
This is an introductory level course which supports students enrolled in College Preparation courses who may be under-prepared or at risk. This course is offered through the Open Learning Centre (OLC) ensuring maximum flexibility in scheduling and availability. Students are supported by access to both tutors and instructors. This course is focused on developing the abilities of the students to become self-directed, independent learners. Students will be encouraged to use learning strategies appropriate to their learning styles and subject demands.  
**Hours:** 40 hrs  
**Credits:** 3

DEVS 002 • Developmental Studies  
This is an introductory level course which supports students enrolled in College Preparation courses who may be under-prepared or at risk. This course is offered through the Open Learning Centre ensuring maximum flexibility in scheduling and availability. Students are supported by access to both tutors and instructors. This course is focused on developing the abilities of the students to become self-directed, independent learners. Students will be encouraged to use learning strategies appropriate to their learning styles and subject demands.  
**Hours:** 90 hrs  
**Credits:** 4

DEVS 003 • Developmental Studies  
Continuation of the 002 level course at an advanced pace.  
**Hours:** 40 hrs  
**Credits:** 3

DEVS 004 • Developmental Studies  
Continuation of the 003 level course at an advanced pace.  
**Hours:** 90 hrs  
**Credits:** 4

DEVS 005 • Developmental Studies  
Continuation of the 004 level course at an advanced pace.  
**Hours:** 40 hrs  
**Credits:** 3

DEVS 006 • Developmental Studies  
Continuation of the 005 level course at an advanced pace.  
**Hours:** 90 hrs  
**Credits:** 4

DRAM (Drama)  
DRAM 200 • Introduction to Acting I  
You gain practical experience in acting through introductory work from texts, developing skills and personal acting creativity through improvisation and performance.  
**Hours:** 70 hrs (3-2)  
**Credits:** 4

DRAM 201 • Introduction to Acting II  
Prerequisite: DRAM 200 or permission of the Dean  
Continued study of acting techniques which promote: freedom of emotional expression, relaxation on stage, giving and accepting constructive criticism, increasing trust between performers, controlling energy, and refining your acting process. Performance in a departmental production may be required.  
**Hours:** 70 hrs (3-2)  
**Credits:** 4

DRAM 222 • Fundamentals of Stage Production I  
Technical and organizational aspects of stage production; creative approaches to design for the theatre leading to and including projects in design and construction; practical production assignments coordinated with community and college theatre productions, as applicable, are all part of what this course has to offer.  
**Hours:** 56 hrs (2-2)  
**Credits:** 3

DRAM 223 • Fundamentals of Stage Production II  
Prerequisite: DRAM 222 or permission of the Dean  
You increase the scope of study to include technical areas of theatre production and apply the principles learned in DRAM 222 toward practical assignments connected to the department’s productions.  
**Hours:** 56 hrs (2-2)  
**Credits:** 3

DRAM 240 • Introduction to Drama I  
Course in the interpretation and study of dramatic genres; and an introduction to play analysis.  
**Hours:** 56 hrs (3-1)  
**Credits:** 3
DRAM 241 • Introduction to Drama II
Prerequisite: DRAM 240 or ENGL 237 or permission of the Dean
Continued work in the interpretation and study of dramatic genres and play analysis.
Hours: 56 hrs (3-1)
Credits: 3

DRAM 300 • Advanced Acting I
Prerequisite: DRAM 201 or permission of the Dean
Continued examination and further refining of the actor’s emotional process. If this course is not offered in classroom format, it may be available as a directed study.
Hours: 70 hrs (3-2)
Credits: 4

DRAM 301 • Advanced Acting II
Prerequisite: DRAM 300 or permission of the Dean
Advanced work in text preparation, vocal and physical performance skills. Participation in the department’s season of plays may be required.
Hours: 70 hrs (3-2)
Credits: 4

DRAM 321 • Stage Management
Prerequisite: DRAM 223
You learn the principles of stage management, as well as the roles and duties of a stage manager in all levels of production from amateur to professional. Projects are related to a production of the department. If this course is not offered in classroom format, it may be available as a directed study.
Hours: 56 hrs (2-2)
Credits: 3

DRAM 323 • Introduction to Stage Design
Prerequisite: DRAM 223 or permission of the Dean
An extension of the principles learned in DRAM 223, this course focuses on practical approaches to translating ideas to the stage. Mediums of communication between the designer and director are explored. You assist a faculty director in projects related to a college production. If this course is not offered in classroom format, it may be available as a directed study.
Hours: 56 hrs (2-2)
Credits: 3

DRAM 339 • Seminar in Drama I
Prerequisite: DRAM 241
This course is a critical examination of plays, including at least one staged by The University of Calgary Drama Department, centered upon their genres and historical settings. Other works by the same authors and their contemporaries may also be studied. This course also focuses on staging requirements for contemporary productions.
Hours: 56 hrs (4-0)
Credits: 3

DRAM 340 • Seminar in Drama II
Prerequisite: DRAM 339 or permission of the Dean
Continuation of DRAM 339.
Hours: 56 hrs (4-0)
Credits: 3

DRAM 360 • Developmental Drama I
An exploration in personal creativity; the study of the principles, theories, and application of developmental drama; as well as practical experience in creating drama. Registration priority is given to Education students.
Hours: 56 hrs (2-2)
Credits: 3

DRAM 361 • Developmental Drama II
Focus of this course is on studying and applying the collective creation technique to embrace drama as a means of interdisciplinary discourse. Registration priority is given to Education students.
Hours: 56 hrs (2-2)
Credits: 3

DRAM 390 • Performance Practicum I
Prerequisite: DRAM 201 & DRAM 223 or permission of the Dean
You gain practical knowledge of performance through preparation of a role for production. Open to students wishing to further experience in either performance or technical areas. If this course is not offered in classroom format, it may be available as a directed study.
Hours: 84 hrs (0-6P)
Credits: 3

DRAM 391 • Performance Practicum II
Prerequisite: DRAM 390 or permission of the Dean
Development, refining, and performance of a role in either the acting or technical areas of production under the supervision of a faculty member. If this course is not offered in classroom format, it may be available as a directed study.
Hours: 84 hrs (0-6P)
Credits: 3

DRAM 409 • Fundamentals of Directing I
Prerequisite: DRAM 201 & DRAM 223 or permission of the Dean
You learn the theories and practical techniques of directing plays in consultation with a faculty member. You may be required to observe or assist faculty directors. Studies will be coordinated with productions of the department. If this course is not offered in classroom format, it may be available as a directed study.
Hours: 56 hrs (2-2)
Credits: 3

DRAM 410 • Fundamentals of Directing II
Prerequisite: DRAM 409 or permission of the Dean
Coursework focuses on the application of directing technique to rehearsal with actors. If this course is not offered in classroom format, it may be available as a directed study.
Hours: 56 hrs (2-2)
Credits: 3
EAPI (English for Academic Purposes)

EAPI 079 • Intermediate
Prerequisite: IELTS 4.0, TOEFL 31, TOEFL PBT 400, TOEIC 470 or equivalent as determined by the EAP Coordinator
This course is designed for students who have had some exposure to English and have a solid working knowledge of the language. The course will work towards an academic understanding and application of English.
Hours: 312 hours (24-0) 13 wks
Credits: 15

EAPI 089 • Low Advanced
Prerequisite: B+ in EAPI 079 or equivalent as determined by the EAP Program Coordinator
This course is designed for students that still need some support in English language development. Students are expected to have good English comprehension, but still need to further develop their academic skills in areas such as writing and critical analysis of English readings.
Hours: 312 hours (24-0) 13 wks
Credits: 15

EAPI 099 • Advanced
Prerequisite: B+ in EAPI 089 or equivalent as determined by the EAP Coordinator
This course is designed for students with a strong grasp of the English language who need to further develop their academic English skills. The course will focus on the student’s ability to write academic essays including research papers, analyze English readings, not only for comprehension but also application. Students will further develop their listening and oral skills using current media and presentations. NOTE: you cannot have credit for both EAPI 099 and EAPI 199.
Hours: 312 hours (24-0) 13 wks
Credits: 15

EAPI 199 • Bridging
Prerequisite: B+ in EAPI 089 or equivalent as determined by the EAP Coordinator
Corequisite: 1, 3 credit program class
This course is designed for students with a strong grasp of the English language who need to further develop their academic English skills. The course will focus on the student’s ability to write academic essays including research papers, analyze English readings, not only for comprehension but also application. In place of communicative courses found in EAPI 099, students in this class will be required to take 1 program based career class. This course must be taken in conjunction with 1 or 2 career based courses. NOTE: you cannot have credit for both EAPI 099 and EAPI 199.
Hours: 208 hours (15-0) 13 wks
Credits: 9

ECON (Economics)

ECON 201 • Principles of Microeconomics
Principles of consumption, production, exchange, market and firm equilibrium under different competitive conditions are introduced. These principles are applied to various contemporary problems and issues in the economy, such as property rights, foreign ownership and control, pollution, and poverty.
Hours: 56 hrs (4-0)
Credits: 3

ECON 203 • Principles of Macroeconomics
This course features an introduction to national income determination, monetary and banking, and elementary fiscal and monetary policies. Contemporary problems of unemployment, inflation, economic growth, business cycles and the international economy are examined.
Hours: 56 hrs (4-0)
Credits: 3

EDAS (Education Assistant)

EDAS 101 • The Education Assistant in the Classroom
Course focuses on the duties and responsibilities of the Education Assistant within the school setting. Training is provided enabling you to offer meaningful assistance and educational help to teachers. Emphasis is placed on developing an understanding of the role of the Education Assistant, which includes: Developing a personal philosophy of education; learning to create a positive and stimulating learning environment; learning to implement
EDAS 101  •  Children with Hearing Impairments
Course provides an overview of the types of visual impairments and of hearing impairments. The impacts of these impairments on learning and development, and the role of the Education Assistant in using technology and instruction strategies to assist the child are discussed.
Hours: 30 hrs (3-0) 10 wks
Credits: 1.5
Available in a Distributed Learning Format

EDAS 102  •  Children with Social and Emotional Difficulties
Course considers the various contexts of behavioral challenges, particularly as they occur within a developmental context. Specific conditions, such as attention deficit disorder, pervasive developmental disorders, autism, fetal alcohol effects (syndrome), and fragile X syndrome, are studied. Implications for the child\’s development and learning are studied, as the role of the Education Assistant in working with children who are experiencing these difficulties.
Hours: 40 hrs (4-0) 10 wks
Credits: 3
Available in a Distributed Learning Format

EDAS 103  •  Children with Specific Learning Disabilities
Course focuses on assisting children with specific learning difficulties. Children with learning disabilities typically have a disorder in basic information processing essential in understanding or using language, spoken or written, which manifests itself in the child\’s difficulty or inability to listen, think, speak, write, spell, or to do mathematical calculations. Terms used to describe the causes of these conditions include: Perceptual handicaps, brain injury, minimal brain dysfunction, dyslexia, and expressive aphasis. Children who have learning difficulties as a result of visual, hearing or physical disabilities, or who are delayed in development in other ways, are not included in this group. This course looks at the characteristics of children with specific learning disabilities, and provides opportunities for you to understand and develop strategies to assist these children in their learning and development.
Hours: 40 hrs (4-0) 10 wks
Credits: 3
Available in a Distributed Learning Format

EDAS 104  •  Children with Physical Impairments
Course provides you with an opportunity to consider the varieties of physical and orthopedic impairments, including cerebral palsy, muscular dystrophy, spina bifida, and head and spinal cord injuries. The implications of these impairments on the child\’s learning and development are reviewed. The roles of the Education Assistant in working with children with these impairments are a primary focus of the course.
Hours: 30 hrs (3-0) 10 wks
Credits: 1.5
Available in a Distributed Learning Format

EDAS 105  •  Children with Sensory Impairments
The two areas of sensory impairment focused on in this course are vision and hearing. Children with visual impairments include those with problems that cannot be corrected, those who are reluctant or who refuse to wear corrective lenses or eye patches, and those whose visual impairments have not yet been detected. Children with hearing impairments, whether the loss is mild or severe, will be affected in areas of language and communication. This course provides an overview of the types of visual impairments and of hearing impairments. The impacts of these impairments on learning and development, and the role of the Education Assistant in using technology and instruction strategies to assist the child are discussed.
Hours: 30 hr (3-0) 10 wks
Credits: 1.5
Available in a Distributed Learning Format
EDTS (Education Teaching Studies)

EDTS 232 • Professional Dimensions of Teaching I
This introductory course offers the opportunity to explore what is involved in being a teacher within the context of a classroom and a school. Through an examination of the teaching-learning process with reference to psycho-social, philosophical, and political influences in contemporary society, you will explore the concept of personal worldview, its impact on teaching and learning and begin to construct an understanding of your own professional identity. You will participate in relevant field experiences within local schools.

In order to ensure the safety of children in classrooms, local school jurisdictions require that student teachers submit a current Police Information Check with Vulnerable Sector Search as well as an Alberta Children’s Services Intervention Record Check. It is recommended that you possess a current Emergency or Standard First Aid Certificate and that Health Immunizations are up to date.
Hours: 84 hrs (3-1T-2P)
Credits: 4
Available in a Distributed Learning Format

EDTS 233 • Introduction to Teaching
This introductory course offers you opportunity to explore what is involved in being a teacher. Through a focus on the purpose and nature of pedagogy, you begin to understand the life of teaching—the rewards and responsibilities, difficulties and joys of spending one’s life with children and young adults. The 60 hour practicum with a mentor teacher in a local classroom provides valuable experience in a school setting.

In order to ensure the safety of children in classrooms, local school jurisdictions require that student teachers submit a current Police Information Check with Vulnerable Sector Search as well as an Alberta Children’s Services Intervention Record Check. It is recommended that you possess a current Emergency or Standard First Aid Certificate and that Health Immunizations are up to date.
Hours: 116 hrs (3-1T-4.3P)
Credits: 4.5

EDTS 234 • Professional Dimensions of Teaching II
Prerequisite: EDTS 232
This course investigates the evolution of schooling through historical and personal perspectives as well as possible future development and their impact on education. You will explore philosophical orientations to teaching, the structure of classrooms and schools, the purpose and function of curriculum, the role of the teacher in this context and begin the process of constructing your own philosophical statement of belief about learning and teaching.

A key outcome of this course is the development of a professional teaching portfolio. Field experiences involving diverse school environments are a required component of this course.
In order to ensure the safety of children in classrooms, local school jurisdictions require that student teachers submit a current Police Information Check with Vulnerable Sector Search as well as an Alberta Children’s Services Intervention Record Check. It is recommended that you possess a current Emergency or Standard First Aid Certificate and that Health Immunizations are up to date.
Hours: 46 hrs (1-1T-1.3P)
Credits: 3

EDTS 321 • Education Psychology for Teaching
Corequisites: EDTS 232 or EDTS 234
This course focuses on the psychological, social, and educational determinants of child development. It includes theory, research, and illustrations all dealing with the classroom application of psychological principles and will involve you in interpersonal experiences with children. Topics typically covered relate to physical, cognitive, and socio-emotional development of children, student learning and instruction, individual and group differences in student abilities, and student motivation. NOTE: Registration priority given to first year Education students.
Hours: 42 hrs (3-0)
Credits: 3

EDTS 325 • Tools for Teaching and Learning in the Digital Classroom
Prerequisite: EDTS 233 or (EDTS 232 & EDTS 234)
This course provides you with strategies and skills for the effective use of digital technologies within the classroom learning environment. You will develop educational resources for integrating technology into current curriculum and become familiar with emerging trends for learning and teaching in today’s digital classroom. NOTE: Registration priority given to second year Education students.
Hours: 70 hrs (2-3)
Credits: 4

EDTS 341 • Interpersonal Communication in the School
Prerequisite: EDTS 233 or (EDTS 232 & EDTS 234)
This course is designed to develop effective interpersonal communication skills that will assist pre-service teachers as they interact with students in classroom settings and with colleagues in professional environments. The topics, readings, assignments and field experience have been constructed to develop the skills of self analysis, introduce techniques to improve communication with children, and explore ways in which adults can work more effectively in collaborative environments with colleagues and parents. This course includes weekly lectures and tutorials as well as an eighteen (18) hour field experience in a local elementary school classroom.
In order to ensure the safety of children in classrooms, local school jurisdictions may require that student teachers submit a current Police Information Check with Vulnerable Sector Search as well as an Alberta Children’s Services Intervention Record Check. It is recommended that student teachers possess a current Emergency or Standard First Aid Certificate and that Health Immunizations are up to date.
Hours: 46 hrs (1-1T-1.3P)
Credits: 3
EDTS 371 • Language Development and Literacy in Schools
Prerequisite: EDTS 233 or (EDTS 232 & EDTS 234)
This course focuses on the development of language and the importance of literacy for individuals as well as within the classroom setting. Specific topics for discussion include culture and language, the relationship of language to thought, memory, learning, teaching methods, and intervention strategies designed to assist children. Students will also examine learning principles in order to gain a better understanding of how language development occurs as well as to determine best practice in teaching language and literacy in elementary school classrooms. This course requires all students to participate in 20 hours of relevant field experiences within a school setting.
In order to ensure the safety of children in classrooms, local school jurisdictions may require that student teachers submit a current Police Information Check with Vulnerable Sector Search and an Alberta Children’s Services Intervention Record Check. It is also recommended that student teachers possess a current Emergency or Standard First Aid Certificate and that Health Immunization Records are up to date. NOTE: Registration priority is given to second year Education students who are planning the Mount Royal University Bachelor of Education partnership program.
Hours: 62 hrs (3-1.4P)
Credits: 4

EDUC (Education)

EDUC 2375 • Effective Assessment - Measurement and Evaluation
Prerequisites: EDTS 321 & EDTS 325 & EDTS 371
This course is designed to assist students in developing an understanding of concepts and issues related to the differentiated assessment of learning. Participants will be required to develop competence in the construction of various instruments and processes used to measure and evaluate individual learner performance. Third and Fourth years of the B.Ed. Program are Mt. Royal University courses. The numbering system is based upon their guidelines. Students register through Medicine Hat College.
Hours: 42 hrs (3-0)
Credits: 3

EDUC 3010 • Practicum I
Prerequisites: EDTS 321 & EDTS 325 & EDTS 371
This practicum focuses on inquiry, reflective planning and teaching and assessment practices. Students will be directly involved in all aspects of teaching for 50% of the required time during their last three weeks of the practicum. Third and Fourth years of the B.Ed. Program are Mt. Royal University courses. The numbering system is based upon their guidelines. Students register through Medicine Hat College.
Hours: 175 hrs (0-35) 5 wks
Credits: 3

EDUC 3101 • Program of Studies and Curriculum Instruction in Teaching Art
Prerequisites: EDUC 3010
This course examines the fundamental knowledge, understanding, values, attitudes, skills, and processes required to implement an effective program of studies for teaching elementary Art in elementary schools. The course will address relevant instructional methodologies, unit planning, curriculum integration, and resource development. Students will investigate a range of assessment strategies including test design and construction and the reporting of evaluation results. Third and Fourth years of the B.Ed. Program are Mt. Royal University courses. The numbering system is based upon their guidelines. Students register through Medicine Hat College.
Hours: 42 hrs (3-0)
Credits: 3

EDUC 3102 • Program of Studies and Curriculum Instruction in Teaching Drama
Prerequisites: EDTS 234 & EDTS 321 & EDTS 325 & EDTS 371
This course examines the fundamental knowledge, understanding, values, attitudes, skills, and processes required to implement an effective program of studies for teaching elementary Drama. The course will address a range of approaches to develop instruction, plan units of study, integrate curriculum, develop resources and assessment strategies to meet students’ needs, including test design and construction and the reporting of evaluation results. Third and Fourth years of the B.Ed. Program are Mt. Royal University courses. The numbering system is based upon their guidelines. Students register through Medicine Hat College.
Hours: 42 hrs (3-0)
Credits: 3

EDUC 3103 • Program of Studies and Curriculum Instruction in Teaching English Language Arts
Prerequisites: EDTS 234 & EDTS 321 & EDTS 325 & EDTS 371
This course explores the knowledge and skills required to implement programs of studies in teaching English Language Arts in elementary schools. The course will address relevant instructional methodologies, unit planning, curriculum integration and resource development. Students will investigate a range of assessment strategies. Third and Fourth years of the B.Ed. Program are Mt. Royal University courses. The numbering system is based upon their guidelines. Students register through Medicine Hat College.
Hours: 42 hrs (3-0)
Credits: 3

EDUC 3105 • Program of Studies and Curriculum Instruction in Teaching Physical Education
Prerequisites: EDUC 3010
This course examines the fundamental knowledge, understanding, values, attitudes, skills, and processes required to implement an effective program of studies for teaching Physical Education in elementary schools. The course will address relevant instructional methodologies, unit planning, curriculum integration, and resource development. Students will investigate a range of assessment strategies including test design and construction and the
reporting of evaluation results. Third and Fourth years of the B.Ed. Program are Mt. Royal University courses. The numbering system is based upon their guidelines. Students register through Medicine Hat College.

Hours: 42 hrs (3-0)
Credits: 3

EDUC 3106 • Program of Studies and Curriculum Instruction in Teaching Science
Prerequisites: EDTS 234 & EDTS 321 & EDTS 325 & EDTS 371
This course provides an introduction to the teaching and learning of Science in elementary schools. The course will focus on instruction, planning and facilitating learning experiences, integrating curriculum, creating and utilizing resources and developing assessment strategies to meet students’ needs. Third and Fourth years of the B.Ed. Program are Mt. Royal University courses. The numbering system is based upon their guidelines. Students register through Medicine Hat College.
Hours: 42 hrs (3-0)
Credits: 3

EDUC 3108 • Program of Studies and Curriculum Instruction in Teaching Mathematics
Prerequisites: EDTS 234 & EDTS 321 & EDTS 325 & EDTS 371
This course explores knowledge and skills required to implement programs of studies in teaching Mathematics in Elementary schools. The course will address a range of approaches to develop instruction, plan units of study, integrate curriculum, develop resources and assessment strategies to meet students’ needs. Third and Fourth years of the B.Ed. Program are Mt. Royal University courses. The numbering system is based upon their guidelines. Students register through Medicine Hat College.
Hours: 42 hrs (3-0)
Credits: 3

EDUC 4030 • Practicum II
Prerequisites: EDUC 3010
Corequisites: EDUC 4201 and EDUC 4104
This practicum focuses on professional responsibilities, planning for learning, facilitating learning, assessment, and the classroom environment. Students are expected to be directly involved in all aspects of teaching progressing from 50% and achieving 100% for at least three weeks of the practicum. Third and Fourth years of the B.Ed. Program are Mt. Royal University courses. The numbering system is based upon their guidelines. Students register through Medicine Hat College.
Hours: 420 hrs (0-35) 12 wks
Credits: 9

EDUC 4104 • Program of Studies and Curriculum Instruction in Teaching Music
Prerequisites: EDUC 3010
This course is designed to provide musical experiences which will help the student gain skills to appropriately enhance the musical growth of children in K – 6 classrooms. The course participant’s personal skill and understanding of musical concepts will be developed; musical needs and capabilities of young children will be investigated; methods of teaching music to young children will be presented through observation and application. Third and Fourth years of the B.Ed. Program are Mt. Royal University courses. The numbering system is based upon their guidelines. Students register through Medicine Hat College.
Hours: 42 hrs (3-0)
Credits: 3

EDUC 4107 • Program of Studies and CurriculumInstruction in Teaching Social Studies
Prerequisites: EDUC 3010
This course explores the knowledge and skills required to implement programs of studies in teaching Social Studies in Elementary (1-6) Education. The course will address a range of approaches to develop instruction, plan units of study, integrate curriculum, develop resources and assessment strategies to meet students’ needs. Third and Fourth years of the B.Ed. Program are Mt. Royal University courses. The numbering system is based upon their guidelines. Students register through Medicine Hat College.
Hours: 42 hrs (3-0)
Credits: 3

EDUC 4201 • Integrating Ideas, Values and Praxis
Prerequisites: EDUC 3010
This required capstone course is only open to pre-professional teachers in their final practicum term of the Bachelor of Education program. Participants will critically reflect upon significant issues and experiences gleaned from their Education, general Education, schooling and elective courses, field experiences and practica. The development of a Professional Teaching E-portfolio and Applied Curriculum Project will be the major focus. Third and Fourth years of the B.Ed. Program are Mt. Royal University courses. The numbering system is based upon their guidelines. Students register through Medicine Hat College.
Hours: 42 hrs (3-0)
Credits: 3

EDUC 4325 • The Impact of Social Issues in Education and Schooling
Prerequisites: EDTS 232 & EDTS 234
This course examines factors such as the economy, the state, social class, gender, ethnicity, sub-cultural membership, ideology, religion, and the home environment, and their relationship to and impact on learning in general and schooling in particular. Third and Fourth years of the B.Ed. Program are Mt. Royal University courses. The numbering system is based upon their guidelines. Students register through Medicine Hat College.
Hours: 42 hrs (3-0)
Credits: 3

EDUC 4351 • Indigenous Perspectives in Education
Prerequisites: EDTS 234 & EDTS 321 & EDTS 325 & EDTS 371
This course is designed to prepare and sensitize prospective teachers to aboriginal perspectives, values, and methods as they relate to the learning context. The course will include an in-depth examination of traditional aboriginal education and associated values. Third and Fourth years of the B.Ed. Program are Mt. Royal University courses. The numbering system is based upon their guidelines. Students register through Medicine Hat College.
Hours: 42 hrs (3-0)
Credits: 3
EDUC 4361 • Exceptional Students, Special Needs, and Inclusive Schooling

Prerequisites: EDUC 3010
This course examines characteristics of students exhibiting a range of mild, moderate, and severe disabilities and students exhibiting exceptional gifts and talents. Diverse educational, cultural, and linguistic backgrounds will be discussed. The course also examines methods that can be used in adapting classroom instruction and management of the diverse needs. Third and Fourth years of the B.Ed. Program at Mt. Royal University courses. The numbering system is based upon their guidelines. Students register through Medicine Hat College.

Hours: 42 hrs (3-0)
Credits: 3

ELCC (Early Learning and Child Care)

ELCC 101 • Introduction to Early Learning and Child Care
Course focuses on developing understanding of the goals and philosophies for play-oriented, child-centered early childhood care, and education for children up to age eight. Roles of the early childhood professional are studied with particular emphasis on the experience of caring for other people's children.

Hours: 30 hrs (3-0) 10 wks
Credits: 1.5
Available On-Site and in a Distributed Learning Format

ELCC 102 • Development through Play I
You will explore the nature and development of play in the lives of young children, and learn to prepare and provide meaningful play experiences for children to enhance their growth and development. The course incorporates considerations of the space, time, materials, and involvement of the adult and their impact on the play of young children.

Hours: 40 hrs (4-0) 10 wks
Credits: 3

ELCC 105 • Practicum I
Corequisite: CHPC 120 & CHPC 122 & CHPC 123 & ELCC 102 & ENGL 123
You will be placed in an early learning and child care setting for observation and for practical application of ideas and theories learned in theory classes. The primary emphasis of this practicum is on: 1) positive interactions with children, their parents, and other early childhood professionals; and 2) providing and extending play opportunities for children to enhance their growth and development.

Hours: 150 hrs (2-28P) 5 wks
Credits: 4

ELCC 112 • Development through Play II
Prerequisite: ELCC 102
This course is an extension of ELCC 102. You have the opportunity to further your understanding of children's play, increase your sensitivity to the learning and development that occurs through this medium, and increase your skills as a provider of play experiences and as a participant with children in their play.

Hours: 40 hrs (4-0) 10 wks
Credits: 3

ELCC 113 • Music and Movement
This course introduces you to the importance of music for young children. It includes learning songs and rhymes and making simple instruments for use with children.

Hours: 40 hrs (4-0) 10 wks
Credits: 3

ELCC 115 • Practicum II
Corequisite: CHPC 121 & CHPC 124 & ELCC 101 & ELCC 112 & ELCC 113
This practicum is divided into two distinct experiences. The first requires you to spend 30 hours working in volunteer capacities in the community in settings other than child care or early learning and child care education settings, in which young children and families are involved. These settings may include recreation facilities, children’s libraries, Cubs, Scouts, Brownies, and so on. The intent of this experience is to broaden your awareness of the community services available to young children and families. The second aspect of this practicum continues on from ELCC 105. You are placed in preschool care and education settings and are provided with opportunities to integrate class knowledge in a practical application with young children.

Hours: 200 hrs (0-2P) 14 wks; (2-32.4P) 5 wks
Credits: 5.5

ELCC 201 • Fine Arts
Prerequisite: ELCC 105 & ELCC 115
This course provides opportunities for you to increase your ability to provide developmentally appropriate experiences for children in the arts. Theoretical and practical applications in the areas of visual expressive arts, music and drama will be presented.

Hours: 40 hrs (4-0) 10 wks
Credits: 3

ELCC 202 • Math and Science
Prerequisite: ELCC 105 & ELCC 115
Experiences in math and science occur naturally for young children. This course is experiential as you are helped to understand the development of science and math concepts in young children and to consider ways in which you may assist that development.

Hours: 40 hrs (4-0) 10 wks
Credits: 3

ELCC 203 • Interpersonal Relations II
Prerequisite: ELCC 105 & ELCC 115
This course is designed to help you develop skills in initiating, developing and maintaining effective and fulfilling interactions as professionals in the field of early childhood. Emphasis is placed on team skills and collaborative skills needed to work with parents and other professionals.

Hours: 40 hrs (4-0) 10 wks
Credits: 3

ELCC 204 • Ecology of the Family
Prerequisite: ELCC 105 & ELCC 115
This course is centered on the role of early childhood professional personnel in the lives of Canadian children and families. It includes an overview of the family in today’s society and of the many issues that affect the family. The course includes reference to poverty.
affluence, violence, the roles of men and women as parents and as members of the labour force, and the relationship of the family to their world of work.

**ELCC 205 • Practicum III**  
*Prerequisite: ELCC 105 & ELCC 115*  
The focus of this practicum is a continuation of the experiences necessary to take increasing responsibility for the care and education of young children. It includes understanding administrative responsibilities, community and parent involvement, and staff relations. The importance of emergent curriculum development is explored in detail.

**ELCC 214 • Children in Society**  
*Prerequisite: ELCC 105 & ELCC 115*  
Opportunities to study issues within the field of early childhood care and education through involvement in primary research studies. You read, prepare and plan research questions; develop research strategies; and implement experimental or naturalistic studies aimed to increase your knowledge and understanding. The research studies are written as final reports and presented orally in seminars. You work with your fellow students on a relevant community project and provide documentation throughout this process.

**ELCC 215 • Practicum IV**  
*Prerequisite: ELCC 105 & ELCC 115*  
This practicum is divided into two sections. Section One requires you to spend 30 hours working in a volunteer capacity in community settings with children and families other than early childhood care and education settings. Section Two requires you to work in community placements that serve children and families. You have the opportunity to integrate theory and practice in the development of your skills. The focus is on the full integration of play into children's programs, program preparation and implementation, and building relationships with families and with other professionals in the community.

**ENGG (Engineering)**

**ENGG 100 • Orientation to the Engineering Profession**  
This course provides an introduction to the engineering profession and disciplines; study skills; cooperative education; and work opportunities. It will also explore engineering and society through elements of ethics, equity, concepts of sustainable development and environmental stewardship, public and worker safety, and health considerations, including the context of the Alberta Occupational and Safety Act.

**ENGG 160 • Introduction to Engineering Design, Communication, and Profession**  
*Prerequisite: ENGG 100 or ENGL 199*  
This course surveys fundamental design process; communications; team work; and the engineering disciplines and career fields. It will also cover professional responsibilities of the engineer, including elements of ethics and equity, concepts of sustainable development and environmental stewardship, public and worker safety, and health considerations, particularly the context of the Alberta Occupational and Health and Safety Act.

**ENGG 205 • Engineering Mechanics I**  
This course mainly deals with engineering statics. It covers the following topics: force vectors; equilibrium of particles in two and three dimensions, force system resultants, equilibrium of a rigid body in two and three dimensions; trusses, frames, machines; internal forces in beams and friction.

**ENGG 233 • Computing for Engineers I**  
This is the first course in computer programming with the emphasis on engineering problem solving. It consists of programming in a high level language such as Matlab to solve engineering problems. The course focuses on the following topics: Scalar, Vector and array operations in Matlab; flow control; built in and user defined functions; file input/output; searching/sorting/plotting, and solving common engineering problems using numerical methods and built in functions.
ENGG 235 • Engineering Graphics
Course focuses on graphical communications for engineers; orthographic, isometric, and pictorial projections; working, detail and assembly drawings; dimensioning; an introduction to 3D drawing; selected topics in civil engineering; and a group design project. There is no prerequisite, but normally you would have previously taken ENGG 215.
Hours: 70 hrs (2-3)
Credits: 4

ENGG 349 • Engineering Mechanics II
Prerequisite: ENGG 205
Corequisite: AMAT 219
A review of Mechanics I fundamentals: Mass center; moments of inertia; composite bodies. Kinematics and kinetics of particles and rigid bodies; work and energy principles; conservative systems; and impulse and momentum are featured in this course.
Hours: 77 hrs (3-2.5)
Credits: 4

ENGL (English)

ENGL 007 • Developmental English Skills
Prerequisite: Placement in the appropriate level is based on an assessment evaluation. In order to register in the course, you must have the approval of the instructor.
This course focuses on developing basic skills in English usage, spelling, punctuation, grammar, and simple sentences. The reading component consists of improving vocabulary and increasing comprehension skills.
Hours: 84 hrs (6-0)
Credits: 4

ENGL 008 • Fundamental English Skills
Prerequisite: Placement in the appropriate level is based on an assessment evaluation. In order to register in the course, you must have the approval of the instructor.
This course focuses on improving English usage, grammar, and punctuation skills. Students are introduced to the paragraph outline form and begin writing paragraphs. The reading component further develops vocabulary and comprehension skills.
Hours: 84 hrs (6-0)
Credits: 4

ENGL 009 • Intermediate English Skills
Prerequisite: Placement in the appropriate level is based on an assessment evaluation. In order to register in the course, you must have the approval of the instructor.
This course is designed to expand key reading, writing, and grammar skills that students need for success in the English 010/013 courses. Students continue to refine their paragraph-writing skills. Students are introduced to the short story and novel.
Hours: 84 hrs (6-0)
Credits: 4

ENGL 010 • Introduction to Literature and Composition
Prerequisite: 1) a grade of A- or higher in ENGL 009 or equivalent; or 2) a grade of B or higher in ENGL 013, or 3) a placement based on the Medicine Hat College Academic Assessment
The purpose of this course is to help you acquire and improve your skills in all language areas of communication. Topics include a review of the language fundamentals of spelling, grammar, punctuation, sentence and paragraph writing; reading comprehension and analysis; and oral discussion. The literature covered includes short stories, poetry, essays, and the novel.
Hours: 84 hrs (6-0)
Credits: 4
Available On-Site and in a Distributed Learning Format

ENGL 013 • Fundamental English Skills I
Prerequisite: 1) Successful completion of ENGL 009 or equivalent; or 2) a placement based on the Medicine Hat College Academic Assessment
The purpose of this course is to help you acquire and improve your skills in all language areas of communication. Topics include a review of the language fundamentals of spelling, grammar, punctuation, sentence and paragraph writing; reading and comprehension and analysis; and oral discussion.
Hours: 84 hrs (6-0)
Credits: 4
Available On-Site and in a Distributed Learning Format

ENGL 020 • Literature and Composition Skills
Prerequisite: ENGL 010 or equivalent
This course continues with an introduction to literature and composition and helps you develop your ability to communicate ideas clearly and emphatically. The content includes writing paragraphs and essays and studying the short story, poetry, the novel, and drama.
Hours: 84 hrs (6-0)
Credits: 4
Available On-Site and in a Distributed Learning Format

ENGL 023 • Fundamental English Skills 2
Prerequisite: ENGL 013 or ENGL 010 or equivalent
This course furthers the development of the skills and abilities developed in ENGL 013. A substantial portion of the course involves developing writing abilities. A selection of literature is also included.
Hours: 84 hrs (6-0)
Credits: 4
Available On-Site and in a Distributed Learning Format

ENGL 030 • Matriculation English
Prerequisite: ENGL 020 or equivalent
This course is an advanced study of literature and composition. Selections in the essay, short story, poetry, the novel and drama are studied, and you will complete written assignments on these genres. You should have a command of essay writing before entering this level. Credit equivalent to ENGL 30-1.
Hours: 84 hrs (6-0)
Credits: 4
Available On-Site and in a Distributed Learning Format

ENGL 033 • Senior English
Prerequisite: ENGL 023 or ENGL 020 or equivalent
This course completes the College Preparation non-matriculation English sequence. Focusing on developing written communication skills, this course provides concentrated instruction in grammar and the rules of composition. A selection of literature is also included.
Hours: 84 hrs (6-0)
Credits: 4
Available On-Site and in a Distributed Learning Format
ENGL 123 • Fundamentals of Writing and Speech
Topics for this course include grammar and punctuation, informal reports, business writing formats, proposals, library skills, and oral presentations.
Hours: 42 hrs (3-0)
Credits: 3

ENGL 125 • Introductory Report Writing and Speech
Topics for this course include informal reports, formal technical reports, resumes and cover letters, and prepared speeches.
Hours: 42 hrs (3-0)
Credits: 3

ENGL 155 • Scientific and Technical Writing
In this course, students will develop research skills, and become familiar with scientific and technical journals, indexes, and technical reports, summaries, descriptive/informative abstracts, business letters, memos, and a mailable resume and cover letter. Students will also review the language fundamentals of grammar and punctuation.
Hours: 42 hrs (3-0)
Credits: 3

ENGL 199 • English for Engineering Students
This course aims to develop the student's ability to provide effective written and oral information. It will focus on instruction in fundamental writing skills, including building effective sentences and paragraphs, and on learning to communicate clearly across a range of genres and media used in academic and professional contexts, including correspondence and presentations. Students will be introduced to the principles of information gathering, analysis, and citation. (Restricted to Engineering Students)
Hours: 42 hrs (3-0)
Credits: 3

ENGL 202 • Reading and Writing about Literature I
This course focuses on reading and writing about literature written in English (poetry, drama, prose), with an emphasis on pre-20th-century writers. Instruction in critical writing is part of this course.
NOTE: Students cannot receive credit for both ENGL 202 and ENGL 1151.
Hours: 42 hrs (3-0)
Credits: 3

ENGL 203 • Reading and Writing about Literature II
This course focuses on reading and writing about literature written in English (poetry, drama, prose), with an emphasis on post-nineteenth-century writers. Instruction in critical writing is part of this course.
NOTE: Students cannot receive credit for both ENGL 203 and ENGL 1152.
Hours: 42 hrs (3-0)
Credits: 3

ENGL 231 • The Novel and the Short Story
This course provides an introduction to fiction in both the short story and novel forms. Instruction in critical writing is part of this course.
Hours: 42 hrs (3-0)
Credits: 3

ENGL 235 • Introduction to Poetry
This course studies selected poetry written in English. Instruction in critical writing is part of this course.
Hours: 42 hrs (3-0)
Credits: 3

ENGL 237 • Introduction to Dramatic Literature
This course examines the development of Western drama from various periods. Instruction in critical writing is part of this course.
Hours: 42 hrs (3-0)
Credits: 3

ENGL 252 • Introductory Composition
This course focuses on academic essay writing and critical thinking at the university level. ENGL 252 is not a remedial course; students should have at least a senior high school level of competency in both grammar and composition. NOTE: Students cannot receive credit for both ENGL 252 and GNED 1401.
Hours: 42 hrs (3-0)
Credits: 3

ENGL 300 • Survey of English Literature I
Prerequisite: Any one 200 level English course; strongly recommend a second 200 level English course
This course examines English literature from the Middle Ages, the sixteenth century, the early seventeenth century, the Restoration and the eighteenth century. The development and continuity of English literature in relation to historical and social contexts are also studied. NOTE: You cannot receive credit for both ENGL 200 and ENGL 300. Students cannot receive credit for both ENGL 300 and ENGL 2210.
Hours: 42 hrs (3-0)
Credits: 3

ENGL 301 • Survey of English Literature II
Prerequisite: Any one 200 level English course
This course examines English literature from the Romantic and Victorian periods, as well as from the twentieth century to the present. The development and continuity of English literature in relation to historical and social contexts are also studied. NOTE: You cannot receive credit for both ENGL 201 and ENGL 301. Students cannot receive credit for both ENGL 301 and ENGL 2211.
Hours: 42 hrs (3-0)
Credits: 3

ENGL 308 • The Novel from 1900 to Now
Prerequisite: Any 200 level English course or permission of the Dean
While we read works of literature as fiction, we also see it as mediating and reflecting certain truths about our lived experience. This course explores, through the lens of 20th century literary criticism and theory, the relationship between the novel and its borders, or texts and their contexts. Each novel will be considered in light of its mediation of socio-political and cultural concerns; this includes themes such as literature and philosophy, literature and science, and literature and identity. NOTE: Students cannot receive credit for both ENGL 308 and ENGL 3308.
Hours: 42 hrs (3-0)
Credits: 3
ENGL 309 • Theatre & Performance from 1900 to Now
Prerequisite: Any 200 level English course or permission of the Dean
This course examines the extent to which “all the world’s a stage.” Theatre and performance texts and theories will be used to illuminate key issues and ideas in contemporary culture, such as ritual, realism, the absurd, the society of spectacle, subjectivity, and identity. NOTE: Students cannot receive credit for both ENGL 309 and ENGL 3309.
Hours: 42 hrs (3-0)
Credits: 3

ENGL 311 • Modern & Postmodern Poetry and Poetics
Prerequisite: Any one 200 level English course; strongly recommended: a second 200 level English course
This course examines the diverse ways in which the English language has been used in twentieth and twenty-first century poetry. The course begins with the challenges to traditional poetry evident in the early 1900s, then highlights the effects of key literary theories on the poetry of the mid to late twentieth century, before turning to the multiple ways in which both spoken word and digital media have affected twenty-first century poetic practices. NOTE: Students cannot receive credit for both ENGL 311 and ENGL 3311.
Hours: 42 hrs (3-0)
Credits: 3

ENGL 312 • Shakespeare I
Prerequisite: Any two 200 level English course or permission of the Dean
This course examines a selection of Shakespeare’s works from the early years of his career, or the Elizabethan era. It surveys his comedies, tragedies, and histories.. Topics covered may include performance, adaptation, source material, publication, editing, cultural studies, and/or politics. NOTE: Students cannot receive credit for both ENGL 312 and ENGL 3312.
Hours: 42 hrs (3-0)
Credits: 3

ENGL 313 • Shakespeare II
Prerequisite: Any two 200 level English course or permission of the Dean
This course examines a selection of Shakespeare’s works from the final years of Elizabeth’s reign as well as from the Jacobean era. It surveys his comedies, tragedies, and problem plays. Topics covered may include performance, adaptation, source material, publication, editing, cultural studies, and/or politics. NOTE: Students cannot receive credit for both ENGL 313 and ENGL 3313.
Hours: 42 hrs (3-0)
Credits: 3

ENGL 317 • Women’s Literary Tradition
Prerequisite: Any two 200 level English course or permission of the Dean
This course surveys the tradition of women’s writing from its beginnings to the present. Relations between gender and genre and between sexuality and textuality, as well as configurations of race, form the core themes of the course.
Hours: 42 hrs (3-0)
Credits: 3

ENGL 320 • The History of English
Prerequisite: Any two 200 level English course or permission of the Dean
This course offers an introduction to important changes and states in the history of English.
Hours: 42 hrs (3-0)
Credits: 3

ENGL 340 • Romantic Literature I
Prerequisite: Any two 200 level English course or permission of the Dean
This course introduces the literature of the Romantic period through studying select works by major authors from the early Romantic period.
Hours: 42 hrs (3-0)
Credits: 3

ENGL 341 • Romantic Literature II
Prerequisite: Any two 200 level English course or permission of the Dean
This course explores the literature of the Romantic period through studying select works by major authors from the late Romantic period.
Hours: 42 hrs (3-0)
Credits: 3

ENGL 353 • North American Indigenous Literature
Prerequisite: Any 200 level English course or permission of the Dean
This course will critically engage the literary works of Indigenous peoples through various genres and will be framed by cultural, historical, social, theoretical, and political contexts. The focus will vary and may include: Indigenous knowledge, Nation/Identity formation, the numbered Treaties, the role of women, humour, orality and language, stereotyping and racism. NOTE: Students cannot receive credit for both ENGL 353 and ENGL 3353.
Hours: 42 hrs (3-0)
Credits: 3

ENGL 358 • British Fiction I
Prerequisite: Any two 200 level English course or permission of the Dean
This course examines the artistic techniques and historical development of British fiction from the eighteenth century to the late nineteenth century through studying a representative selection of major authors and texts.
Hours: 42 hrs (3-0)
Credits: 3

ENGL 359 • British Fiction II
Prerequisite: Any two 200 level English course or permission of the Dean
This course examines the artistic technique and historical development of British fiction from the late nineteenth century to the present, through studying a representative selection of major authors and texts including those of contemporary writers.
Hours: 42 hrs (3-0)
Credits: 3
ENGL 360 • American Literature I
Prerequisite: Any two 200 level English course or permission of the Dean
This course analyzes American literature from its beginnings to 1890. A key focus is on the development and continuity of early American literature in relation to historical and social contexts.
Hours: 42 hrs (3-0)
Credits: 3

ENGL 361 • American Literature II
Prerequisite: Any two 200 level English course or permission of the Dean
This course studies American literature from 1890 to the present. A key focus is on the development and continuity of twentieth and twenty-first century American literature in relation to historical and social contexts.
Hours: 42 hrs (3-0)
Credits: 3

ENGL 370 • Survey of Canadian Literature I
Prerequisite: Any two 200 level English course or permission of the Dean
This course centres on Canadian literature from the late eighteenth century to the mid-twentieth century. Representative selections from Canadian poets and prose writers are studied.
Hours: 42 hrs (3-0)
Credits: 3

ENGL 371 • Survey of Canadian Literature II
Prerequisite: Any two 200 level English course or permission of the Dean
This course studies English Canadian literature from the mid-twentieth century to the present including analysis of the development of Modernism and Postmodernism.
Hours: 42 hrs (3-0)
Credits: 3

ENGL 382 • Textualities/Sexualities
Prerequisite: Any one 200 level English course; strongly recommended: a second 200 level English course
This course examines literary textuality as a sexually infused construct in both form and content. Gendered literary genres, archetypes and stereotypes, and theoretical approaches to the sexualized body (historical and contemporary) form the basis for the course. NOTE: Students cannot receive credit for both ENGL 382 and ENGL 3382.
Hours: 42 hrs (3-0)
Credits: 3

ENGL 394 • The Graphic Novel
Prerequisite: Any one 200 level English course or permission of the Dean
The graphic novel has recently emerged as a unique storytelling medium. This course focuses on both the theoretical bases of sequential art and the graphic novel's literary and aesthetic properties. Students will draw on a variety of modern and postmodern theories of texts to analyze specific graphic novels. NOTE: Students cannot receive credit for both ENGL 394 and ENGL 3394.
Hours: 42 hrs (3-0)
Credits: 3

ENGL 397 • Children’s Literature I
Prerequisite: Any two 200 level English courses or permission of the Dean
This course provides a historical and critical study of children's literature, focusing on the roots of children's literature in mythology, epic, romance, fairy tales, and allegory through an examination of representative works. NOTE: Students cannot receive credit for both ENGL 397 and ENGL 2298.
Hours: 42 hrs (3-0)
Credits: 3

ENGL 398 • Children’s Literature II
Prerequisite: Any two 200 level English courses or permission of the Dean
This course examines children's literature in relation to such topics as oral tradition and folk literature, mythology and allegory, realistic and historical fiction, and fantasy. NOTE: Students cannot receive credit for both ENGL 398 and ENGL 2299.
Hours: 42 hrs (3-0)
Credits: 3

ENGL 399 • Detective Fiction
Prerequisite: Any two 200 level English courses or permission of the Dean
This course studies the evolution of British, American and Canadian detective fiction. Theoretical approaches to understanding this genre of literature within the framework of popular culture are also included.
Hours: 42 hrs (3-0)
Credits: 3

ENGL 1151 • Introduction to Literature: Studies in Story
This course introduces the principles and practices of literary analysis by examining the narrative features of selected works of prose, poetry, or drama. Students will apply close reading techniques to a range of narratives in order to develop foundational skills in writing and thinking about literature critically. This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College. NOTE: Students cannot receive credit for both ENGL 1151 and ENGL 202.
Hours: 42 hrs (3-0)
Credits: 3

ENGL 1152 • Introduction to Literature: Studies in Identity
This course introduces the principles and practices of literary analysis by examining the narrative features of selected works of prose, poetry, or drama. Students will apply close reading techniques to a range of narratives in order to develop foundational skills in writing and thinking about literature critically. This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College. NOTE: Students cannot receive credit for both ENGL 1152 and ENGL 203.
Hours: 42 hrs (3-0)
Credits: 3
ENGL 2210 • English Literature to the Restoration
Prerequisite: One of ENGL 1000 level or ENGL 200 level or permission of the Dean
This course surveys English literature from earliest beginnings to the Restoration (1660), with an emphasis on major authors. Students will read a variety of genres closely and critically, and will examine how these texts relate to their socio-political, religious and cultural environments. Students will be introduced to literary research. This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College. NOTE: Students cannot receive credit for both ENGL 2210 and ENGL 300.
Hours: 42 hrs (3-0)
Credits: 3

ENGL 2211 • English Literature from the Restoration to the Present
Prerequisite: One of ENGL 1000 level or ENGL 200 level or permission of the Dean
This course surveys English literature from the Restoration (1660) to the present. Students will read a variety of texts closely and critically within various cultural contexts. Students will be introduced to literary research. This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College. NOTE: Students cannot receive credit for both ENGL 2211 and ENGL 301.
Hours: 42 hrs (3-0)
Credits: 3

ENGL 2298 • Children’s Literature to 1900
Prerequisite: One of ENGL 1000 level or ENGL 200 level or permission of the Dean
This course investigates the history and development of children’s fantasy from its origins in the oral tradition to its current achievements. Situating such work within its literary and cultural context, this course explores changing attitudes toward childhood and adolescence while also examining the debt that contemporary juvenile fantasy owes to classic folklore and fairy tales. This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College. NOTE: Students cannot receive credit for both ENGL 2298 and ENGL 397.
Hours: 42 hrs (3-0)
Credits: 3

ENGL 2299 • Children’s Literature: Imagining the Real
Prerequisite: One of ENGL 1000 level or ENGL 200 level or permission of the Dean
This course examines the relationship between the real and the imagined in works for children and adolescents. Focusing on classic and contemporary material that asks readers to think about who they are and what kind of world they inhabit, this course explores the literary, social, and educational values that inform the construction of juvenile realities. This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College. NOTE: Students cannot receive credit for both ENGL 2299 and ENGL 398.
Hours: 42 hrs (3-0)
Credits: 3

ENGL 3308 • The Novel from 1900 to Now
Prerequisite: One of ENGL 2000 level or ENGL 200 level or permission of the Dean
Using critical theory to interrogate contemporary practice, this course examines the development of prose fiction from the beginning of the twentieth century to the present day. In particular, it considers how the novel, as both a literary and cultural form, mediates the aesthetic, intellectual, social, and political concerns of the twentieth and twenty-first centuries. This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College. NOTE: Students cannot receive credit for both ENGL 3308 and ENGL 308.
Hours: 42 hrs (3-0)
Credits: 3

ENGL 3309 • Theatre and Performance from 1900 to Now
Prerequisite: One of ENGL 2000 level or ENGL 200 level or permission of the Dean
This course examines the extent to which “all the world’s a stage.” Theatre and performance texts and theories will be used to illuminate key issues and ideas in contemporary culture such as ritual, realism, the absurd, the society of spectacle, subjectivity, and identity. This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College. NOTE: Students cannot receive credit for both ENGL 3309 and ENGL 309.
Hours: 42 hrs (3-0)
Credits: 3

ENGL 3312 • Shakespeare I
Prerequisite: One of ENGL 2000 level or ENGL 200 level or permission of the Dean
This course examines a selection of Shakespeare’s works from the early years of his career, or the Elizabethan era. It surveys his comedies, tragedies, and histories. Topics covered may include performance, adaptation, source material, publication, editing, cultural studies, and/or politics. This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College. NOTE: Students cannot receive credit for both ENGL 3312 and ENGL 312.
Hours: 42 hrs (3-0)
Credits: 3

ENGL 3313 • Shakespeare II
Prerequisite: One of ENGL 2000 level or ENGL 200 level or permission of the Dean
This course examines a selection of Shakespeare’s works from the final years of Elizabeth’s reign as well as from the Jacobean era. It surveys his tragedies, romances, and problem plays. Topics covered may include performance, adaptation, source material, publication, editing, cultural studies, and/or politics. This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College. NOTE: Students cannot receive credit for both ENGL 3313 and ENGL 313.
Hours: 42 hrs (3-0)
Credits: 3
ENGL - EREC

ENGL 3353 • North American Indigenous Literatures
Prerequisite: One of ENGL 2000 level or ENGL 200 level or permission of the Dean
This course will critically engage the literary works of Indigenous peoples through various genres and will be framed by cultural, historical, social, theoretical, and political contexts. The focus will vary and may include: Indigenous knowledge, Nation/Identity formation, the numbered Treaties, the role of women, humour, orality and language, stereotyping and racism. This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College. NOTE: Students cannot receive credit for both ENGL 3353 and ENGL 353.
Hours: 42 (3-0)
Credits: 3

ENGL 3382 • Textualities/Sexualities
Prerequisite: One of ENGL 2000 level or ENGL 200 level or permission of the Dean
This course examines both the body of the text and the text of the body. While reading the body as it is represented in writing, we will investigate such concepts as representation (including what has been erased or silenced), the gendered text, the imaginary and the limits of textualized sexualities. Students will be introduced to literary research. This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College. NOTE: Students cannot receive credit for both ENGL 3382 and ENGL 382.
Hours: 42 hrs (3-0)
Credits: 3

ENGL 3394 • The Graphic Novel
Prerequisite: One of ENGL 2000 level or ENGL 200 level or permission of the Dean
The graphic novel has recently emerged as a unique storytelling medium. This course focuses on both the theoretical bases of sequential art and the graphic novel’s literary and aesthetic properties. Students will draw on a variety of modern and postmodern theories of texts to analyze specific graphic novels. This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College. NOTE: Students cannot receive credit for both ENGL 3394 and ENGL 394.
Hours: 42 hrs (3-0)
Credits: 3

ENTR (Entrepreneurship)

ENTR 2301 • Innovation and the Entrepreneurial Experience
This experiential course develops an understanding of innovation and builds awareness of the practical experiences of entrepreneurs. Students participate in experiential activities and competitions, and learn using a practical framework that integrates current research, practice and lessons learned from people who have started impactful businesses with limited resources. Third and Fourth years of the BBA program are Mt. Royal University courses. The numbering system is based upon their guidelines. Students register through Medicine Hat College. NOTE: Students cannot receive credit for both ENTR 2301 and MGMT 270.
Hours: 42 hrs (3-0)
Credits: 3

ENTR 4433 • Business Plan Development
Prerequisite: (ACCT 215 or ACCT 323 or ACCT 3224) & MKTG 171 & (MGMT 161 or MGMT 270 or ENTR 2301)
You will be able to prepare and present a solid business plan for new or existing enterprise. Areas covered will include identifying and assessing opportunities, developing a winning strategy, identifying resource requirements and selling the plan to financing sources. This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College. NOTE: Students cannot receive credit for both ENTR 4433 and MGMT 443.
Hours: 42 hrs (3-0)
Credits: 3

EREC (Environmental Reclamation)

EREC 100 • Introduction to Environmental Science Concepts
Prerequisite: ENGL 30 or equivalent
Survey of fundamental concepts of environmental science focusing on the environment of aquatic and terrestrial ecosystems. Topics include the biological and chemical principles that relate to current environmental issues, conservation of plants and animals, energy flow as well as nutrient cycling, basic ecological and technological concerns and advances, and scientific analysis and solutions to environmental problems.
Hours: 56 hrs (3-1)
Credits: 3

EREC 115 • Introduction to CAD and Surveying for Environmental Reclamation Technicians
You will be introduced to various software programs such as AutoCAD, Google Sketch UP, Google Earth and Layout to produce drawings related to the Environmental Reclamation program. In addition to various software, you will be introduced to survey systems used in western Canada and the various survey techniques used to find elevations, angles and distances on the earth’s surface.
Hours: 140 hrs (5-5)
Credits: 4
EREC 120 • Petroleum Industry Fundamentals
A general overview of the different aspects of the petroleum industry operations in Alberta and Canada. The course describes how the petroleum industry contributes to the economy of Canada, the origin of oil and gas, prospecting for petroleum, drilling and completion, production and abandonment. Environmental and safety issues in the petroleum industry are introduced. Field trips are a mandatory part of this course.
Hours: 56 hrs (4-0)
Credits: 3

EREC 140 • Environmental Chemistry
Prerequisite: Admission to the Environmental Reclamation Technician program or permission of the Dean.
Recommended Background: CHEM 30
This course will introduce the concepts of inorganic and organic chemistry that are most relevant to soils and aquatic systems. Lectures will cover atomic and molecular structure, formulae and equations, equilibria, gases, acids and bases, major classes and nomenclature of organic compounds, functional groups, detergents and environmental applications. The laboratory will support the lecture content with an emphasis on analytical and organic chemistry. The experiment will introduce the students to laboratory equipment, data collection and the interpretation of analytical results.
Hours: 70 hrs (3-2)
Credits: 4

EREC 160 • Integrated Vegetation Management
Prerequisite: BOTA 205
Integrated vegetation management uses an understanding of plant ecology to manage vegetation in a variety of effective, economical and environmentally responsible ways to achieve desired species composition and dominance in Southern Alberta following ground disturbance. You are introduced to the classification, importance, growth and dispersal of weeds and invasive plant species. Identification of common Western Canadian weeds are emphasized. Strategies and techniques for site preparation, vegetation re-establishment and maintenance will be introduced with the goals of minimizing environmental impact; conservation of biodiversity; and control of weeds and invasive species.
Hours: 84 hrs (3-3)
Credits: 4

EREC 210 • Agrology and Agro-Ecology for Environmental Technologists.
EREC 210 introduces the agriculture industry and practices in Alberta. It includes the study of forages, tame pasture, field crops (cereal, oil seed, and pulse) and native grasslands. Agro-Ecology topics focus on range and riparian health assessment. Other topics include soil, land and water conservation and stewardship; seed industry and quality control; farm safety and equipment; agriculture policy, legislation and programs; agricultural professional organizations and communication. All topics are relevant to environmental reclamation and restoration of disturbed agricultural landscapes. EREC 210 will be presented in both a classroom and field lab/workshop environment.
Hours: 70 hrs (3-2)
Credits: 4

EREC 220 • Environmental Sampling and Monitoring
Reclamation not only involves the collection of data and samples prior to development of a reclamation plan, but during the process and on an on-going basis for monitoring. This course will cover the development of sampling strategies, sample collection, the management of samples and related data, plus documentation and interpretation of results obtained from accredited testing facilities. This course also introduces you to the major categories of environmental contaminants encountered during environmental reclamation as well as industrial sampling and monitoring processes, which may not always be related to oil and gas sectors. This course will involve field trips, lab activities and group projects where samples from reclamation sites.
Hours: 70 hrs (3-2)
Credits: 4

EREC 230 • Water Fundamentals
The progression of water through the hydrologic cycle affects all people and most scientific disciplines. Many issues involving contaminants within the environment, also involve the water cycle in some way (surface water, soil water, groundwater). In this course students will learn the components of the hydrologic cycle, precipitation, snow processes, evapotranspiration, infiltration and soil water, surface runoff, and groundwater. Additionally, students will be introduced to river processes, channel hydraulics, forest hydrology, wetlands, surface water quality concerns and contaminant hydrogeology. Analytic skills regarding quantitative and qualitative hydrologic data will be enhanced through lab exercises, field trips and class assignments.
Hours: 70 hrs (3-2)
Credits: 4

EREC 240 • Environmental Assessment
This course provides an introduction to the Canadian Environmental Assessment Act (2012) and a comparison to the previous Canadian Environmental Assessment Act as well as their corresponding process of Environmental Impact Assessments (EIA). Students will learn the basic process of planning, organizing and collecting information for EIAs at both the federal and provincial level. This course will also introduce the process of developing and implementing Phase I and II Environmental Site Assessments (ESAs) in Alberta, as well as pre-disturbance site assessments. Various provincial and federal assessment guidelines will be studied. This course has both field, tutorial components, including group projects.
Hours: 70 hrs (3-2)
Credits: 4

EREC 260 • Land Reclamation and Revegetation
Following site assessment and development of a reclamation plan this course involves you in the reclamation of a site. You gain familiarity with equipment used in this process; the correct documentation and disposal of waste materials; erosion control; soil amendment; weed management and monitoring of the reclamation site. This course also introduces the practices and techniques of revegetation of disturbed lands associated with oil and gas exploration, drilling and well abandonment. Topics include: assessment and surveying of native plant species; the collection
of native plant species for revegetation; evaluation of purity and germination of seeds for reclamation sites; production of reclamation vegetation and follow-up monitoring. Bioengineering practices to reduce erosion is introduced.

Hours: 70 hrs (3-2)
Credits: 4

**EREC 263 • Land Reclamation Legislation**
Provincial, federal and municipal governments require land reclamation to be carried out following environmentally related legislation, policy, directives, standards, guidelines and criteria. Familiarity with land reclamation legislation is an important aspect of being able to develop approved and successful reclamation plans and ensure compliance leading to certification. This course covers the legislation and details the legal requirements required for reclamation certification.

Hours: 56 hrs (4-0)
Credits: 3

**EREC 285 • Capstone Project**
Prerequisite: EREC 210 and EREC 220
Corequisite: EREC 240 or EREC 260 or EREC 263
Students will research, prepare, and present a major technical report that will apply and demonstrate the knowledge and skills obtained during their Environmental Reclamation program. The technical report is based on research, presentation techniques, technical and knowledge content, and written style with a specific emphasis on communication.

Hours: 84 hrs (2-4)
Credits: 4

**ESLC (English as a Second Language for New Canadians)**

**ESLC 026 • Basic ESLC**
Designed for new Canadians who have completed Language Instruction for New Canadians (LINC) but require higher skill levels to pursue educational or employment opportunities. All of the four major communicative skills; reading, writing, speaking, and listening are developed to enhance your proficiency and enable you to be successful in an English speaking work environment. You are placed into the program based on demonstrated proficiency in English, using the Canadian Language Benchmark (CLB) assessments. Graded on a CR (Pass)/NC (Fail) basis.

Hours: 80 hrs (5-0) 16 wks
Credits: 4

**ESLC 027 • Basic ESLC**
Designed for new Canadians who have completed Language Instruction for New Canadians (LINC) but require higher skill levels to pursue educational or employment opportunities. All of the four major communicative skills; reading, writing, speaking, and listening are developed to enhance your proficiency and enable you to be successful in an English speaking work environment. You are placed into the program based on demonstrated proficiency in English, using the Canadian Language Benchmark (CLB) assessments. Graded on a CR (Pass)/NC (Fail) basis.

Hours: 160 hrs (10-0) 16 wks
Credits: 6

**ESLC 046 • Advanced ESLC**
Designed for new Canadians who have completed Language Instruction for New Canadians (LINC) but require higher skill levels to pursue educational or employment opportunities. All of the four major communicative skills; reading, writing, speaking, and listening are developed to enhance your proficiency and enable you to be successful in an English speaking work environment. You are placed into the program based on demonstrated proficiency in English, using the Canadian Language Benchmark (CLB) assessments. Graded on a CR (Pass)/NC (Fail) basis.

Hours: 80 hrs (5-0) 16 wks
Credits: 4

**ESLC 047 • Advanced ESLC**
Designed for new Canadians who have completed Language Instruction for New Canadians (LINC) but require higher skill levels to pursue educational or employment opportunities. All of the four major communicative skills; reading, writing, speaking, and listening are developed to enhance your proficiency and enable you to be successful in an English speaking work environment. You are placed into the program based on demonstrated proficiency in English, using the Canadian Language Benchmark (CLB) assessments. Graded on a CR (Pass)/NC (Fail) basis.

Hours: 160 hrs (10-0) 16 wks
Credits: 6

**ESLC 056 • English Language Transitional Proficiency**
This course is designed for eligible newcomers to Canada who desire to move from foundational to proficient English communication skills, and wish to integrate more successfully into the community and workplace. The course is targeted toward those who can produce a Language instruction for Newcomers to Canada (LINC) certificate with completed CLB Levels 4, or who have been assessed with CLB Levels 4 or higher in at least three of four communication skills areas. Essential skills will be embedded into the
LINC curriculum and will be those skills that people need for work, learning, and life. They include reading, writing, oral communication, numeracy, document use, working with others, problem solving, computer use, and continuous learning. Students are placed into the program based on demonstrated proficiency in English as measured by the standards for Canadian Language Benchmarks. Graded on a CR (Pass)/NC (Fail) basis.

**Hours:** 240 hrs (15-0) 16 wks  
**Credits:** 10.5

**ESLC 078 • English Language Proficiency**  
This course is designed for eligible newcomers to Canada who desire to move from foundational to proficient English communications skills, and wish to integrate more successfully into the community and workplace. The course is targeted toward those who can produce a Language instruction for Newcomers to Canada (LINC) certificate with completed CLB Levels 6, or who have been assessed with CLB levels 6 or higher in at least three of four communication skills areas. Essential skills will be embedded into the LINC curriculum and will be those skills that people need for work, learning, and life. They include reading, writing, oral communication, numeracy, document use, working with others, problem solving, computer use, and continuous learning. Students are placed into the program based on demonstrated proficiency in English as measured by the standards for Canadian Language Benchmarks. Graded on a CR (Pass)/NC (Fail) basis.

**Hours:** 240 hrs (15-0) 16 wks  
**Credits:** 10.5

**EVSC (Environmental Science)**

**EVSC 238 • Introduction to Geographic Information Science**  
**Prerequisite:** GEOG 201 or GEOG 203  
Introduction to Geographic Information Science (GIS). This course introduces the creation, management, and analysis of digital spatial data. Topics include data models and representation, relational databases, analytical models, error accuracy and precision, map standards, and data translation (Google Earth, CADD and other data standards). QGIS - a free and open-source GIS - will be used for the course.

**Hours:** 84 hrs (3-3)  
**Credits:** 4

**EVSC 336 • Advanced GIS and Remote Sensing**  
**Prerequisite:** EVSC 238  
This course introduces students to methods for remote sensing of the Earth, and how spatial analysis can applied to landscape ecology and agriculture. Major course topics include electromagnetic radiation, spectral and spatial properties, sensor characteristics, accuracy assessment, image processing, and spatial analysis methods.

**Hours:** 84 hrs (3-3)  
**Credits:** 4

**FINA (Finance)**

**FINA 255 • Finance**  
**Prerequisite:** ACCT 113 or ACCT 321  
An introductory course in financial management. All managers need to understand the basic concepts and techniques of financial analysis. Quality decisions require an understanding of the analytical techniques of finance including interpretation of financial position, profit analysis, planning and budgeting, cash flow analysis, working capital management, capital budgeting and investment, cost of capital, and risk. Sources of funding will also be discussed.

**Hours:** 42 hrs (3-0)  
**Credits:** 3

**FNCE (Finance)**

**FNCE 2130 • Personal Finance**  
This course explores the importance of financial planning within the Canadian political and economic environment, enabling students to understand the principles and practices of managing personal finances. Students will develop an appreciation for financial planning, both in the short and long-term, including making informed decisions about personal budgeting, use of credit, insurance, taxation, investment alternatives, and other important considerations. This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College. NOTE: Students cannot receive credit for both FNSV 210 and FNCE 2130.

**Hours:** 42 hrs (3-0)  
**Credits:** 3

**FNSV (Financial Services)**

**FNSV 200 • Canadian Investment Funds**  
This course teaches the content of the Canadian Investment Funds (CIFC) course of the Investment Funds Institute of Canada. The course focuses on the basics of mutual funds and the mutual funds industry in Canada. Specific topics include assessing client needs, types of mutual funds, investing and financial instruments, taxation, and pensions and retirement. In addition to MHC’s tuition fee, you are required to register and pay an additional course fee to IFSE.ca. With this mandatory registration and fee, you receive all course materials and access to on-line resources, are registered with IFSE.ca and are eligible to write the mutual funds exam, which, if passed, gives you license to sell mutual funds when employed at a Canadian financial institution. As a non-Business student you are also welcome to take the course for reasons of personal interest or professional development.

**Hours:** 42 hrs (3-0)  
**Credits:** 3  
Required Industry Fee of $225 (costs may vary from time of publication). NOTE: The required industry fee does not cover the textbook cost for this course.

**FNSV 210 • Personal Investing**  
Course focuses on the investment process, investment portfolios, investment tools, and portfolio management from an individual investor perspective. Topics include stocks, bonds, debentures, mutual funds, securities, money markets, and financial planning. NOTE: Students cannot receive credit for both FNSV 210 and FNCE 2130.

**Hours:** 42 hrs (3-0)  
**Credits:** 3
FREN (French)

FREN 200 • Beginner’s French I
Starting with the alphabet, you progress to learning the basic elements and structures of the French language. Using cassette tapes, computer programs, and videos, you will comprehend, speak, read, and write French in everyday situations. Cultural aspects in various French-speaking countries are introduced. Dialogues and group discussions improve conversational skills and general fluency. NOTE: Not to be taken by students with native or near native proficiency in French, or with credit in French 30 or French 31 or their equivalents in Canada and other countries. NOTE: Students cannot receive credit for both FREN 200 and FREN 1109.
Hours: 70 hrs (4-1)
Credits: 4

FREN 202 • Beginner’s French II
Prerequisite: FREN 200 or permission of the Dean
A continuation of FREN 200 and a preparation for FREN 219. Basic vocabulary and grammatical structures are introduced. Instruction is provided in pronunciation, oral expression, reading and writing. Comprehension and communication skills are practiced in dialogues and discussion groups. You are introduced to cultural aspects of interest to those traveling or living in various Francophone countries of the world. NOTE: Not to be taken by students with native or near native proficiency in French, or with credit in French 30 or French 31 or their equivalents in Canada. NOTE: Students cannot receive credit for both FREN 202 and FREN 1109.
Hours: 70 hrs (4-1)
Credits: 4

FREN 219 • First Year University: French I
Prerequisite: FREN 30 or FREN 31 or FREN 202 or permission of the Dean
You expand your abilities in spoken and written French and buildup your grammatical skills. Short texts from well-known Francophone authors form a basis for study and discussion of cultural, personal, and universal themes. Through individual and group participation, this course prepares you for foreign travel or residence abroad and also for university programs such as Education, International Studies, and Commerce. NOTE: Not to be taken by students with native or near native proficiency in French.
Hours: 56 hrs (3-1)
Credits: 3

FREN 221 • First Year University: French II
Prerequisite: FREN 219 or permission of the Dean
A continuation of FREN 219. You have the opportunity to converse and communicate through individual and group presentations. You will practice new grammatical structures and vocabulary and study and discuss short excerpts from Francophone authors covering topics such as careers, travel, personal goals, and current issues. This course provides a good basis for the requirements of further university studies, federal institutions, and global corporations. NOTE: Not to be taken by students with native or near native proficiency in French.
Hours: 56 hrs (3-1)
Credits: 3

FREN 319 • Second Year University: French I
Prerequisite: FREN 221
Course further develops grammatical skills and provides a wider vocabulary. You will study and discuss short texts, and practice writing descriptive, narrative and expository prose.
Hours: 56 hrs (3-1T)
Credits: 3

FREN 321 • Second Year University: French II
Prerequisite: FREN 319 or permission of the Dean
A continuation of FREN 319 and refines grammatical accuracy and fluency in speaking and writing.
Hours: 56 hrs (3-1T)
Credits: 3

FREN 1109 • Beginner’s French I
Basic elements of the French language, including training in comprehension, speaking, reading and writing of French. This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College. NOTE: Students cannot receive credit for both FREN 1109 and FREN 200.
Hours: 70 hrs (4-1)
Credits: 4

FREN 1111 • Beginner’s French II
Prerequisite: FREN 200 or FREN 1109
A continuation of French 1109. This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College. NOTE: Students cannot receive credit for both FREN 1111 and FREN 202.
Hours: 70 hrs (4-1)
Credits: 4

GEOG (Geography)

GEOG 201 • The Physical Environment
An introduction to the physical elements of the environment (weather, climate, hydrology, land forms, soils, vegetation and the processes producing variations of these elements on the surface of the earth). Examples of environmental inter-relationships and problems that affect people are studied.
Hours: 70 hrs (3-2)
Credits: 4

GEOG 203 • The Human Environment
This course is the study of people - their origins, culture, technology, economy and impact on the environment, and the manner in which people attempt to impose order upon the surface of the earth. Concepts of relative location are introduced, with particular regard to both the external orientation and the internal organization of urban areas. There will be project work in the laboratories.
Hours: 70 hrs (3-2)
Credits: 4
GEOG 321 • Environmental Problems and Resource Management
Prerequisite: Any 200 level Geography course
Environmental and resource issues are studied, with emphasis on such topics as: Principles of resource use; global environmental and resources management strategies including sustainable development; and environmental impact assessment. Case examples are highlighted.
Hours: 42 hrs (3-0)
Credits: 3

GEOG 332 • Map and Air Photo Interpretation
Prerequisite: GEOG 201 or permission of the Dean.
The purpose of this course is to introduce you to the discipline of cartography through the detailed examination and use of maps and air photographs. Concepts stressed in the course include scale, location, direction, evaluation, projections, and elements of air photography.
Hours: 70 hrs (3-2)
Credits: 4

GEOG 334 • Remote Sensing
Prerequisite: GEOG 201 or permission of the Dean
This course covers the use of aerial photographs for the interpretation and mapping of renewable resources, and is an introduction to the physical basis of remote sensing. A full range of data products are used including black and white, black and white infrared, colour, colour infrared photographs, and satellite images.
Hours: 70 hrs (3-2)
Credits: 4

GEOG 338 • Introduction to Geographic Information Systems (GIS)
Prerequisite: GEOG 201
This course focuses on spatial data, its nature, acquisition and manipulation. Several of the industry-leading GIS software programs are utilized in exploring spatial relationships.
Hours: 70 hrs (3-2)
Credits: 4

GEOG 379 • The United States of America
The physical and cultural framework of the country and its historical significance, and the patterns and characteristics of geographic regions are studied in this course. NOTE: You are strongly advised to have taken a previous course in geography.
Hours: 42 hrs (3-0)
Credits: 3

GEOG 381 • Canada
Course focuses on the regional geography and physical framework of Canada and its significance in Canada’s historical development. The concept of the geographic region, the patterns and characteristics of these regions, and selected detailed studies are included in this course. NOTE: You are strongly advised to have taken a previous course in geography. Students cannot receive credit for both GEOG 381 and GEOG 2225.
Hours: 42 hrs (3-0)
Credits: 3

GEOG 387 • Russia
The systematic and topical geography of Russia and aspects of economic activity, transportation, regional development settlement patterns, and population distribution are discussed in this course. NOTE: You are strongly advised to have taken a previous course in geography.
Hours: 42 hrs (3-0)
Credits: 3

GEOG 397 • Geography of the Northlands
Course focuses on the environment, resource development and human activity with emphasis on Alaska, Yukon, Northwest Territories, Nunavut, Russia, Scandinavia, Greenland and Iceland. NOTE: You are strongly advised to have taken a previous course in geography.
Hours: 42 hrs (3-0)
Credits: 3

GEOG 2225 • Regional Geography of Canada
This course involves a regional geography approach to the study of Canada. Included is the study of the physical framework of Canada and its significance in Canada’s historical development. The concept of geographic regions, and the patterns and characteristics of these regions are explored using selected detailed studies. This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College. NOTE: Students cannot receive credit for both GEOG 2225 and GEOG 381.
Hours: 42 hrs (3-0)
Credits: 3

GLGY (Geology)

GLGY 201 • Principles of Geology and Geophysics I
Introduction to the origin, composition and evolution of the Earth and the solar system. Introduction to plate tectonics and the rock cycle with a description of surface processes and internal processes. Simple energy balances and interactions between radiation and the atmosphere, land, oceans, ice masses, and the global hydro geological cycle. Laboratory: Rocks and minerals, topographic and geologic maps.
Hours: 84 hrs (3-3)
Credits: 4

GNED (General Education)

GNED 210 • Scientific and Mathematical Literacy for the Modern World
You will expand your understanding of the intersections of mathematics, science and technology with daily life. The course will develop and apply critical thinking and scientific reasoning skills through the examination of issues drawn from the real world and current events. NOTE: Students cannot receive credit for both GNED 210 and GNED 1101.
Hours: 42 hrs (3-0)
Credits: 3
GNED 220 • Texts and Ideas
“Texts and Ideas” is a course that explores how specific ideas shape attitudes, beliefs systems, and values through the perspectives of various disciplines. You will learn about the nature, origins and relevance of one or more complex concepts, such as beauty, mind, identity, modernity, or the good life. NOTE: Students cannot receive credit for both GNED 220 and GNED 1202.

Hours: 42 hrs (3-0)
Credits: 3

GNED 221 • Aesthetic Experience & Ideas
This course examines human aesthetic responses and our capacities to interpret diverse forms of cultural expressions. Students will study some of the following: literary and/or religious texts, paintings, sculpture, architecture, music, film, dance, opera, the decorative arts, as well as other forms of aesthetic expression. Students will critically explore the values, beliefs and ideas that shape, and are shaped by human experience, and are expressed by individuals, communities, and societies, through their art and cultural expression. Students will also explore the various media through which cultural expression takes place. NOTE: Students cannot receive credit for both GNED 221 and GNED 1201.

Hours: 42 hrs (3-0)
Credits: 3

GNED 230 • Citizenship Without Borders
You will gain an understanding of the impact and opportunities of globalization, as well as the barriers. A thorough discussion of the pros and cons of globalization will be included. The international environment will be introduced through a holistic analysis of political, economic, and cultural differences. International institutions and trading blocs will be discussed, and the factors contributing to cross-cultural effectiveness will be introduced. NOTE: Students cannot receive credit for both GNED 230 and GNED 1301.

Hours: 42 hrs (3-0)
Credits: 3

GNED 234 • Communities and Societies
In this course students will be guided to develop a richer awareness of the various communities and societies in which they live and participate. This course will progressively examine family, communities of belonging, post-secondary education, the city, the province, the state, and global economic, political and cultural concentric systems. In the course, stereotypes will be questioned, critical skills developed, and key topics will be addressed and examined. Themes and topics to be considered include the following: Community building, power and authority, social systems, institutions, and rules and responsibilities. NOTE: Students cannot receive credit for both GNED 234 and GNED 1304.

Hours: 42 hrs (3-0)
Credits: 3

GNED 1101 • Scientific and Mathematical Literacy for the Modern World
Students will expand their understanding of the intersections of mathematics, science and technology with daily life. The course will develop and apply critical thinking and scientific reasoning skills through the examination of issues drawn from the real world and current events. This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College. NOTE: Students cannot receive credit for both GNED 1101 and GNED 210.

Hours: 42 hrs (3-0)
Credits: 3

GNED 1201 • Aesthetic Experience and Ideas
This course examines human aesthetic responses and our capacities to interpret diverse forms of cultural expression. Students will study some of the following: literary and/or religious texts, paintings, sculpture, architecture, music, film, dance, opera, the decorative arts, as well as other forms of aesthetic expression. This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College. NOTE: Students cannot receive credit for both GNED 1201 and GNED 221.

Hours: 42 hrs (3-0)
Credits: 3

GNED 1202 • Texts and Ideas
“Texts and Ideas” is a course that explores how specific ideas shape attitudes, beliefs systems, and values through the perspectives of various disciplines. Through the critical reading of key texts, students will learn about the nature, origins and relevance of one or more ideas, such as "leadership," "mind," "the self," "modernity," or "the good life ". This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College. NOTE: Students cannot receive credit for both GNED 1202 and GNED 220.

Hours: 42 hrs (3-0)
Credits: 3

GNED 1301 • Citizenship without Borders
Students will gain a broad overview and understanding of issues related to global interaction and global interconnectedness. The complex concept of ‘globalization’ will be analyzed through interdisciplinary perspectives and students will be encouraged, through debating key issues, to be active global citizens. Instructors may approach the course through the use of specific thematic structures. This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College. NOTE: Students cannot receive credit for both GNED 1301 and GNED 230.

Hours: 42 hrs (3-0)
Credits: 3

GNED 1304 • Communities and Societies
Local, national, and global communities suffer from similar problems. This interdisciplinary course will critically examine key issues within communities and societies, explore the meaning, power, and obligations of citizenship, and begin to develop the skills necessary to create positive, effective, and sustainable change. This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College. NOTE: Students cannot receive credit for both GNED 1304 and GNED 234.

Hours: 42 hrs (3-0)
Credits: 3
GNED 1401 • Critical Writing & Reading
This course develops students’ skills in the types of writing, reading, and thinking required in university today. Students will review basics, analyze contemporary examples, develop research and referencing skills, and design their writing for specific audiences. Writing for Academic Success provides an opportunity to develop new talents and gain confidence in expressing ideas. This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College. NOTE: Students cannot receive credit for both GNED 1401 and ENGL 252.
Hours: 42 hrs (3-0)
Credits: 3

HNST (Gender Studies)

HNST 300 • Gender Studies
Course provides theoretical, historical, cultural, and ethical contexts for the study of gender. What is gender? How are gender and sex different? How have gender roles been determined in the past and present? How are gender and gender roles depicted in our culture and through the media? How are issues pertaining to gender related to personal identity, race and ethnicity, family, economics, education, law, medicine and health care? This course has no prerequisites but SOCI 201 or PSYC 205 are highly recommended. NOTE: Students cannot receive credit for both HNST 300 and SLGY 2233.
Hours: 42 hrs (3-0)
Credits: 3

HCAP (Health Care Aide)

HCAP 140 • Health Care Aide Role & Responsibility
Corequisite: HCAP 141 & HCAP 142 & HCAP 143
You will obtain knowledge about the role of the health care aide, legislation, functioning effectively as a team member, environmental safety, client safety, self-care, and safety. Graded on a CR (Pass)/NC (Fail) basis
Hours: 45 hrs (2.85-.36)
Credits: 3

HCAP 141 • The Human Body, Health & Chronic Illness
Corequisite: HCAP 140 & HCAP 142 & HCAP 143
You will gain an understanding of body systems, functions, and chronic conditions. Normal human growth, development, and death will be discussed. You will gain an understanding of the role of a Health Care Aide and the aspects of healthy aging as well as the importance of the maintenance and fostering of client independence. Graded on a CR (Pass)/NC (Fail) basis.
Hours: 45 hrs (3.21-0)
Credits: 3

HCAP 142 • Communication & Documentation in the Health Care Environment
Corequisite: HCAP 140 & HCAP 141 & HCAP 143
You will learn how to communicate effectively within a collaborative team. You will also acquire skills in both written and oral communications and learn how to deal with problems and conflict. You will gain understanding in communication impairments and related strategies to mitigate potential challenges. Graded on a CR (Pass)/NC (Fail) basis.
Hours: 60 hrs (2.14 - 2.14)
Credits: 4

HCAP 143 • Providing Person-Centered Care & Comfort
Corequisite: HCAP 140 & HCAP 141 & HCAP 142
You will learn how to deliver basic physical care such as grooming, personal care, bathing, bed-making, assisting with elimination, client mobility, positioning, lifts and transfers in a safe, ethical manner. You will also acquire knowledge and skills related to client nutrition, food safety and mealtimes. This course includes a high impact consolidation lab. Graded on a CR (Pass)/NC (Fail) basis.
Hours: 75 hrs (2.07 - 3.29)
Credits: 4

HCAP 144 • Clinical Placement I
Prerequisite: HCAP 140 & HCAP 141 & HCAP 142 & HCAP 143
Placement to occur in a continuing care setting (home care, supportive living (designated supportive living (DSL), senior lodge, group homes). Graded on a CR (Pass)/NC (Fail) basis.
Hours: 80 hrs (0 - 80C)
Credits: 4

HCAP 145 • Meeting Complex Care Needs
Prerequisite: HCAP 140 & HCAP 141 & HCAP 142 & HCAP 143
Corequisite: HCAP 144
This course covers the more complex skills required for complete personal care such as range of motion, assistance with wound care, assistance with Naso-Gastric, Gastrostomy and tube feeds, assistance with urinary catheters and drainage systems. In addition, you will learn how to measure vital signs, height, and weight, assess vital signs, assistance with specimen collection, and assistance with respiratory care and oral suctioning, medication assistance. This course includes a high impact consolidation lab. Graded on a CR (Pass)/NC (Fail) basis.
Hours: 75 hrs (1.75-3.61) 14 wks
Credits: 4

HCAP 146 • Special Activities for Clients with Various Health Conditions
Prerequisite: HCAP 144
Corequisite: HCAP 145
You will build on the skills previously learned and expand your range of skills to include assistance with care of infants, assistance with child, and care for clients with a diagnosis of Dementia and other mental health diagnoses. You will assist clients with physical disabilities and developmental delays. Furthermore, you will learn about palliative and end of life care and how to meet the care needs of patients and families at the time of death. This course includes a high impact consolidation lab. Graded on a CR (Pass)/NC (Fail) basis.
Hours: 75 hrs (3.64 - 1.71)
Credits: 4
HCAP - HIST

HCAP 147 • Clinical Experience II (Instructor-Led)
Prerequisite: HCAP 145 & HCAP 146
Clinical placement to occur in any of the following care settings: long term care facility, designated supportive living 4/4D (DSL4/4D), and in some cases (DSL 3). Graded on a CR (Pass)/NC (Fail) basis.
Hours: 160 hrs (0-160C)
Credits: 6

HCAP 148 • Consolidated Clinical Placement
Prerequisite: HCAP 147
Placement to occur in any of the following settings: home care, a long term care facility, designated supportive living 4/4D (DSL4/4D), in some cases (DSL 3), or acute care. Graded on a CR (Pass)/NC (Fail) basis.
Hours: 80 (0-80C)
Credits: 4

HIST (History)

HIST 203 • History of Europe
This course focuses on the major issues in modern European history, emphasizing the relationship between ideas and events. Sample themes: Revolution and social change; the scientific outlook and democratic ideals; liberalism and industrialization; theory and practice in socialism and Soviet communism.
Hours: 42 hrs (3-0)
Credits: 3

HIST 205 • The Americas
Course discusses selected topics in the history of conquest, expansionism and migrations in the New World. Special attention is given to exploration, social and economic development, race relations, colonial and military rivalries, frontiers, and revolutions.
Hours: 42 hrs (3-0)
Credits: 3

HIST 217 • The United States 1607-1865
Course focuses on a survey of major themes and issues in American history from colonial settlement to the end of the Civil War. Topics include: Early exploration, colonial society, religion and education, the road to revolution, the revolutionary war, American democracy, American expansion, race relation, and the Civil War.
Hours: 42 hrs (3-0)
Credits: 3

HIST 219 • United States 1865 to Present
Focus of the course is a survey of American history from the Civil War to the present. Topics include: Reconstruction and black freedom, the response to industrialization, the emergence of the USA as a world power, the Great Depression and the New Deal, involvement in war (WWI, WWII, Cold War, Vietnam War), student rebellion in the 1960s, and conservatism in the Reagan era.
Hours: 42 hrs (3-0)
Credits: 3

HIST 231 • Canada, Origins to 1867
A historical introduction to the dynamic themes in early Canadian history. Special attention is devoted to social, economic, and political development. White-Aboriginal relations and the opening of the Canadian West is also studied. NOTE: Students cannot receive credit for both HIST 231 and HIST 1131.
Hours: 42 hrs (3-0)
Credits: 3

HIST 233 • Canada Since 1867
This course focuses on the development of the Canadian nation from Confederation to 1945, with particular attention to federal-provincial relations, economic development, social movements, and western political protest. NOTE: Students cannot receive credit for both HIST 233 and HIST 1133.
Hours: 42 hrs (3-0)
Credits: 3

HIST 331 • Canadian Social Development
A study of the growth of Canadian society from colonial times to the present. Emphasis is placed on European and American backgrounds of Canadian social institutions and their development in various regional settings. Consideration is given to the role of immigrants, social and ethnic groups, health, crime and punishment, education, religion, the arts, and recreation. NOTE: Students cannot receive credit for both HIST 331 and HIST 2232.
Hours: 42 hrs (3-0)
Credits: 3

HIST 333 • Popular Culture in Nineteenth Century Canada
This course focuses on selected themes in 19th century Canadian culture: Working class culture and leisure; rural and urban lifestyles; social class and the Victorian family; newspapers and periodicals; regional societies and folk myths; and political culture.
Hours: 42 hrs (3-0)
Credits: 3

HIST 345 • Crime and Criminal Justice in Canada
This course focuses on the history of crime and criminal justice in Canada from the earliest settlement by Europeans to the late twentieth century. Topics include crime and the development of the criminal law, criminal courts and jurisdictions, the police, punishments, correctional institutions in Eastern, Central and Western Canada during the time period. Attention will be given to the relationship of criminality to the moral attitudes and socio-economic conditions, and the historic role of crime and punishment in the local communities, society and the state.
Hours: 42 hrs (3-0)
Credits: 3

HIST 350 • Eighteenth Century Europe, 1715-1815 Age of Enlightenment and Revolution
Topics for this course include: State building and international relations; aristocracy, peasants, and the urban middle classes; popular culture; critical spirit of the Enlightenment; crises of the old regimes; and the era of the French Revolution and Napoleon.
Hours: 42 hrs (3-0)
Credits: 3
HIST 351  •  Nineteenth Century Europe, 1815-1914
Material Progress and Political Collapse
Topics for this course include: New ideologies of liberalism, conservatism, nationalism, and socialism; 19th century revolutions; industrialization and its social consequences; emergence of new nation-states; imperialism, partial emancipation of women; new cultural trends; and the successes and ultimate failure of the European balance of power. NOTE: Students cannot receive credit for both HIST 351 and HIST 2243.
Hours: 42 hrs (3-0)
Credits: 3

HIST 1131  •  Introduction to Canada: Pre-Confederation
This course introduces students to key issues and events in early Canadian history. Themes include social and cultural change, as well as economic and political developments. Specific topics covered may include Canada’s military participation, the Cold War, immigration and regionalism. This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College. NOTE: Students cannot receive credit for both HIST 1131 and HIST 231.
Hours: 42 hrs (3-0)
Credits: 3

HIST 1133  •  Modern Canada, 1867 to Present
This course introduces students to key issues and events in modern Canadian history. Themes include social and cultural change, as well as economic and political developments. Specific topics covered may include Canada’s military participation, the Cold War, immigration and regionalism. This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College. NOTE: Students cannot receive credit for both HIST 1133 and HIST 233.
Hours: 42 hrs (3-0)
Credits: 3

HIST 2232  •  Canadian Social History
This course focuses on the history of Canadians in a number of spaces such as home, workplace and recreational settings. A variety of topics such as religion, education, health, crime and punishment, the arts, and popular culture may be examined, as may issues such as race and ethnicity, gender and sexuality, regional identity and class. This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College. NOTE: Students cannot receive credit for both HIST 2232 and HIST 331.
Hours: 42 hrs (3-0)
Credits: 3

HIST 2243  •  Europe in the Nineteenth and Twentieth Centuries
This course examines the history of Europe between 1789 and 1989. This period is distinguished by transformations in virtually every area of human life; the creation and destruction of a European dominated world order; the rise, spread and collapse of communism; increasingly destructive spasms of organized violence; and ongoing efforts at collective identity formation. This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College. NOTE: Students cannot receive credit for both HIST 2243 and HIST 351.
Hours: 42 hrs (3-0)
Credits: 3

HLSC (Health Sciences)

HLSC 151  •  Personal Health and Wellness
This course offers an overview of the physical, social, mental, environmental and spiritual aspects of personal health and wellness within the context of community and the Canadian health care system.
Hours: 45 hrs (3-0) 15 wks
Credits: 3

HLSC 200  •  Introduction to Addictions Studies
Prerequisite: Meets admission criteria into the Addictions Counselling program
This foundational course provides an overview of the study and treatment of addictive behaviours and compulsive disorders.
Hours: 42 hrs (3-0)
Credits: 3

HLSC 220  •  Introduction to Counselling
Prerequisite: HLSC 200 & PSYC 205 & IDST 100 or permission of the Dean
An introduction to the theory and practice of counselling individuals experiencing addictions.
Hours: 84 hrs (3-3)
Credits: 4

HLSC 230  •  Physiology and Processes of Addictions
Prerequisite: HLSC 200 or permission of the Dean
This course examines the physiology and processes of addictions. Methods and agents used for the restoration of physiologic equilibrium are also discussed.
Hours: 42 hrs (3-0)
Credits: 3

HLSC 320  •  Counselling II (Individuals and Groups)
Prerequisite: HLSC 220
Theories and techniques of counselling individuals and groups are examined. Lab work includes techniques for working with individuals and groups of addicted persons.
Hours: 98 hrs (3-4)
Credits: 4

HLSC 340  •  Assessment of Addictions
Prerequisite: HLSC 220 & HLSC 230
This course provides you with the necessary knowledge and skills to identify and understand clients with needs related to addictions and to plan interventions in partnership with the client.
Hours: 84 hrs (3-3)
Credits: 4
HLSC 350 • Internship in Addictions Counselling
Prerequisite: All first and second year courses
You observe and participate in the practice of addictions counseling within a fieldwork experience. On-line and on-site seminars facilitate the integration of theory, research, and practice. You are required to attend a one week seminar on campus part way through the semester. NOTE: You must have access to the Internet at your placement site or residence in order to participate in the online weekly assignments and discussions. Additional Requirements: Prior to starting practicum students must receive certification in Applied Suicide Intervention Skills Training (ASIST). Opportunity for this training will be coordinated by the program but students are responsible for the cost. (Approx $200)
Hours: 490 hr (3-32P)
Credits: 12

HLSC 365 • Health Education and Promotion
Prerequisite: Admission into the Addictions Counselling program
An overview of the theory essential to health education including health promotion, models of health, health education, and learning; ethical concerns in education and basic teaching methods and tools. NOTE: You cannot receive credit for both HLSC 365 and NURS 365.
Hours: 42 hrs (3-0)
Credits: 3

HPED (Health and Physical Education)

HPED 1010 • Historical and Philosophical Foundations in Sport & Culture
This course provides an examination of the cultural meanings of sport, leisure, and physical education; and the place of the body in our culture both historically and in the present. This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College. NOTE: Students cannot receive credit for both HPED 1010 and KNES 264.
Hours: 42 hrs (3-0)
Credits: 3

HPED 2507 • Introductory Nutrition
This course will provide the student with a basic understanding of the role of nutrition in health and fitness. By surveying the basics of human nutrition, and considering practical applications, the student will be prepared to apply nutrition guidelines to their individual nutrition needs and those of specialized populations. This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College. NOTE: Students cannot receive credit for both HPED 2507 and NUTR 200.
Hours: 42 hrs(3-0)
Credits: 3

HPED 3010 • The Body in Socio-Cultural Studies II
An examination of current methodologies in the study of cultural meaning of sport, leisure and physical education. This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College. NOTE: Students cannot receive credit for both HPED 3010 and KNES 204.
Hours: 42 hrs (3-0)
Credits: 3

IDST (Interdisciplinary Studies)

IDST 100 • Introductory Communications for Helping Professionals
This introductory course provides foundational knowledge and skills in communication for students beginning studies in the helping professions.
Hours: 78 hrs (3-3) 13 wks
Credits: 4
Available On-Site and in a Distributed Learning Format

IDST 485 • Death and Dying
Society's attitudes toward death and dying, rituals associated with death, and the impact of technology are examined. The effect of death and dying on those who are dying, on their families and friends, and on those providing care and comfort is discussed. NOTE: Students cannot receive credit for both IDST 485 and PSYC 3320.
Hours: 39 hrs (3-0) 13 wks
Credits: 3

IMIN (Infection and Immunity)

IMIN 200 • Infection and Immunity
Prerequisite or Corequisite: CMMB 343 & (BCEM 200 or BCEM 393)
Infection and Immunity introduces the fundamental principles, components and functioning of the immune system. It examines how the immune system responds to each of the three major groups of infectious agents (bacteria, viruses and parasites) and the strategies employed by these agents in order to evade an effective immune response.
Hours: 42 hrs (3-0)
Credits: 3

IMIN 202 • Infection and Immunity for Health Care Professionals
Prerequisite or Corequisite: BIOL 275 and permission of the Dean
Infection and Immunity for Health Care Professionals introduces the fundamental principles, components and functioning of the immune system. It examines how the immune system responds to each of the three major groups of infectious agents (bacteria, viruses and parasites) and the strategies employed by these agents in order to evade an effective immune response.
Hours: 42 hrs (3-0)
Credits: 3
INBU (International Business)

INBU 330 • International Marketing
This course provides students with an understanding of the role of marketing in international business and how it differs from marketing in the domestic market. A brief review of the basic principles of marketing and its relationship to the other functional areas of Marketing will be included. The course will focus on identifying international marketing opportunities and developing appropriate market access strategies. The influence of cultural, political, economic and legal factors on the marketing decisions will be a vital component of the market research which will be used to gain a better understanding of the identified target market.
NOTE: Students cannot receive credit for both INBU 330 and INBU 3302.
Hours: 42 hrs (3-0)
Credits: 3

INBU 3301 • Global Business Environment
An introduction to the field of international business: national economic, political and cultural differences; the issues surrounding globalization; the role of international institutions in facilitating international trade; international trade agreements; the international monetary system; current international business trends and developments. The course will stress Canada’s place in the global economy and the challenges Canadian businesses face in doing international business. Third and Fourth years of the BBA program are Mt. Royal University courses. The numbering system is based upon their guidelines. Students register through Medicine Hat College.
NOTE: Students cannot receive credit for both INBU 3301 and MGMT 330.
Hours: 42 hrs (3-0)
Credits: 3

INBU 3302 • International Marketing
There are ways to succeed in international marketing and they include understanding who your customers are, what they want and how you can best provide it. International Marketing prepares you to master the challenges of international markets. Topics include domestic versus international marketing, principles of marketing, market research techniques, promotional strategies, pricing, missions and trade fairs and international marketing management. This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.
NOTE: Students cannot receive credit for both INBU 3302 and INBU 330.
Hours: 42 hrs (3-0)
Credits: 3

ITEC (Information Technology)

ITEC 100 • Professional Communications I
This introductory course helps you develop the skills, strategies, and techniques needed to prepare a variety of business and technical documents. Instruction will include a focus on grammar proficiency, document development, and oral presentation skills. You will use Microsoft Office Suite to create, edit and track changes to documents.
Hours: 70 hrs (2-3)
Credits: 4

ITEC 110 • A+ Computer Technology I
Named after CompTIA A+, a microcomputer industry-wide proficiency standard, this course includes essential operating system competencies and hardware knowledge for a microcomputer service technician. This course will help students prepare for the (optional) CompTIA A+ industry examinations.
Hours: 84 hrs (2-4)
Credits: 4

ITEC 120 • Applied Mathematics
A combination of technical and business mathematics, this course is designed to improve general math and problem solving capabilities particularly in areas relevant to information technology. Topics include a thorough treatment of binary and hexadecimal number systems and related conversions, review of arithmetic and algebra, exponents and logarithmic functions, IP addressing, truth tables, etc. As well as some business mathematics such as percentages, interest, break-even analysis, etc. Lab exercises include hands on work with spreadsheets (e.g. Microsoft Excel) and some programming.
Hours: 70 hrs (2-3)
Credits: 4

ITEC 130 • A+ Computer Technology II
Prerequisite: ITEC 110
This course extends the range and depth of coverage begun in ITEC 110. It is also named after CompTIA A+, a microcomputer industry-wide proficiency standard, and continues coverage of essential operating system competencies and hardware knowledge for a microcomputer service technician. This course will help students prepare for the (optional) CompTIA A+ industry examinations.
Hours: 84 hrs (2-4)
Credits: 4

ITEC 140 • Programming Fundamentals I
Introduction to computer programming using a mainstream object oriented, event driven language. Topics include user interface design, algorithms, and various foundational programming concepts such as types, variables, objects, expressions, control structures, and so on. In the labs you are given the opportunity to complete a variety of event driven, windows based programs.
Hours: 70 hrs (2-3)
Credits: 4

ITEC 145 • Programming Fundamentals II
Prerequisite: ITEC 140
Continuing from ITEC 140, you will continue to develop your expertise in object oriented, event driven programming. Topics include: additional control structures, arrays, subprograms and parameters, file handling, and introduction to classes.
Hours: 70 hrs (2-3)
Credits: 4

ITEC 146 • Programming Fundamentals III
Prerequisite: ITEC 145
This course continues the development of programming skills using the object oriented, event driven language of your choice. Topics include: more advanced control structures, files, databases, and object oriented design.
Hours: 70 hrs (2-3)
Credits: 4
ITEC 150 • Application Software
This course focuses primarily on database software and introductory database concepts. Main topics include database design, relationships, tables, queries, forms and reports. Additional software topics include software installation, requirements, licensing, compatibility and data transfer between different applications.
Hours: 70 hrs (2-3)
Credits: 4

ITEC 155 • IT Systems Support
This course examines the installation and use of Linux client/desktop operating systems and the role that the Linux operating system plays in today’s computing environment. Additional topics will focus on system protection. Logical and physical security concepts and cryptography will be introduced including such uses as encryption of files, drives, e-mail and public key infrastructure. Students will also use a variety of methods to detect, remove and prevent malware infections. This course will help students prepare for the (optional) CompTIA A+ industry examinations.
Hours: 70 hrs (2-3)
Credits: 4

ITEC 170 • Networking Fundamentals
This course covers networking and communications fundamentals and terminology, communication protocols, the OSI model, TCP/IP and encapsulations. You will work with current networking hardware and software to study the appropriate configuration of these components. Networking concepts such as routing and remote access are introduced in the context of an Internet connection. The course represents the program’s primary preparation for the CompTIA Network+ certification exam which you will be encouraged to complete by the middle of the third term of the IT program.
Hours: 84 hrs (2-4)
Credits: 4

ITEC 180 • Business and Accounting Principles
You are introduced to the terms, concepts and practices of business as well as elementary accounting (the accounting cycle, the accounting equation, and financial statements). Through a business simulation, you will learn about the business environment, organization, management, marketing, and financial considerations of operating and being part of a business. You will use Microsoft Office Suite to create and edit professional-looking spreadsheets and documents for a variety of purposes and situations.
Hours: 70 hrs (3-2)
Credits: 4

ITEC 190 • Web Development I
Focus is on the development of web pages and complete web sites. Utilizing HTML and/or XHTML you are introduced to various tags, attributes and scripting syntax necessary to ready text and images for use on the World Wide Web. Enabling technologies such as browser software and web page publishing are also covered.
Hours: 70 hrs (2-3)
Credits: 4

ITEC 205 • Work Experience Preparation
Prerequisite: ITEC 100
This course prepares students in the Co-op stream for the work experience, ITEC 291. Seminars are given to help you improve resume writing skills, acquaint yourself with workplace procedures, familiarize yourself with job interviews and the co-op evaluation process. Successful completion of the course will enable you to make a smooth transition to the workplace for your co-op term.
Hours: 14 hrs (1-0)
Credits: 1

ITEC 230 • Emerging Technologies I
Prerequisite: ITEC 140 or ITEC 170
New technologies continually rise to prominence in information technology. This course focuses on important current technologies that round out the skill set of the information technology graduate. Students will choose from a number of technical ‘modules’ that allow them to focus their studies and build their strengths in certain areas of their choice.
Hours: 70 hrs (2-3)
Credits: 4

ITEC 235 • Emerging Technologies II
Prerequisite: ITEC 140 or ITEC 170
Students will select a number of learning modules focused on current topics. This course will include a self-directed capstone project.
Hours: 70 hrs (2-3)
Credits: 4

ITEC 240 • Web Server Administration
This course focuses on the systems administration of Web servers and sites. Topics include the installation, configuration, monitoring, maintenance and management of at least two variations of server environments (currently Microsoft Internet Information Services [IIS] and Linux Apache). Emphasis is on practical, hands-on application and configuration.
Hours: 70 hrs (2-3)
Credits: 4

ITEC 260 • Applied Technical Support I
Prerequisite: ITEC 130
This course prepares students to provide technical support in industry. You learn how to deal effectively with a wide variety of customer situations and to create positive interaction between customers and co-workers. Practical experience gained by completing projects in the community is a major component of this course.
Hours: 70 hrs (2-3)
Credits: 4

ITEC 265 • Applied Technical Support II
Prerequisite: ITEC 260
Being an integral part of the Information Technology Support function can be challenging, frustrating, and exciting all at once. This course continues from ITEC 260 and teaches innovative and "best practice" techniques in solving problems and developing solutions to meet client needs. Hands-on projects and ‘real-world’ experience continue to provide students with job preparation.
Hours: 70 hrs (2-3)
Credits: 4
ITEC 270 • Database Management I
An introduction to data, databases, and data management, this course offers a combination of theory and hands-on experience necessary for a foundational understanding of data management. Topics include database design and normalization, Structured Query Language (SQL), indexes, forms, queries and reports.
Hours: 70 hrs (2-3)
Credits: 4

ITEC 275 • Database Management II
Prerequisite: ITEC 270
Following ITEC 270, you expand your ability to analyze and develop database related applications. Course topics include examination of client server models, multi-user support, distributed databases, Internet connectivity, and n-tier software design. In the labs, you work on developing solutions for various business data management applications using relevant software development tools and programming for Internet/Intranet and or Windows.
Hours: 70 hrs (2-3)
Credits: 4

ITEC 285 • Security
Prerequisite: ITEC 170
This course focuses on the operational and technical aspects of computer and network security such as managing permissions, accounts, security updates, virus protection, encryption, firewall installation and configuration, network monitoring, and auditing. Good network management and administration techniques, primarily in a Microsoft operating systems environment are emphasized as fundamentals to maintaining secure systems and networks. You will learn a fundamental working knowledge of key cryptography concepts, authentication methods and public key infrastructures in support of the development of a secure network infrastructure. The course represents the program's primary preparation for the CompTIA Security+ certification exam.
Hours: 70 hrs (2-3)
Credits: 4

ITEC 291 • Work Experience
Prerequisite: ITEC 205
The work experience is the core of the Co-op stream of the Information Technology program. You will be placed in employment situations at competitive wages with local employers. Progress will be evaluated by employers, students and Co-op Coordinator who will supervise the course. The work experience normally takes place in the spring/summer session between the first and second years of the Information Technology program. Graded on a CR (Pass)/NC (Fail) basis. Total tuition for this course is $814.16.
Hours: 4 mths
Credits: 15

ITPL (Information Technology Placement)
ITPL 220 • Information Technology Career Advancement
This course provides special coverage of new and emerging technologies within the computer industry and/or relevant industry certification topics.
Hours: 70 hrs (0-17.5) 4 wks
Credits: 4

KNES (Kinesiology)

KNES 200 • Developing Critical Thinking
Critical thinking is designed to improve your ability to analyze and evaluate the kinds of arguments and assertions commonly met within everyday life. This course also helps you improve your own arguments and presentations by showing you how to draw sound conclusions from available evidence, and how to construct well-reasoned cases to support these conclusions.
Hours: 42 hrs (1.5-1.5)
Credits: 3

KNES 203 • Principles and Concepts of Physical Activity
Exploration of the principles and concepts that underlie movement of individuals and groups in a variety of settings. It is designed as a lead up course to the required study of Biomechanics. The focus of the course is the development of a conceptual understanding of movement. A wide range of activities and their contexts is examined and experienced.
Hours: 56 hrs (1-3)
Credits: 3

KNES 204 • Sociocultural Aspects of Leisure and Sport
Course focuses on the study of play, physical education, recreation, sport, and leisure as institutionalized ways in which society organizes and teaches attitudes and skills. NOTE: Students cannot receive credit for both KNES 204 and HPED 3010.
Hours: 42 hrs (3-0)
Credits: 3

KNES 206 • Psychology of Sport and Physical Activity
Prerequisite: PSYC 205
This course introduces you to select psychological theory as it relates to sport and physical activity. Psychological constructs along with their theoretical perspectives will be viewed within a cognitive, emotional and behavioral framework. NOTE: Students cannot receive credit for both KNES 206 and PHYL 2510.
Hours: 42 hrs (3-0)
Credits: 3

KNES 210 • Motor Skill Acquisition and Performance
This course presents a behavioral approach to understanding human movement. The course examines the processes involved in learning motor skills and controlling movement, and the factors that influence acquisition and performance. The course content relies on theoretical frameworks and empirical support for principles of motor control and learning. Critical neural and cognitive concepts underlying an understanding of human behavior in physical activity, sport and health are also examined.
Hours: 42 hrs (3-0)
Credits: 3

KNES 211 • Leadership Communication and Instruction
Focus on the study and application of knowledge, skills, and abilities that contribute to effective leadership and communication in kinesiology and physical education. This course provides study and application of theories, concepts, skills, and practice of effective communication, leadership, and instruction in fitness leadership, sport leadership, physical activity settings, and other related professional areas.
Hours: 70 hrs (3-2)
Credits: 4
KNES 212 • Research Methods in Kinesiology
Prerequisite: STAT 251 or STAT 333
An introduction to research in Kinesiology, with an emphasis on a practical application of research techniques and design. Learning how to evaluate and design combining critical thinking to understand the various types of qualitative, quantitative and mixed research methods.
Hours: 42 hrs (3-0)
Credits: 3

KNES 220 • Prevention and Care of Athletic Injuries
Prerequisite: KNES 261 or BIOL 275 & BIOL 277
The principles of injury prevention, and the study of selected sports injuries and how to manage them are studied in this course. Upon successful completion of this course, students can apply to the Sports Medicine Council of Alberta for an equivalency certificate in Athletic First Aid and Sport Taping and Strapping. This course includes an additional fee for taping and strapping supplies.
Hours: 70 hrs (3-2)
Credits: 4

KNES 240 • Adapted Physical Education
An introduction to research, theory and practice pertaining to participation in sport, physical education and leisure by persons with impairments. NOTE: Students cannot receive credit for both KNES 240 and PHYL 3320.
Hours: 56 hrs (3-1)
Credits: 3

KNES 247 • Introduction to Wellness, Fitness & Nutrition
This course is designed to introduce students to the general concepts of wellness, fitness and nutrition. Topics include dimensions of wellness, nutrition and body composition, components of fitness, exercise prescription and physical activity. Laboratory experiences will provide students with an introduction to basic wellness activities that, in combination with lecture material, can be applied to individual needs and circumstances.
Hours: 70 hrs (3-2)
Credits: 4

KNES 250 • Introduction to the Administration of Sport and Physical Education Programs
Course provides you with the basic skills required to successfully administer a sport and/or Physical Education Program.
Hours: 56 hrs (3-1)
Credits: 3

KNES 255 • Biomechanics
Prerequisite: KNES 261 or BIOL 275 & BIOL 277
Corequisite: KNES 265 or permission of Dean
Recommended Background: PHYS 20 & MATH 30
An introduction to the biomechanics of movement. Both qualitative and quantitative approaches are used in the study of key biomechanical concepts and principles as they are applied to sport and exercise.
Hours: 70 hrs (3-2)
Credits: 4

KNES 260 • Introduction to Coaching
Coaching theory, incorporating components of the National Coaching Certification Program, is part of this course. This class has supplemental costs for certification requirements. Students will complete the National Coaching Certification Program (NCCP)

KNES 264 • History and Philosophies of Physical Education, Sports and Recreation
A study of the philosophies and the development of physical education, sport, recreation and athletics from ancient to modern times. The Canadian setting is emphasized. NOTE: Students cannot receive credit for both KNES 264 and HPED 1010.
Hours: 42 hrs (3-0)
Credits: 3

KNES 265 • Functional Anatomy
Prerequisite: KNES 261
The application of anatomical and mechanical principles as they relate to human movement in sport, physical education, and daily activities. The focus will be on incorporating knowledge associated with the skeletal, muscular, and nervous systems to perform in-depth analyses of various movement situations.
Hours: 70 hrs (3-2)
Credits: 4

Available On-Site and in a Distributed Learning Format

KNES 281 • Introduction to Movement Activities of Children and Youth
Introduction to the theory and practice of instruction in physical activity settings, instructional techniques are applied to a variety of activities and environments in order to enhance the development of instructional skills that can promote skill learning.
Hours: 56 hrs (2-2)
Credits: 3

KNES 290 • Growth and Development
Study of the sequential changes in physical growth and motor development with emphasis on individual differences.
Hours: 70 hrs (3-2)
Credits: 4

KNES 373 • Exercise Physiology
Prerequisite: PHSL 370
Corequisite: PHSL 371
This course will provide an overview of acute physiological responses and chronic adaptations to exercise. Focus will be on the nervous, muscular, cardiovascular and respiratory systems as well as the effects of exercise and training on the human body as a whole.
Hours: 84 hrs (3-3)
Credits: 4
LING (Linguistics)

LING 201 • Introduction to Linguistics I
This course provides a survey of basic linguistic concepts, including universals of language, linguistic rules, articulatory phonetics, the phonology of English and other languages, words and meaning, and the formation of sentences. NOTE: Students cannot receive credit for both LING 201 and LING 1111.

Hours: 42 hrs (3-0)
Credits: 3

LING 203 • Introduction to Linguistics II
Prerequisite: LING 201
This course focuses on language in historical and social contexts; writing systems; language change; language families and areas; elements of sociolinguistics/psycho linguistics; and Canadian bilingualism. NOTE: Students cannot receive credit for both LING 203 and LING 1113.

Hours: 42 hrs (3-0)
Credits: 3

LING 1111 • The Nature of Language I
This course provides a survey of the field of theoretical linguistics: its content, techniques and objectives through the solution of problems from selected languages. Topics include articulatory phonetics and phonology; words and their meaning; and the formation of sentences. This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College. NOTE: Students cannot receive credit for both LING 201 and LING 1111.

Hours: 42 hrs (3-0)
Credits: 3

LING 1113 • The Nature of Language II
Prerequisite: LING 201 or LING 1111
This course provides a survey of the field of applied linguistics; its content, techniques and objectives. Topics include language in historical and social context; language change and variation; language families; writing systems; language acquisition; and psycholinguistics. This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College. NOTE: Students cannot receive credit for both LING 1113 and LING 203.

Hours: 42 hrs (3-0)
Credits: 3

LSCM (Logistics and Supply Chain Management)

LSCM 3403 • Operations Management
Prerequisite: MGMT 284 or STAT 251
This course is a survey of the decision processes in production and operations management, and the relationship to other business areas. Topics covered include forecasting, product and service design, capacity planning, waiting line models, facility location and layout, process selection, design of work systems, linear optimization, quality inspection and control, life cycle management, inventory management, aggregate planning, material requirements planning, project operations management, and operation scheduling. Third and Fourth years of the BBA program are Mt. Royal University courses. The numbering system is based upon their guidelines. Students register through Medicine Hat College. NOTE: Students cannot receive credit for both LSCM 3403 and MGMT 440.

Hours: 42 hrs (3-0)
Credits: 3

MATH (Mathematics)

MATH 007 • Developmental Math Skills
Prerequisite: Placement in the appropriate level is based on an assessment evaluation. In order to register in the course, you must have the approval of the instructor.
This course is designed to provide you with basic skills in arithmetic. Topics may include basic arithmetic operations, fractions, decimals, and an introduction to solving equations.

Hours: 84 hrs (6-0)
Credits: 4

MATH 008 • Fundamental Math Skills
Prerequisite: Placement in the appropriate level is based on an assessment evaluation. In order to register in the course, you must have the approval of the instructor.
This course is designed to give you a review of basic skills in arithmetic and extend the concepts learned in MATH 007. Topics may include basic arithmetic operations, fractions, decimals, solving equations, ratios, and percents.

Hours: 84 hrs (6-0)
Credits: 4

MATH 009 • Intermediate Math Skills
Prerequisite: Placement in the appropriate level is based on an assessment evaluation. In order to register in the course, you must have the approval of the instructor.
This course is designed to give you a review of basic skills in arithmetic and extend the concepts learned in MATH 008. Topics may include basic arithmetic operations, fractions, decimals, ratios, percent, measurement, geometry, real numbers and an introduction to algebra. Upon successful completion of MATH 009, you will be prepared to proceed to MATH 010R, MATH 010FN, or MATH 010.

Hours: 84 hrs (6-0)
Credits: 4
MATH 010 • Introductory Algebra  
Prerequisite: 1) A grade of A or higher in MATH 009 or equivalent, OR 2) a grade of B or higher in MATH 010R  
This course has the transfer equivalency of Alberta Education’s MATH 10C and consists primarily of the topics in the MATH10C program. Topics include the real number system, linear equations and inequalities, linear systems and graphing, and polynomials. Rational expressions, radicals, quadratic equations, and trigonometry will be introduced.  
Hours: 84 hrs (6-0)  
Credits: 4  
Available On-Site and in a Distributed Learning Format

MATH 010FN • Introductory Math Foundations  
Prerequisite: 1) A grade of A or higher in MATH 009 or equivalent, OR 2) Successful completion of MATH 010R or equivalent  
This is the first course in the MATH 010FN/020FN/030FN sequence. Topics include a review of number skills, geometry and measurement, radicals, polynomials and factoring, coordinate geometry, and trigonometry.  
Hours: 84 hrs (6-0)  
Credits: 4  
Available On-Site and in a Distributed Learning Format

MATH 010R • Preparation for MATH 010/MATH 010FN  
Prerequisite: Successful completion of MATH 009 or equivalent  
This course provides you with the basic numerical and algebraic skills necessary to succeed in either MATH 010 or MATH 010FN. Topics include number concepts and operations, equations and inequalities, polynomials and factoring, coordinate geometry, and trigonometry.  
Hours: 84 hrs (6-0)  
Credits: 4  
Available On-Site and in a Distributed Learning Format

MATH 020 • Intermediate Math  
Prerequisite: MATH 010 or equivalent  
This course has the transfer equivalency of Alberta Education’s MATH 20-1 and consists primarily of the topics in the MATH 20-1 program. Topics at this level include linear equations and inequalities, graphs and functions, linear systems, polynomials, rational expressions, radicals, exponents, and quadratics.  
Hours: 84 hrs (6-0)  
Credits: 4  
Available On-Site and in a Distributed Learning Format

MATH 020FN • Intermediate Math Foundations  
Prerequisite: MATH 010FN or MATH 010 or equivalent  
This is the second course in the MATH 010FN/020FN/030FN sequence. This course has the transfer equivalency of MATH 20-2 and consists primarily of the topics found in the MATH 20-2 program. The content covered includes a review of operations on real numbers, equations and inequalities, coordinate geometry, trigonometry, polynomials and factoring, and quadratic equations.  
Hours: 84 hrs (6-0)  
Credits: 4  
Available On-Site and in a Distributed Learning Format

MATH 030 • Algebra and Trigonometry  
Prerequisite: MATH 020 or equivalent  
This course has the transfer equivalency of MATH 30-1 and consists primarily of the topics found in the current MATH 30-1 program. The content includes a review of basic concepts and a study of some special functions and conic sections. The functions of special interest are polynomial, exponential, logarithmic and trigonometric.  
Hours: 84 hrs (6-0)  
Credits: 4  
Available On-Site and in a Distributed Learning Format

MATH 030FN • Senior Math Foundations  
Prerequisite: MATH 020FN or MATH 020 or equivalent  
This is the last course in the MATH 010FN/MATH 020FN/MATH 030FN sequence. This course has the transfer equivalency of MATH 30-2 program. The content covered includes a review of basic algebra, equations and inequalities, rational expressions, polynomials and factoring, functions and graphing, logarithms and exponential functions, and probability.  
Hours: 84 hrs (6-0)  
Credits: 4  
Available On-Site and in a Distributed Learning Format

MATH 031 • Introduction to Calculus  
Prerequisite: MATH 030 or equivalent  
This course has the transfer equivalency of Alberta Education’s Math 31 and consists primarily of the topics in the MATH 31 program. This course is designed to prepare you for courses such as MATH 202, MATH 203, MATH 221, and CHEM 201. Topics include a pre-calculus review, limits, differentiation, applications of differentiation, and an introduction to integration.  
Hours: 84 hrs (6-0)  
Credits: 4  
Available On-Site and in a Distributed Learning Format

MATH 150 • Technical Math  
An introductory mathematics course for engineering technicians. Elementary algebra, geometry, and trigonometry will be introduced to prepare students to solve mathematical problems at a technician level. Students will learn and employ mathematical strategies such as models, geometric representations, formulas, algebraic equations, descriptive statistical methods and mathematical reasoning.  
Hours: 70 hrs (5-0)  
Credits: 4

MATH 160 • Mathematical Literacy for the 21st Century  
Prerequisite: MATH 30-1 or MATH 30-2  
Mathematics often comes to us as pre-packaged collections of abstract concepts, words, symbols, relations, and manipulations. Typically, individuals memorize “one-size-fits-some” algorithms but remain perplexed at how, when, or why these methods work. This course tracks the historical and conceptual foundations of mathematics with a view to understanding mathematics as a language and way of thinking and discovering its relevance to our world.  
Hours: 56 hrs (3-1)  
Credits: 3
MATH 202 • Elementary Calculus I
Prerequisite: MATH 30-1 or equivalent
A review of analytical geometry, functions and graphs. Differentiation and integration of polynomial, trigonometric, exponential and logarithmic functions; applications including curve sketching and optimization; and the fundamental theorem of calculus are featured.
Hours: 56 hrs (4-0)
Credits: 3

MATH 203 • Elementary Calculus II
Prerequisite: MATH 202 or MATH 203
Topics of this course include: A review of analytical geometry, functions and graphs; differentiation and integration of polynomial, trigonometric, exponential and logarithmic functions; applications including curve sketching and optimization; and the fundamental theorem of calculus. NOTE: Credit not given if credit for MATH 202 completed.
Hours: 42 hrs (3-0)
Credits: 3

MATH 221 • Linear Algebra
Prerequisite: 1) a grade of 70% or higher in MATH 30-1, or, 2) a grade of 60% or higher in MATH 31, or, 3) MATH 202 or MATH 203 or AMAT 217.
Topics of this course include systems of equations and matrices, vector geometry in two and three dimensions, vectors in n-space, matrix algebra and determinants. Introduction to linear transformations; complex numbers, eigenvalues, eigenvectors; orthogonality; and applications in the physical science.
Hours: 56 hrs (4-0)
Credits: 3

MATH 271 • Discrete Mathematics
Prerequisite: MATH 221
This course features sets and relations; functions; induction; counting, recurrence and trees; symbolic logic; graphs; and applications.
Hours: 56 hrs (4-0)
Credits: 3

MATH 311 • Linear Methods II
Prerequisite: MATH 221
This course features: vector spaces and subspaces; linear independence; matrix representation of linear transformations; eigenvalues and eigenvectors; quadratic forms; inner products; and Gram-Schmidt orthogonalization. This course is available as a directed study course. For more information, consult the Dean of Science.
Hours: 56 hrs (3-1T)
Credits: 3

MATH 331 • Calculus and Linear Algebra
Prerequisite: MATH 204
A brief introduction to linear algebra, this course features calculus of functions of several variables and an introduction to vector analysis. NOTE: Credit is allowed for only one of MATH 331, MATH 353 or AMAT 309. This course is available as a directed study course. For more information, consult the Dean of Science.
Hours: 56 hrs (3-1T)
Credits: 3

MATH 349 • Calculus III
Prerequisite: MATH 204 & MATH 221
This course features parametric curves, polar coordinates, and differentiation and integration of vector-valued functions; infinite sequences and series as well as Taylor polynomials; vector geometry; the functions of several variables; differentiation, implicit functions, extreme values, and double and triple integration; and applications. This course is available as an independent study course. For more information, consult the Dean of Science.
Hours: 56 (4-0)
Credits: 3

MGMT (Management)

MGMT 161 • Management Theory
Focus of this course is on the management functions of planning, organizing, leading and controlling within the context of today's dynamic and changing world. Specific topics include strategic planning, decision making, organizational design, staffing, motivation, and ethics.
Hours: 42 hrs (3-0)
Credits: 3

MGMT 193 • Business Problems Software Applications
This course is designed to challenge you to think critically and to find effective solutions to realistic business problems. You will use contemporary and integrated software applications including Microsoft Office as the tools to analyze business problems for decision making. NOTE: Students cannot receive credit for both MICO 193 and MGMT 193.
Hours: 70 hrs (0-5)
Credits: 4

MGMT 230 • Management Principles for Power Engineers
Course focuses on three components of management for power engineers. The first component provides an overview of the general elements of management and touches on topics such as planning, decision-making, human resource management, and communications. The second component addresses the management of plant maintenance and covers topics such as preventative and corrective maintenance, scheduling, and plant budgeting. The last section focuses on the processes and management of plant safety.
Hours: 42 hrs (3-0)
Credits: 3

MGMT 243 • Human Resource Management
This course examines a range of topics essential to effective management of human resources in today's organizations. Topics include job analysis, performance appraisal, employee selection, training, compensation, and labour relations.
Hours: 42 hrs (3-0)
Credits: 3
MGMT 250 • Hotel and Resort Management
Prerequisite: MGMT 161 or MGMT 263 & Second Year Standing
This course examines a range of topics essential to effective management of hotel and resort operations. Topics include guest services, the role of the general manager, accounting, revenue management, front office, housekeeping, and property operations and maintenance.
Hours: 42 hrs (3-0)
Credits: 3

MGMT 252 • Food and Beverage Management
Prerequisite: MGMT 161 or MGMT 264 & Second Year Standing
This course builds on basic management theory as it relates to the restaurant industry. Topics covered include restaurant management, marketing, service-delivery, menu creation, site selection, and interior design. The topic of cost control is also introduced.
Hours: 42 hrs (3-0)
Credits: 3

MGMT 254 • Introduction to Tourism Marketing
Prerequisite: MKTG 171
This course covers the basic principles of marketing, specifically focusing on the tourism and hospitality industry. Central to the course is understanding key components of marketing, information systems, marketing research, consumer behavior, pricing and promotion, components of the marketing plan, and destination marketing.
Hours: 42 hrs (3-0)
Credits: 3

MGMT 256 • Organizational Behaviour
A behavioral approach to the understanding of people who influence the workings of organizations. Topics of study include team dynamics, motivation, communication, leadership, decision-making, and organizational culture.
Hours: 42 hrs (3-0)
Credits: 3

MGMT 267 • Leadership Development
Prerequisite: MGMT 161 or MGMT 263 & Second Year standing
This course provides an introduction to leadership issues and focuses on developing knowledge and capacities that contribute to leadership success. This course assumes a personal level of interest in the subject: the purpose in learning about leaders and leadership is to enable you to become a better leader. The focus is not so much on leadership in terms of content, but more so about leadership processes and in developing your self-confidence and the skills necessary to lead. Topics include knowledge of leadership techniques and theories, teamwork, learning styles, values, personal needs, behavioral styles, individual and group conflict, and supportive communications. NOTE: Students cannot receive credit for both MGMT 267 and MGMT 4431.
Hours: 42 hrs (3-0)
Credits: 3

MGMT 268 • Business Integration
Prerequisite: (ACCT 113 or ACCT 321) & MGMT 161 & second year standing
Business Integration is the study of general management. The general manager’s primary responsibility is the direction and performance of an organization as a whole. The pervasive concept in the Business Integration course is that of strategy as a general management tool to guide the survival, growth and profitability of an enterprise. The case analysis approach is used extensively to uncover the social, political, and competitive environments faced by organizations in developing viable strategic choices.
Hours: 42 hrs (3-0)
Credits: 3

MGMT 270 • The Entrepreneurial Experience
This highly experiential course develops an understanding of entrepreneurship and builds awareness of the experiences an entrepreneur will have in the real world. You will be exposed to industry entrepreneurs and participate in entrepreneurial competitions. A framework of entrepreneurial attitudes, behaviors and skills will be examined based on current entrepreneurial research and practices observed in industry. Entrepreneurial experiences are explored in developing and industrial nations, in new and existing companies and in non-profit settings. NOTE: Students cannot receive credit for both MGMT 270 and MGMT 215. NOTE: Students cannot receive credit for both MGMT 270 & ENTR 2301.
Hours: 42 hrs (3-0)
Credits: 3

MGMT 278 • Business Information Systems
Prerequisite: ACCT 113 or ACCT 321
This course focuses on the role of information technology in an organization and its application to business problems. Techniques for designing, implementing and managing information systems are presented. Topics covered include hardware and software, file
management, database organization, networking and telecommunications, systems development and design, flowcharting, system security, backup and recovery, and artificial intelligence.

NOTE: Students cannot receive credit for both MGMT 326 and MGMT 3265.

Hours: 42 hrs (3-0)

Credits: 3

MGMT 330 • Global Business Environment
An introduction to the field of international business: national economic, political and cultural differences; the issues surrounding globalization; the role of international institutions in facilitating international trade; international trade agreements; the international monetary system; current international business trends and developments. The course will stress Canada’s place in the global economy and the challenges Canadian businesses face in doing international business. NOTE: Students cannot receive credit for both MGMT 330 and INBU 3301.

Hours: 42 hrs (3-0)

Credits: 3

MGMT 395 • Business Law
An analysis of the legal framework of law that establishes the basis for rules of conduct among business people and that influences business policy, this course seeks to develop insight into the functions of the law as a system of social thought and economic development. Course deals with the importance and role of law in society, the legal system of Canada, private property and contract, and legal attitudes toward business. Tort, contract, and law of negotiable instruments are emphasized.

Hours: 42 hrs (3-0)

Credits: 3

MGMT 440 • Operations Management
Prerequisite: MGMT 284 or STAT 251
This course is a survey of the decision processes in production and operations management, and the relationship to other business areas. Topics covered include forecasting, product and service design, capacity planning, waiting line models, facility location and layout, process selection, design of work systems, linear optimization, quality inspection and control, life cycle management, inventory management, aggregate planning, material requirements planning, project operations management, and operation scheduling. NOTE: Students cannot receive credit for both MGMT 440 and LSCM 3403.

Hours: 42 hrs (3-0)

Credits: 3

MGMT 443 • Business Plan Development
Prerequisite: ACCT 215 & (MGMT 161 or MGMT 270) & MKTG 171
You will be able to prepare and present a solid business plan for new or existing enterprise. Areas covered will include identifying and assessing opportunities, developing a winning strategy, identifying resource requirements and selling the plan to financing sources. NOTE: Students cannot receive credit for both MGMT 443 and ENTR 4433.

Hours: 42 hrs (3-0)

Credits: 3

MGMT 533 • Strategic Management
Prerequisite: ACCT 215 & FINA 255 & MGMT 243 & MGMT 263 & MKTG 171
Prerequisite or Corequisite: MGMT 440
This capstone course develops the conceptual and applied skills associated with analyzing a competitive situation from a general management point of view. It addresses issues affecting the fundamental direction of the firm, considers the formulation and implementation of strategy, focuses on the extent to which different aspects of the firm fit with key environmental forces, and discusses the organization’s ability to leverage its unique core competencies. The course views the organization holistically and, as such, goes beyond the mere integration of specific organizational functions. NOTE: Students cannot receive credit for both MGMT 533 and MGMT 5333.

Hours: 42 hrs (3-0)

Credits: 3

MGMT 3265 • Management Information Systems
Prerequisite: ACCT 113 or ACCT 321
This course focuses on the role of information technology in an organization and its application to business problems. Techniques for designing, implementing and managing information systems are presented. Topics covered include hardware and software, file management, database organization, networking and telecommunications, systems development and design, flowcharting, system security, backup and recovery, and artificial intelligence.

This course is a Mount Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College. NOTE: Students cannot receive credit for both MGMT 3265 and MGMT 326.

Hours: 42 hrs (3-0)

Credits: 3

MGMT 4431 • Leadership Development
Prerequisite: MGMT 263
Introduction to leadership issues and focuses on developing knowledge and capacities that contribute to leadership success. This course assumes a personal level of interest in the subject: the purpose in learning about leaders and leadership is to enable you to become a better leader. The focus is not so much on leadership in terms of content, but more so about leadership processes and in developing your self-confidence and the skills necessary to lead. Topics include knowledge of leadership techniques and theories, teamwork, learning styles, values, personal needs, behavioral styles, individual and group conflict, and supportive communications. Third and Fourth years of the BBA program are Mount Royal University courses. The numbering system is based upon their guidelines. Students register through Medicine Hat College. NOTE: Students cannot receive credit for both MGMT 4431 and MGMT 267.

Hours: 42 hrs (3-0)

Credits: 3
MGMT - MKTG

MGMT 5333 • Strategic Management
Prerequisite: (ACCT 215 or ACCT 323 or ACCT 3224) & FINA 255 & MKTG 243 & MKTG 263 & MKTG 171
Prerequisite or Corequisite: MGMT 440 or LSCM 3403
This capstone course develops the conceptual and applied skills associated with analyzing a competitive situation from a general management point of view. It addresses issues affecting the fundamental direction of the firm, considers the formulation and implementation of strategy, focuses on the extent to which different aspects of the firm fit with key environmental forces, and discusses the organization's ability to leverage its unique core competencies. The course views the organization holistically and, as such, goes beyond the mere integration of specific organizational functions. Third and Fourth years of the BBA program are Mt. Royal University courses. The numbering system is based upon their guidelines. Students register through Medicine Hat College. NOTE: Students cannot receive credit for both MGMT 5333 and MGMT 533.
 Hours: 42 hrs (3-0)
Credits: 3

MICO (Microcomputers)

MICO 191 • Introduction to Microcomputers
This course provides an overview of commercial business software packages, with emphasis on word-processing, spreadsheet, database, and presentation software. An introduction to the Internet is also included. It is recommended that if you are registering in MICO 191 you have a minimum keyboarding speed of 20 wpm. NOTE: Students cannot receive credit for both MICO 191 and COMP 1103.
 Hours: 42 hrs (3-0)
Credits: 3
Available On-Site and in a Distributed Learning Format

MKTG (Marketing)

MKTG 171 • Marketing
Introductory look at the concepts and activities involved in the marketing of goods and services. Central to the course is understanding the marketing mix variables of product, pricing, promotion, and distribution. Other topics include consumer behavior, marketing research, and the strategic marketing process.
 Hours: 42 hrs (3-0)
Credits: 3

MKTG 206 • Advertising and Promotions
Prerequisite: MKTG 171 or 3rd year standing in Visual Communications Program
Introduction to the fast changing field of advertising and promotion. While advertising is a primary focus of the course, it is but one element of a larger integrated marketing communications perspective. Course content includes the role of advertising and promotion in marketing, communication theories and models of how consumers respond to advertising, creative strategy, media planning, and promotional tools including sales promotion, publicity, and direct marketing.
 Hours: 42 hrs (3-0)
Credits: 3

MKTG 208 • Professional Selling Skills
This course is designed to provide the fundamental knowledge of the principles and skills required by today's salesperson. Lectures on such subjects as qualifying prospects, making forceful sales presentations, and building long term relationships with clients will be supplemented by case studies, class discussions, and student sales presentations.
 Hours: 42 hrs (3-0)
Credits: 3

MKTG 271 • Consumer Behaviour
Prerequisite: MKTG 171
Developed to follow MKTG 171, this course concentrates on the area of consumer marketing as follows: Market classification, the Canadian market, customer analysis, marketing management and consumer preparation, attitudes, and reaction.
 Hours: 42 hrs (3-0)
Credits: 3

MKTG 272 • Marketing Research
Prerequisite: MKTG 284 & MKTG 171
A study of the methodology of problem definition, data collection, analysis of data, and presentation of results for problems in the area of marketing. Research methods that can be utilized in all functions of business are outlined, with an emphasis on the marketing function. Specific areas of marketing research (including product research and advertising research) are discussed.
 Hours: 42 hrs (3-0)
Credits: 3

MKTG 280 • International Business and Culture
Prerequisite: MKTG 171 or permission of the Dean
Designed to provide specific knowledge about particular countries, this course presents an opportunity for an international experience, including the study of the business culture, competitive opportunities and challenges in these locations. Fee approximately $4500 (dependant on destination).
 Hours: 70 hrs (17.5 - 0) 4 wks
Credits: 4

MKTG 315 • Science of Persuasion
Prerequisite: MKTG 171
Marketing ultimately hinges on the ability to comprehend human motivation in order to understand the attitudes and behaviours of people and organizations. In this course, students investigate the theory and practice of persuasion, learning to use these concepts to develop persuasive and compelling stories in visual, verbal and written formats. NOTE: Students cannot receive credit for both MKTG 315 and MKTG 3150.
 Hours: 42 hrs (3-0)
Credits: 3

MKTG 325 • Evidence-Based Marketing
Prerequisite: MKTG 171
This course explores the goals of evidence-based marketing and essential methodologies used to gain insight. Students will have the opportunity to learn how to support effective marketing decisions through focused marketing research and analysis. A key outcome of this course is the initial development of a student’s marketing portfolio. NOTE: Students cannot receive credit for both MKTG 325 or MKTG 3258.
 Hours: 42 hrs (3-0)
Credits: 3
MKTG 345 • Managing Marketing Relationships  
**Prerequisite:** MKTG 171 or MKTG 325

Business success depends on relationships with diverse groups of people, including customers, employees, shareholders, suppliers, distribution partners, communities and regulators. In this course students will learn to identify, evaluate and prioritize these relationships. This will include areas of study such as social exchange theory, market segmentation and network analysis.

NOTE: Students cannot receive credit for both MKTG 345 and MKTG 3458.

**Hours:** 42 hrs (3-0)

**Credits:** 3

MKTG 355 • Creating Brand Intelligence  
**Prerequisite:** MKTG 315 or MKTG 171 or 3rd year standing in the Visual Communications Program

Meaningful marketing campaigns are developed through a trans-disciplinary, rigorous, and creatively-driven process. In this course, students are immersed in the deconstruction, critique and reconstruction of the creative and emotional potential of existing marketing assets.

Using Brand Intelligence tools and techniques, student then reframe, redesign, rewrite and develop new narrative elements for extraordinary advertising and promotion campaigns.

NOTE: Students cannot receive credit for both MKTG 355 and MKTG 3550.

**Hours:** 42 hrs (3-0)

**Credits:** 3

MKTG 358 • Navigating Marketing Trends  
**Prerequisite:** MKTG 325 or MKTG 3258

The marketer’s ability to understand complex issues today and anticipate change in the future drives competitive advantage. In this course students will learn to determine the relevant contextual variables that impact strategy, such as the size and culture of the business, the nature of the industry, the competitive dynamics, and the relevant political, legal, social and technological trends.

NOTE: Students cannot receive credit for both MKTG 358 and MKTG 3558.

**Hours:** 42 hrs (3-0)

**Credits:** 3

MKTG 3258 • Evidence-Based Marketing  
**Prerequisite:** MKTG 171

This course explores the goals of evidence-based marketing and essential methodologies used to gain insight. Students will have the opportunity to learn how to support effective marketing decisions through focused marketing research and analysis. A key outcome of this course is the initial development of a student’s marketing portfolio.

This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College but pay MRU fees.

NOTE: Students cannot receive credit for both MKTG 3258 and MKTG 325.

**Hours:** 42 hrs (3-0)

**Credits:** 3

MKTG 3458 • Managing Marketing Relationships  
**Prerequisite:** MKTG 325 or MKTG 3258

Business success depends on relationships with diverse groups of people, including customers, employees, shareholders, suppliers, distribution partners, communities and regulators. In this course students will learn to identify, evaluate and prioritize these relationships. This will include areas of study such as social exchange theory, market segmentation and network analysis.

This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College but pay MRU fees.

NOTE: Students cannot receive credit for both MKTG 3458 and MKTG 345.

**Hours:** 42 hrs (3-0)

**Credits:** 3

MKTG 3550 • Creating Brand Intelligence  
**Prerequisite:** MKTG 315 or MKTG 3150

Meaningful marketing campaigns are developed through a trans-disciplinary, rigorous, and creatively-driven process. In this course, students are immersed in the deconstruction, critique and reconstruction of the creative and emotional potential of existing marketing assets.

Using Brand Intelligence tools and techniques, student then reframe, redesign, rewrite and develop new narrative elements for extraordinary advertising and promotion campaigns.

This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College but pay MRU fees.

NOTE: Students cannot receive credit for both MKTG 3550 and MKTG 355.

**Hours:** 42 hrs (3-0)

**Credits:** 3

MKTG 3250 • Evidence-Based Marketing  
**Prerequisite:** MKTG 171

This course explores the goals of evidence-based marketing and essential methodologies used to gain insight. Students will have the opportunity to learn how to support effective marketing decisions through focused marketing research and analysis. A key outcome of this course is the initial development of a student’s marketing portfolio.

This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College but pay MRU fees.

NOTE: Students cannot receive credit for both MKTG 3250 and MKTG 325.

**Hours:** 42 hrs (3-0)

**Credits:** 3

MKTG 3150 • Science of Persuasion  
**Prerequisite:** MKTG 171

Marketing ultimately hinges on the ability to comprehend human motivation in order to understand the attitudes and behaviours of people and organizations. In this course, students investigate the theory and practice of persuasion, learning to use these concepts to develop persuasive and compelling stories in visual, verbal and written formats.

This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College but pay MRU fees.

NOTE: Students cannot receive credit for both MKTG 3150 and MKTG 315.

**Hours:** 42 hrs (3-0)

**Credits:** 3

MKTG 3558 • Navigating Marketing Trends  
**Prerequisite:** MKTG 325 or MKTG 3258

The marketer’s ability to understand complex issues today and anticipate change in the future drives competitive advantage. In this course, students will learn to determine the relevant contextual variables that impact strategy, such as the size and culture of the business, the nature of the industry, the competitive dynamics, and the relevant political, legal, social and technological trends.

NOTE: Students cannot receive credit for both MKTG 3558 and MKTG 358.

**Hours:** 42 hrs (3-0)

**Credits:** 3
MUHL (Music History and Literature)

MUHL 209 • Music Past and Present
Directed listening to and study of important music of the past and present. Course is intended for non-majors.
Hours: 42 hrs (3-0)
Credits: 3

MUHL 211 • Music and the Humanities
Study of the interrelationship of music and the humanities in a broad cultural and historical framework. Course is intended for non-majors.
Hours: 42 hrs (3-0)
Credits: 3

MUPF (Music Performance)

MUPF 201 • Chamber Choir I
Prerequisite: Successful audition
Performance experience in the Chamber Choir.
Hours: 42 hrs (0-3A)
Credits: 1.5

MUPF 202 • Chamber Choir I
Prerequisite: Successful audition
Performance experience in the Chamber Choir.
Hours: 42 hrs (0-3A)
Credits: 1.5

MUPF 215 • Orchestra
Prerequisite: Successful audition
Performance experience in the Orchestra.
Hours: 42 hrs (0-3A)
Credits: 1.5

MUPF 216 • Orchestra
Prerequisite: Successful audition
Performance experience in the Orchestra.
Hours: 42 hrs (0-3A)
Credits: 1.5

NETW (Networking)

NETW 200 • Cisco Networking
Prerequisite: ITEC 170
This course will provide an introduction to Cisco based networking including Cisco devices and their configuration. You will learn how to configure a router, manage routing tables and configure various routing protocols.
Hours: 84 hrs (2-4)
Credits: 4

NETW 220 • Microsoft Server Technologies
Prerequisite: ITEC 170
This course teaches the implementation, deployment and support of current Microsoft client and server network operating systems. Topics include planning and implementation of Dynamic Host Configuration Protocol (DHCP), Domain Name System (DNS), and Routing in an Active Directory environment. The course will examine in detail, the TCP/IP protocol stack including the use of variable length subnet masks as well as an introduction to IPv6. Various Microsoft implementations of Network Address Translation (NAT) will also be examined.
Hours: 84 hrs (2-4)
Credits: 4

NETW 222 • Advanced Microsoft Server Technologies
Prerequisite: NETW 220
Advanced server management topics will include Windows Server Update Services (WSUS), performance monitoring and auditing, and remote access methods, including Virtual Private Networks (VPNs). You will learn the advanced configuration of network infrastructure services such as DNS, DHCP and group policy.
Hours: 84 hrs (2-4)
Credits: 4

NURS (Nursing)

NURS 285 • The Discipline and Profession of Nursing I: Foundational Professional Concepts
Corequisite: NURS 287 & NURS 288 & NURS 289
The study of concepts foundational to the profession and discipline of nursing. Exploration of concepts of complexity, transition, social justice, ethic of caring, health promotion and principles of population health. Emphasis on understanding the social commitments and contributions made by nursing within its professional scope of practice. And overview of the Canadian health care system.
Hours: 36 hrs (3-0) 12 wks
Credits: 3

NURS 287 • The Science of Health I: Communities and Populations
Corequisite: NURS 285 & NURS 288 & NURS 289
Determinants of health, health indices, principles and methods of epidemiology, and population-based health management are emphasized. Conduct of health surveys and use of population-based health data to identify health risk are addressed. Integration of concepts of microbiology and risk elevation related to ages and stages of the lifespan. Basic tenets of the meaning of evidence-based practice will be introduced.
Hours: 36 hrs (3-0) 12 wks
Credits: 3
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<td>NURS 385</td>
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- **Corequisites/Prerequisites** vary depending on the specific course. Please consult the University of Calgary course catalog for detailed information.
- **Credits** and **Hours** vary for each course.
- **Prerequisites** are required for courses beyond the first year, typically including courses from the previous years.

The University of Calgary offers a range of courses designed to prepare students for a career in nursing, focusing on various aspects of health care, professional roles, and research foundations. Each course builds upon the previous ones, integrating theoretical knowledge with practical skills in a simulated and real-world setting.
University of Calgary courses. The numbering system is based upon the guidelines of this institution. You must register through the University of Calgary - fees are charged by the University of Calgary.

**NURS 489** • Integrating Nursing Roles and Practices III: Learning, Praxis and Scholarship in the Practicum Setting
Prerequisites: NURS 385 & NURS 387 & NURS 388 & NURS 389 & Current CPR Basic Cardiac Life Support
Corequisites: NURS 485 & NURS 487 & NURS 488
Integration and application of theoretic knowledge in simulated and nursing practice settings. The focus in this course is nursing care of clients and families experiencing life-threatening health challenges. Development of skills of complex communication and relationship building, high-level assessment and clinical reasoning, and nursing care planning and implementation. Graded on a CR (Pass)/NC (Fail) basis. Third and Fourth Years of the Nursing program are University of Calgary courses. The numbering system is based upon the guidelines of this institution. You must register through the University of Calgary - fees are charged by the University of Calgary.

**Hours:** 36 hrs (3-0) 12 wks

**NURS 498** • Supporting Health IV: People With Chronic Health Challenges
Prerequisites: NURS 485 & NURS 487 & NURS 488 & NURS 489
Corequisites: NURS 495 & NURS 497 & NURS 499
Nursing practices in caring for the chronically ill. A focus on practices to achieve healthful transitions and preservation of quality of life are emphasized. Common treatment modalities are presented including nursing therapeutics and pharmacological approaches to management of common chronic diseases. Tertiary prevention is emphasized and concepts and approaches to ongoing health assessment, health education, self-management, harm reduction, support, restoration, and palliation are addressed. Third and Fourth Years of the Nursing program are University of Calgary courses. The numbering system is based upon the guidelines of this institution. You must register through the University of Calgary - fees are charged by the University of Calgary.

**Hours:** 36 hrs (3-0) 12 wks

**NURS 499** • Integrating Nursing Roles and Practices IV: Learning, Praxis and Scholarship in the Practicum Setting
Prerequisites: NURS 485 & NURS 487 & NURS 488 & NURS 489 & Current CPR Basic Cardiac Life Support
Corequisites: NURS 495 & NURS 497 & NURS 499
Integration and application of theoretic knowledge in simulated and nursing practice settings. Long-term nursing care of individuals, families and populations with chronic health challenges. Implementation of effective therapeutic relationships, complex assessments, reasoned clinical decision-making, client and family health education, client self-management and collaborative practice models. Graded on a CR (Pass)/NC (Fail) basis. Third and Fourth Years of the Nursing program are University of Calgary courses. The numbering system is based upon the guidelines of this institution. You must register through the University of Calgary - fees are charged by the University of Calgary.

**Hours:** 228 hrs

**NURS 495** • The Discipline and Profession of Nursing IV: Understanding the Challenges of Leadership and Systems of Care
Prerequisites: NURS 485 & NURS 487 & NURS 488 & NURS 489
Corequisites: NURS 497 & NURS 498 & NURS 499
This course explores knowledge related to the current health care system, systems of care responsive to the needs of clients with chronic health disruptions, and nursing roles of leadership and delegation. Evidence examining the efficacy of systems of care and the efficacy of nursing roles, practices, and contributions are highlighted. Examination of selected approaches to nursing research. Third and Fourth Years of the Nursing program are University of Calgary courses. The numbering system is based upon the guidelines of this institution. You must register through the University of Calgary - fees are charged by the University of Calgary.

**Hours:** 36 hrs (3-0) 12 wks

**NURS 497** • The Science of Health IV: People Experiencing Chronic Health Challenges
Prerequisites: NURS 485 & NURS 487 & NURS 488 & NURS 489
Corequisites: NURS 495 & NURS 498 & NURS 499
Experience of living with chronic health challenges, including common complications. Epidemiology, pathophysiology, diagnostic studies, complex physical and other nursing assessments relevant to common chronic health challenges, including mental health disorders. A holistic perspective is taken to examine the challenges of ongoing health management faced by populations of chronically ill individuals and their families. Third and Fourth Years of the Nursing program are University of Calgary courses. The numbering system is based upon the guidelines of this institution. You must register through the University of Calgary - fees are charged by the University of Calgary.

**Hours:** 36 hrs (3-0) 12 wks

**NURS 517** • Philosophy and Practice in Palliative Care
Prerequisites: NURS 495 & NURS 497 & NURS 498 & NURS 499
Corequisite: NURS 585 & NURS 589
Examination of the philosophy of palliative/hospice care, taught by faculty from many disciplines. An important focus includes the students’ self-exploration of their own beliefs, values, and attitudes about life, illness, death, and dying, and how this self-exploration shapes interactions with those we care for. Third and Fourth Years of the Nursing program are University of Calgary courses. The numbering system is based upon the guidelines of this institution. You must register through the University of Calgary - fees are charged by the University of Calgary.

**Hours:** 36 hrs (3-0) 12 wks

**NURS 541** • Using Research in Nursing Practice: Moving Evidence to Action
Prerequisites: NURS 495 & NURS 497 & NURS 498 & NURS 499
Corequisite: NURS 585 & NURS 589, plus three of NURS 544, NURS 545, NURS 546, NURS 547, NURS 549, NURS 551
Focus on implementation of evidence-informed practice in the
clinical practice setting. Builds on previous course work and leads to examining strategies to become a change agent and creating a culture conducive to engaging in evidence-informed practice. Third and Fourth Years of the Nursing program are University of Calgary courses. The numbering system is based upon the guidelines of this institution. You must register through the University of Calgary - fees are charged by the University of Calgary. NOTE: Students cannot receive credit for both NURS 541 and NURS 503.41.

Hours: 36 hrs (3-0) 12 wks

NURS 546 • Older Adult Nursing: Managing Complexity
Prerequisites: NURS 495 & NURS 497 & NURS 498 & NURS 499
Corequisite: NURS 585 & NURS 589, plus three of NURS 517, NURS 541, NURS 550, NURS 552, NURS 553
Develop the reasoning, knowledge and skills required to respond to the unique presentation of acute illness in older adults. The demystification of popular aging beliefs and related care practices offers students the opportunity to develop care that combines theory, best practice, research and experience in caring for individuals impacted by acute health crises as they age. Third and Fourth Years of the Nursing program are University of Calgary courses. The numbering system is based upon the guidelines of this institution. You must register through the University of Calgary - fees are charged by the University of Calgary. NOTE: Students cannot receive credit for both NURS 546 and NURS 503.46.

Hours: 36 hrs (3-0) 12 wks

NURS 547 • Perinatal Nursing Care: Emerging Trends and Issues
Prerequisites: NURS 495 & NURS 497 & NURS 498 & NURS 499
Corequisite: NURS 585 & NURS 589, plus three of NURS 517, NURS 541, NURS 550, NURS 552, NURS 553
Maternity and infant health is examined within the context of the family. The role of family centered nursing addressing wellness patterns and alterations in perinatal family health will be investigated from a multi-setting, multicultural and holistic perspective. Current perinatal trends will be addressed. Third and Fourth Years of the Nursing program are University of Calgary courses. The numbering system is based upon the guidelines of this institution. You must register through the University of Calgary - fees are charged by the University of Calgary. NOTE: Students cannot receive credit for both NURS 547 and NURS 503.47.

Hours: 36 hrs (3-0) 12 wks

NURS 549 • Addictions and Mental Health Care
Prerequisites: NURS 495 & NURS 497 & NURS 498 & NURS 499
Corequisite: NURS 585 & NURS 589, plus three of NURS 517, NURS 541, NURS 550, NURS 552, NURS 553
Re-conceptualizing mental health and addictions across the lifespan to prevent illness, and strengthen lifelong health and well-being. Critical analysis focuses on the ecological, socio-cultural, political, and complex health and illness situations with a view to furthering social justice. Core concepts include risk and resilience, brain plasticity, intergenerational transmission, cumulative burden, mental illness and addictions. Comprehensive assessment, intervention and prevention are highlighted with a view to leadership in practice. Third and Fourth Years of the Nursing program are University of Calgary courses. The numbering system is based upon the guidelines of this institution. You must register through the University of Calgary - fees are charged by the University of Calgary. NOTE: Students cannot receive credit for both NURS 549 and NURS 503.49.

Hours: 36 hrs (3-0) 12 wks

NURS 551 • Rural Health
Prerequisites: NURS 495 & NURS 497 & NURS 498 & NURS 499
Corequisite: NURS 585 & NURS 589, plus three of NURS 517, NURS 541, NURS 550, NURS 552, NURS 553
Using a social determinant of health perspective, an examination and solutions to health, health care beliefs, and health care challenges of people living in rural communities, as well as the strengths of rural communities. An exploration of the implications for rural health care theory, practice, education, ethics and research as well as geographical, historical, sociocultural, economic, and political variables that affect health. Multidisciplinary and international content and nursing practice experience in rural settings will also be explored. Third and Fourth Years of the Nursing program are University of Calgary courses. The numbering system is based upon the guidelines of this institution. You must register through the University of Calgary - fees are charged by the University of Calgary. NOTE: Students cannot receive credit for both NURS 551 and NURS 503.51.

Hours: 36 hrs (3-0) 12 wks

NURS 553 • Quality Care Practices: System and Patient Safety
Prerequisites: NURS 495 & NURS 497 & NURS 498 & NURS 499
Corequisite: NURS 585 & NURS 589, plus three of NURS 544, NURS 545, NURS 546, NURS 547, NURS 549, NURS 551
Building on knowledge of nursing and interdisciplinary practice specifically in the context of the provision of safe, quality health care. The changing focus from the individual nurse/patient to the larger health care system in relationship to safe, quality care. Integration of new concepts as they relate to a system approach to patient/client safety. Third and Fourth Years of the Nursing program are University of Calgary courses. The numbering system is based upon the guidelines of this institution. You must register through the University of Calgary - fees are charged by the University of Calgary. NOTE: Students cannot receive credit for both NURS 553 and NURS 503.43.

Hours: 36 hrs (3-0) 12 wks

NURS 585 • The Discipline and Profession of Nursing V: Preparing for Professional Role Transition
Prerequisites: NURS 495 & NURS 497 & NURS 498 & NURS 499
Corequisites: NURS 589 & two senior nursing course options
This course focuses on the integration of senior students into the environment of professional nursing practice with an evidence-informed emphasis on the essentials of leadership, relational and practice ethics, effective inter and intra-professional collaboration, communication and conflict management for the purpose of facilitating a healthy transition to the role of a new graduate professional nurse within a contemporary health-care climate. Third and Fourth Years of the Nursing program are University of Calgary
NURS - OPTA

NURS 589 • Integrating Nursing Roles and Practices V: Learning, Praxis and Scholarship in the Practicum Setting
Prerequisites: NURS 495 & NURS 497 & NURS 498 & NURS 499
Corequisites: NURS 585 & two senior nursing course options
This focused clinical experience, supported by two corequisite substantive nursing option theory courses, is aimed at refining critical thinking and competent use of theoretic frameworks and evidence to support clinical reasoning processes including: comprehensive assessment, holistic analysis and interpretation of client data, and competence and confidence in clinical decision-making. Students will choose a focused area of nursing practice. Third and Fourth Years of the Nursing program are University of Calgary courses. The numbering system is based upon the guidelines of this institution. You must register through the University of Calgary - fees are charged by the University of Calgary.
Hours: 228 hrs

NUTR (Nutrition)

NUTR 200 • Introduction to Nutrition
An introductory course designed to provide students with a basic understanding of the role of nutrition in health, disease & fitness. The course will cover both fundamental nutrition principles and practical applications. Current topics in the field will be examined critically. The overall goal of this course is to gain an understanding of individual nutrition needs as well as those of specialized populations. NOTE: Students cannot receive credit for both NUTR 200 and HPED 2507.
Hours: 42 hrs (3-0)
Credits: 3

OPTA (Occupational Therapist Assistant)

OPTA 215 • OTA Therapeutic Processes I
Prerequisite: A minimum of a C grade in OPTA 212
This course provides an introduction to occupational therapy as well as the role and skills required of an Occupational Therapist Assistant. Topics include the components and interventions related to the understanding and application of physical, cognitive, and affective/psychosocial elements of the person and the occupation of self-care. In-person lab attendance at Medicine Hat College or an affiliated site is required.
Hours: 84 hrs (3-3)
Credits: 4
Available On-Site and in a Distributed Learning Format

OPTA 216 • OTA Therapeutic Processes II
Prerequisite: A minimum of a C grade in OPTA 212
This course provides an advanced study of components and interventions related to the occupations of productivity and play & leisure with the goal of increasing the knowledge and skills required of an Occupational Therapist Assistant. Topics include assistive technology, joint protection, energy conservation, splinting and wheelchairs. In-person lab attendance at Medicine Hat College or an affiliated site required.
Hours: 84 hrs (3-3)
Credits: 4
Available On-Site and in a Distributed Learning Format

OPTA 217 • OTA Therapeutic Processes III
Prerequisite: A minimum of a C grade in OPTA 215 & OPTA 216 & PHTA 215 & PHTA 216 & TAPC 210
This course provides a five-week fieldwork placement, which provides the opportunity to integrate theory and practice under the supervision of an Occupational Therapist. Graded on a CR (Pass)/NC (Fail) basis.
Hours: 175 hrs (0-35P) 5 wks
Credits: 4
Available On-Site and in a Distributed Learning Format

OMGT (Office Management)

OMGT 235 • Work Experience III
Prerequisite: A minimum of a C grade in APRO 190 and acceptance into the Administrative Office Management Diploma program.
In Work Experience III, you will work in an office setting applying the skills you have acquired in the first year of your diploma program.
Hours: 42 hrs (0-3P)
Credits: 1.5

OMGT 237 • Work Experience IV
Prerequisite: A minimum of a C grade in OMGT 235 and acceptance into the Administrative Office Management Diploma program.
In Work Experience IV, you will work in an office setting applying the skills you have acquired from the Administrative Office Management Diploma program.
Hours: 42 hrs (0-3P)
Credits: 1.5

OPTA 212 • Principles and Techniques of Client Contact
Prerequisite: A minimum of a C grade in KINES 265 & TAPC 111 & TAPC 112 & TAPC 113
This course will provide an introduction to the knowledge and practice of fundamental interventions used by occupational therapist
assistants / physical therapist assistants working in rehabilitation. Topics include bed mobility, transferring, use of ambulation devices, wheelchairs, and range of motion. In-person lab attendance at Medicine Hat College or an affiliated site required

**Hours:** 60 hrs (3-1.25)

**Credits:** 3

Available On-Site and in a Distributed Learning Format

**OPTA 217 • OTA/PTA Therapeutic Processes IV**

**Prerequisite:** A minimum of a C grade in OCTA 215 & OCTA 216 & PHTA 215 & PHTA 216 & TAPC 210

This course provides a five-week fieldwork placement under the supervision of an Occupational Therapist and/or Physical Therapist to implement knowledge and skills of therapeutic interventions. Graded on a CR (pass) / NC (fail) basis.

**Hours:** 175 hrs (0-35P) 5 wks

**Credits:** 4

Available On-Site and in a Distributed Learning Format

**OPTA 218 • Career Preparation for the OTA/PTA**

**Prerequisite:** A minimum of a C grade in OCTA 215 & OCTA 216 & PHTA 215 & PHTA 216 & TAPC 210

This online course that provides the employment-seeking Occupational Therapist Assistant / Physical Therapist Assistant with knowledge, and skills necessary to enter the workplace, with a focus on the job search process. This course should be completed concurrently with a fieldwork course.

**Hours:** 14 hrs (1-0)

**Credits:** 1

Available in a Distributed Learning Format Only

**PARA (Paramedic)**

**PARA 100 • Foundations of Paramedic Practice I**

Introduction to the EMS system, its origins, and provincial, national, and international structure and organization. Emphasis is placed on developing understanding of the roles of various levels of practitioners. The course is focused on legal and ethical issues inherent in the EMS system. Professional responsibilities of the contemporary EMS practitioner are also considered.

**Hours:** 42 hrs (3-0)

**Credits:** 3

**PARA 115 • Professional Communications for Paramedics**

**Prerequisite:** BIOL 275 & IDST 100 & PARA 100

This course is focused on enhancing the written and oral communications for those entering the paramedic profession. There will be an emphasis on medical terminology, academic and professional writing (e.g. patient care reports) and case presentations.

**Hours:** 42 hrs (3-0)

**Credits:** 3

**PARA 120 • Foundations of Paramedic Practice II**

**Prerequisite:** BIOL 275 & IDST 100 & PARA 100

This course provides an introduction to the concepts and skills in peripheral intravenous insertion, fluid administration, introductory pharmacology and medication administration, cardiac monitoring, and ECG interpretation. Scene safety, triage, mass casualty response, communication systems, and transport techniques are also presented. Documentation, record management, and infection control procedures are also discussed.

**Hours:** 98 hrs (3-4)

**Credits:** 4

**PARA 125 • Assessment and Diagnostics**

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

This course provides an introduction to a systems based approach to gathering comprehensive health data from patients. The focus is on the development of skills for effective interview, examination, and evaluation techniques and on integration of assessment finding into treatment plans for patients experiencing medical and traumatic events.

**Hours:** 84 hrs (3-3)

**Credits:** 4

**PARA 130 • Introductions to Paramedic Management of Emergency Situations**

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

The focus of this course is the acquisition of knowledge and problem-solving skills essential for the care of various patient populations: scene assessment, patient management, and basic life support.

**Hours:** 112 hrs (4-4)

**Credits:** 4

**PARA 145 • Introduction to Primary Care Practice**

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

In this course, you are placed in various rural and urban clinical settings. Your focus is on the consolidation of previous learning and on development of critical skills necessary to function effectively as a health care provider. Physical assessment, history taking, and interventions are stressed. Graded On a CR (Pass)/NC (Fail) basis. NOTE: If you have an EMT-A/PCP certification from a CMA accredited program you may apply for transfer credit for this course.

**Hours:** 56 hrs (0-28C) 2 wks

**Credits:** 3

**PARA 150 • Primary Care Practice**

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

Under the supervision of an EMS provider, you refine and expand your cognitive and practical skills. In addition, you serve as team leader for a variety of calls. Graded on a CR (Pass)/NC (Fail) basis. NOTE: If you are from a CMA accredited program you must present proof of current employment as an EMT/PCP to apply for transfer credit.

**Hours:** 200 hrs (0-25P) 8 wks

**Credits:** 4.5

**PARA 200 • Introduction to Advanced Care**

**Prerequisite:** BIOL 277 & IDST 100 & KNES 247 & PARA 145 & PARA 150

Course enhances and builds upon existing theoretical base and on assessment and psychomotor skills to increase your depth of assessment, treatment, and communication skills.

**Hours:** 84 hrs (3-3)

**Credits:** 4
PARA 205 • Mental Health for First Responders  
Prerequisite: PARA 100  
The course will provide an overview of mental illness, the symptoms of the mental illnesses often presented in emergency services, and strategies for responding to with people who are experiencing symptoms of mental illnesses. The course will also provide information on work related stress, work place trauma, and self-care.  
**Hours:** 42 hrs (3-0)  
**Credits:** 3

PARA 210 • Advanced Critical Care Practice  
Prerequisite: PARA 205 & PARA 230 & PARA 240  
The focus of course is on continued synthesis of knowledge and skills in relation to patients experiencing chronic and acute alterations in health status. Experience occurs in a variety of clinical settings and under the direct supervision of appropriate practitioners and educators. NOTE: You are required to present registration with the ACP certification at the EMT or PCP level prior to practicum. Graded On a CR (Pass)/NC (Fail) basis.  
**Hours:** 182 hrs (0-13C)  
**Credits:** 7.5

PARA 215 • Pharmacology for the Prehospital Professional  
Prerequisite: PARA 150  
The focus of this course is a holistic approach to pharmacology. The course is designed to enhance critical thinking between the relationship of disease process and pharmacological management.  
**Hours:** 42 hrs (3-0)  
**Credits:** 3

PARA 220 • Paramedic Management of Trauma and Environmental Conditions  
Prerequisite: BIOL 277 & IDST 100 & KNES 247 & PARA 145 & PARA 150  
The focus of course is quick identification and treatment of life-threatening conditions, including recognition and evaluation of the mechanism of injury, performance of critical interventions, and rapid stabilization and transport.  
**Hours:** 77 hrs (2.5-3)  
**Credits:** 4

PARA 230 • Skills and Practice in Patient Modalities  
Prerequisite: PARA 200 & PARA 215 & PARA 220 & PHSL 200  
The focus of course is the advanced skills required for patient management in medical and trauma situations. Experience will occur in lab and clinical settings. Integration and enhancement of advanced patient assessments, diagnostics, and interventions are assessed.  
**Hours:** 84 hrs (3-3)  
**Credits:** 4

PARA 240 • Management of Special Population Groups  
Prerequisite: PARA 200 & PARA 215 & PARA 220 & PHSL 200  
The focus of this course is on development of knowledge, skills, and judgment to successfully care for patients experiencing unique health care challenges and is facilitated through lab and clinical experiences. Key concepts regarding pediatric, geriatric, obstetric, psychiatric, and other special need populations are presented.  
**Hours:** 84 hrs (3-3)  
**Credits:** 4

PARA 300 • Advanced Care Paramedic Practice I  
Prerequisite: PARA 210  
You begin to integrate ALS knowledge and skills into the delivery of patient care, under the direct supervision of a practicing paramedic. Emphasis is placed on the management of a variety of emergency calls. NOTE: You must show proof of EMT-A or PCP registration with the Alberta College of Paramedics prior to beginning the course. Graded On a CR (Pass)/NC (Fail) basis.  
**Hours:** 500 hrs (0-36P)  
**Credits:** 10.5

PARA 305 • Advanced Paramedic Care  
Corequisite: PARA 300  
The focus of this course is the management of the critically ill and injured patient. Learning concentrates on advanced cardiac life support (ACLS) techniques as well as care of the critically ill and injured pediatric patient (PALS). Management of the aeromedical patient and trauma patients, are also studied. NOTE: PALS, ACLS, ITLS & NRP certifications will be granted upon successful completion of this course.  
**Hours:** 60 hrs (30-0) 2 wks  
**Credits:** 3

PARA 310 • Advanced Care Paramedic Practice II  
Prerequisite: PARA 305  
Continue to expand on the cognitive and practical skills required of the professional paramedic, under the direct supervision of a practicing paramedic. Graded On a CR (Pass)/NC (Fail) basis. NOTE: You may opt to exit with a diploma upon successful completion of this course. NOTE: You are required to present registration with the ACP certification at the EMT or PCP level prior to practicum.  
**Hours:** 500 hrs (0-36P)  
**Credits:** 10.5

PARA 452 • EMS and the Canadian Health System  
Prerequisite: Paramedic (ACP) Diploma or Certificate  
This distance delivery course will introduce you to the history and development of the Canadian Health Care system. In addition, the course will extend your current understanding of health delivery systems and categories. It will also build on your present understanding of the recipients and providers of care.  
**Hours:** 39 hrs (3-0) 13 wks  
**Credits:** 3  
Available in Distributed Learning Format Only

PARA 453 • Community Focused Theory  
Prerequisite: Paramedic (ACP) Diploma or Certificate  
This course explores the concepts and models related to the focus of community as client - with an emphasis on dimensions of community and population health, health promotion perspectives, team building and partnerships, community assessment, planning and evaluation approaches, and intervention strategies. (You should be aware that this course is equivalent to NURS 453).  
**Hours:** 52 hrs (4-0) 13 wks  
**Credits:** 3  
Available in Distributed Learning Format Only
PARA 454 • Leadership in Health Care
Prerequisite: Paramedic (ACP) Diploma or Certificate.
Focus on professional and interpersonal relationships with an emphasis on leadership, interdisciplinary collaboration, and the management of EMS at the micro and macro levels.
Hours: 42 hrs (3-0)
Credits: 3
Available in Distributed Learning Format Only

PARA 455 • Research
Prerequisite: Paramedic (ACP) Diploma or Certificate
Completion of a statistics course is highly recommended.
Introduction to quantitative and qualitative research methods appropriate to health care, with an emphasis on the critique of studies for their application to practice.
Hours: 39 hrs (3-0) 13 wks
Credits: 3
Available in Distributed Learning Format Only

PARA 470 • Paramedic Work Term I
Prerequisite: PARA 452 & PARA 453 & PARA 454 & PARA 455 or permission of the Program Coordinator
This field study course will focus on a project that will apply and integrate knowledge from the prerequisite courses. The student will design the project which must be approved by the assigned instructor. The project must also meet the relevance and collaborative expectations of the student’s employer. Results of the project are submitted to the instructor and the work term employer. Graded on a CR (Pass)/NC (Fail) basis. Total tuition for this course is $814.16.
Hours: 4 mths (0-35P)
Credits: 15
Available in Distributed Learning Format Only

PARA 480 • Paramedic Work Term II
Prerequisite: PARA 470 & MGMT 243 & PHIL 313 & STAT 333
This field study course provides you further opportunity to apply concepts to the EMS industry. The work term is designed to allow you to develop and apply a project in leadership, education, or community health. The topic or focus is determined by the student in collaboration with the assigned instructor. The project must be approved by the student’s employer. The results of the project are submitted to the instructor and the work term employer. Graded on a CR (Pass)/NC (Fail) basis. Total tuition for this course is $814.16.
Hours: 4 mths (0-35P)
Credits: 15
Available in Distributed Learning Format Only

PEAC (Physical Activity Class)

PEAC 200 • Aquatics
Development of basic swimming strokes and aquatic skills equivalent to Red Cross Senior (white) level, this course is not intended for non-swimmers.
Hours: 42 hrs (0-3A)
Credits: 1.5

PEAC 210 • Strength Training
An introduction to the principles and methods in resistance training. Acquisition of theoretical and practical knowledge using various forms of resistance training. Emphasis will be based upon providing the student with leadership skills on resistance training techniques, lifting mechanics, program design and implementation.
Hours: 42 hrs (1-2)
Credits: 3

PEAC 211 • Basketball
Focus of course is the acquisition of basic skills and fundamentals of teamwork.
Hours: 42 hrs (0-3A)
Credits: 1.5

PEAC 218 • Soccer
Focus of course is the acquisition of basic skills and fundamentals of team play.
Hours: 42 hrs (0-3A)
Credits: 1.5

PEAC 228 • Cardiovascular Training
Course provides an opportunity to improve your levels of cardiovascular fitness through a variety of training methods. Theory is combined with activity, giving you an information base with which you are able to develop personalized training programs. You are expected to train both during and outside of the normally scheduled class time.
Hours: 42 hrs (1-2)
Credits: 3

PEAC 231 • Badminton
Focus of course is the development of introductory skills, strategies, and techniques.
Hours: 42 hrs (0-3A)
Credits: 1.5

PEAC 233 • Racquetball and Squash
Focus of course is the acquisition of basic skills and understanding of game strategies.
Hours: 42 hrs (0-3A)
Credits: 1.5

PEAC 235 • Tennis
Focus of course is the development of introductory skills, strategies, and techniques.
Hours: 42 hrs (0-3A)
Credits: 1.5

PEAC 237 • Volleyball
Focus of course is the acquisition of basic skills and the understanding of team play.
Hours: 42 hrs (0-3A)
Credits: 1.5

PEAC 245 • Golf
Focus of course is the acquisition of skills in the basic shots of golf and instruction in the rules, and etiquette of the game. You must provide your own equipment. NOTE: $45.00 is charged to cover the costs of green and range fees.
Hours: 42 hrs (0-3A)
Credits: 1.5
PEAC 256 • Yoga for Beginners
This course is designed to introduce students to fundamental yoga postures while developing a basic appreciation of yoga theory as it pertains to health and wellness.
Hours: 42 hrs (0-3A)
Credits: 1.5

PEAC 266 • Power Skating
Focus of course is the acquisition of skills in the basic elements of skating. You must provide your own skates, helmets, and sticks.
Hours: 42 hrs (0-3A)
Credits: 1.5

PEAC 270 • Track and Field
Focus of course is the development of basic skills and fundamentals in competitive track and field events.
Hours: 42 hrs (0-3A)
Credits: 1.5

PECA (Pre-Employment Carpentry)

PECA 001 • Pre-Employment Carpentry
Graded on a CR (Pass)/NC (Fail) basis.
Hours: 360 hrs

PEEL (Pre-Employment Electrical)

PEEL 001 • Pre-Employment Electrical
Graded on a CR (Pass)/NC (Fail) basis.
Hours: 360 hrs

PEPL (Pre-Employment Plumbing)

PEPL 001 • Pre-Employment Plumbing
Graded on a CR (Pass)/NC (Fail) basis.
Hours: 360 hrs

PEWE (Pre-Employment Welding)

PEWE 001 • Pre-Employment Welding
Graded on a CR (Pass)/NC (Fail) basis.
Hours: 360 hrs

PHIL (Philosophy)

PHIL 201 • Problems of Philosophy
Introduction to philosophy through the discussion of selected topics such as skepticism, perception, personal identity, free will and determinism, and God.
Hours: 42 hrs (3-0)
Credits: 3

PHIL 249 • Morality, Virtue, and Society
This course provides a first enquiry into the nature and justification of moral standards. NOTE: Students cannot receive credit for both PHIL 249 and PHIL 1149.
Hours: 42 hrs (3-0)
Credits: 3

PHIL 275 • Reason and Argument
An introduction to deductive and inductive techniques used in appraising arguments, this course contains some elementary formal logic, but its main focus will be on analyzing arguments as they occur in everyday life and ordinary language. An alternative to PHIL 279. NOTE: Not open to students with credit in PHIL 279.
Hours: 56 hrs (3-1T)
Credits: 3

PHIL 279 • Logic I
Sentential and first-order logic from both deductive and semantic points of view, and some elementary metatheorems are studied in this course.
Hours: 56 hrs (3-1T)
Credits: 3

PHIL 313 • Bioethics
A critical and analytical examination of ethical and legal problems arising in and about health care. Issues to be considered may include euthanasia, abortion, the conditions for withdrawal of treatment, the physician-patient relationship, research on human subjects, and genetic engineering. The course emphasizes the practical applications of ethical and legal theory. NOTE: Students cannot receive credit for both PHIL 313 and PHIL 2223.
Hours: 42 hrs (3-0)
Credits: 3

PHIL 319 • Philosophy of Law
This course is an investigation of philosophical accounts of the nature of law and legal systems, intended if you are interested in any facet of the legal system. Acquaints you with central concepts, issues, and themes in jurisprudence, such as descriptive theories of law and the relations between law and morality. NOTE: Students cannot receive credit for both PHIL 319 and PHIL 2219.
Hours: 42 hrs (3-0)
Credits: 3

PHIL 321 • Metaphysics
Prerequisite: Any 200-level university transfer course
An examination of such topics as categories, existence, persons, space, time, and necessity.
Hours: 42 hrs (3-0)
Credits: 3

PHIL 330 • Professional Ethics
Introduction to the ethical and conceptual issues which are inherent in the practice of professions. Questions such as, what does it mean to identify oneself as a ‘professional’, what special character issues arise for people engaged in professional practice, is there a difference between the moral issues one might face as a professional as opposed to the other roles one fills, are there special moral issues with respect to practice in multicultural settings, and how are the interests of the practitioner, client, and community related, will form the core of the course’s inquiry.
Hours: 42 hrs (3-0)
Credits: 3
PHIL 347 • Contemporary Moral Problems
A critical and analytic examination of some current moral issues is studied in this course. Topics investigated may include authority, religion in society, suicide, sexual morality, abortion, and the legal enforcement of morality, justice.
Hours: 42 hrs (3-0)
Credits: 3

PHIL 353 • Social and Political Philosophy
Prerequisite: Any 200-level university transfer course
In this course some of the fundamental issues in social and political thought are studied. Issues to be studied may include rights, justice, authority, equality, freedom, democracy, property, liberalism, the family, and communitarianism.
Hours: 42 hrs (3-0)
Credits: 3

PHIL 363 • Epistemology
Prerequisite: Any 200-level university transfer course
A study of some of the central problems in theory of knowledge and belief, empirical (perceptual and inductive) knowledge, a priori knowledge, appearance and reality, truth and skepticism.
Hours: 42 hrs (3-0)
Credits: 3

PHIL 367 • Philosophy of Science
This course provides an understanding of some of the fundamental principles of scientific enquiry. Topics include scientific explanation, theory, prediction, and confirmation. (Open to students in any discipline.)
Hours: 42 hrs (3-0)
Credits: 3

PHIL 382 • Philosophy and Pop Culture
This course brings philosophical reflection together with pop culture. It explores philosophical issues within pop culture (such as film, television, graphic novels, pop music, videos, social networks or advertising), as well as insights in philosophy about the nature of pop culture itself.
Hours: 42 hrs (3-0)
Credits: 3

PHIL 383 • Philosophy of Mind
Prerequisite: Any 200-level course in PHIL or permission of the Dean
This course is a philosophical study of topics such as thought, emotions, action and the will, mind-body identity, personal identity, and theories about the nature of mind.
Hours: 42 hrs (3-0)
Credits: 3

PHIL 399 • Topics in Philosophy
Prerequisite: Any 200-level course in PHIL or permission of the Dean
This course is a detailed examination of a topic or tradition in Anglo-American philosophy. In years when the course is being offered a detailed course outline giving the topic or tradition to be discussed will be available. This course may be repeated for credit.
Hours: 42 hrs (3-0)
Credits: 3

PHIL 1149 • Philosophy: Values and Ethics
This course provides an introduction to philosophy through a first enquiry into the nature and justification of moral standards. This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.
NOTE: Students cannot receive credit for both PHIL 1149 and PHIL 249.
Hours: 42 hrs (3-0)
Credits: 3

PHIL 2219 • Philosophy of Law
This course is an investigation of philosophical accounts of the nature of law and legal systems, intended if you are interested in any facet of the legal system. Acquaints you with central concepts, issues, and themes in jurisprudence, such as descriptive theories of law and the relations between law and morality. This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.
NOTE: Students cannot receive credit for both PHIL 2219 and PHIL 319.
Hours: 42 hrs (3-0)
Credits: 3

PHIL 2223 • Bioethics
A critical and analytical examination of ethical and legal problems arising in and about health care. Issues to be considered may include euthanasia, abortion, the conditions for withdrawal of treatment, the physician-patient relationship, research on human subjects, and genetic engineering. The course emphasizes the practical applications of ethical and legal theory. This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.
NOTE: Students cannot receive credit for both PHIL 2223 and PHIL 313.
Hours: 42 hrs (3-0)
Credits: 3

PHSL (Physiology)

PHSL 200 • Pathophysiology
Prerequisite: PARA 150 or PRNU 152 or BIOL 152
This course relates the knowledge of anatomy and physiology to the causes, treatment and usual courses of illness. It provides a body systems approach to common health care issues, focusing on physiological changes that occur with alterations in biological health.
Hours: 60 hrs (4.6-0)
Credits: 3

PHSL 370 • Introduction to Human Physiology I
An examination of the basics of human physiology, including the body’s physiological adaptation to stress. Emphasis is on function of individual organs and organ systems.
Hours: 63 hrs (3-3/2)
Credits: 4
PHSL - PHYS

PHSL 371 • Introduction to Human Physiology II
Prerequisite: PHSL 370
Continuation of PHSL 370.
Hours: 63 hrs (3-3/2)
Credits: 4

PHTA (Physical Therapist Assistant)

PHTA 215 • PTA Therapeutic Processes I
Prerequisite: A minimum of a C grade in OPTA 212
An introduction to background, knowledge and skills in therapeutic exercise for Physical Therapist Assistants (PTA) to provide assigned interventions safely and correctly with a focus of the role of the PTA in client care. Anatomy background is essential. In-person lab attendance at Medicine Hat College or an affiliated site required.
Hours: 84 hrs (3-3)
Credits: 4
Available On-Site and in a Distributed Learning Format

PHTA 216 • PTA Therapeutic Processes II
Prerequisite: A minimum of a C grade in OPTA 212
An introduction to background, knowledge and electrotherapy modalities utilized by Physical Therapist Assistants with an emphasis on an understanding of the principles and safe application of these various modalities. In-person lab attendance at Medicine Hat College or an affiliated site required.
Hours: 84 hrs (3-3)
Credits: 4
Available On-Site and in a Distributed Learning Format

PHTA 217 • PTA Therapeutic Processes III
Prerequisite: A minimum of a C grade in OCTA 215 & OCTA 216 & PHTA 215 & PHTA 216 & TAPC 210
A five-week fieldwork placement under the supervision of a Physical Therapist aimed at furthering the working knowledge of anatomy and practice with therapeutic modalities common in physiotherapy practice. Graded on a CR (Pass)/NC (Fail) basis.
Hours: 175 hrs (0-35P) 5 wks
Credits: 4
Available On-Site and in a Distributed Learning Format

PHYL (Physical Literacy)

PHYL 2510 • Sport & Exercise Psychology
Prerequisite: PSYC 205 or PSYC 1105
This course provides an introduction to the psychosocial concepts underlying an understanding of human behaviour in physical activity, sport and health. This course is divided into two equal components. The first examines the perspective of Exercise and Health Psychology, while the second uses the perspective of Personality and Social Psychology. This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College. NOTE: Students cannot receive credit for both PHYL 3320 and KNES 260.
Hours: 42 hrs (3-0)
Credits: 3

PHYL 2520 • Introductory and Intermediate Coaching
This course provides exposure to motor learning, growth and development, philosophy, psychology, audio visual, public relations, administration and training methods as it pertains to coaching. Students will be introduced to the material included in the National Coaching Certification Program Part A and Part B of the Multi-Sport Competition Introduction Stream. This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College. NOTE: Students cannot receive credit for both PHYL 2520 and KNES 260.
Hours: 42 hrs (3-0)
Credits: 3

PHYL 3320 • Physical Activity for Special Populations
This course provides an examination of specific problems within the psychomotor domain and the related delivery systems for their identification and amelioration. This is an applied course that focuses on the issues and challenges of providing physical activity experiences for persons with a disability. This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College. NOTE: Students cannot receive credit for both PHYL 3320 and KNES 240.
Hours: 56 hrs (3-0)
Credits: 3

PHYS (Physics)

PHYS 020 • General Elementary Physics
Prerequisite: (MATH 010 or MATH 010FN [minimum grade of B]) & SCIE 010 or equivalent
The concepts relating to measurement and motion from SCIE 010 will be expanded upon, and you will predict and describe motion using vectors, graphs and equations. Forces causing changes in motion are investigated. Other topics include periodic motion and conservation of mechanical energy. Lab work is required.
Hours: 84 hrs (4-2)
Credits: 4
Available On-Site and in a Distributed Learning Format

PHYS 030 • Matriculation Physics
Prerequisite: PHYS 020 or equivalent
Prerequisite/Corequisite: MATH 030 [highly recommended] or MATH 030FN
PHYS 030 builds on the concepts in Newton's Laws from PHYS 020 and deals with the topics of momentum and impulse. Other topics will deal with electric and magnetic fields and the forces from these fields. Electromagnetic radiation, the electric nature of the atom and quantization of energy are other topics covered. Lab work is required.
Hours: 84 hrs (4-2)
Credits: 4
Available On-Site and in a Distributed Learning Format
PHYS 241 • Physics I
Prerequisite: PHYS 30 & MATH 30-1
Introductory general physics, primarily for students in the life sciences. Topics include particle kinematics, force and acceleration, gravitational forces and satellite orbits, rotational motion, conservation of energy and momentum, oscillations and waves, optics and an introduction to quantum physics; quantization of radiation, and the Bohr atom.
Hours: 98 hrs (3-1T-3)
Credits: 4

PHYS 243 • Physics II
Prerequisite: PHYS 241
Introductory general physics, primarily for students in the life sciences. Topics include fluid statics and dynamics; electric forces, fields and potentials; electrical current, resistance and DC circuits; magnetic forces and fields; magnetic induction; alternating current circuits and an introduction to nuclear physics, nuclear radiation, nuclear reactions, and fundamental particles.
Hours: 98 hrs (3-1T-3)
Credits: 4

PHYS 259 • Electricity and Magnetism
Corequisite: AMAT 219
This course focuses on electric charges and electric current; Ohm's Law; Kirchhoff's Laws; application to simple circuits; potential and capacitance; electromagnetic induction, electromagnetic force, and electrical properties of materials.
Hours: 98 hrs (3-1T-3)
Credits: 4

PHYS 269 • Oscillation, Waves, and Optics
Prerequisite: MATH 31 & PHYS 30 or equivalents
Corequisite: AMAT 217
Advanced calculus methods are applied to oscillatory and wave motion. Topics in wave motion include energy transport, interference, standing waves and resonance. Topics in sound include Doppler shifts, and the decibel scale. Topics in optics include polarization, reflection, image formation, interference and refraction.
Hours: 77 hrs (3-1T-3/2 wks)
Credits: 4

PLAB (Power Engineering Lab)
PLAB 118 • Third Lab
Prerequisite: PLAB 117 & ABSA Fourth Class Certificate of Competency (or other regulatory body equivalent certificate)
An intermediate lab which increases the student's competency in operating industrial steam plant equipment.
Hours: 72 hrs (0-6.55) 11 wks
Credits: 4

PLAB 201 • Power Lab Transition
This transition course will familiarize (or refamiliarize) you with the EnCana Power Engineering Training Centre to prepare you for PLAB 219. You will be required to trace and sketch all systems, including: make-up water, feedwater, steam, condensate, cooling water, and chemical feed systems. You will be required to review all operating procedures and control systems for each operating system. This course is required if you have not successfully completed PLAB 118 at Medicine Hat College.
Hours: 14 hrs (0-3.5) 4 wks
Credits: 1

PLAB 219 • Fourth Lab
Prerequisite: PLAB 118 or PLAB 201 (in special circumstances ONLY) & ABSA Fourth Class Certificate of Competency (or other regulatory body equivalent certificate)
An advanced level lab which increases the student's skills in plant operation, with a focus on troubleshooting.
Hours: 128 hrs (0-8) 16 wks
Credits: 4

PLAC (Power Engineering Placement)
PLAC 111 • Field Placement
Prerequisite: PLAB 116 & POWE 161 & POWE 162 & POWE 163 or permission of the Dean AND must possess a valid First Aid with CPR, H2S Alive, and Confined Space Entry
This course is designed to provide you with 80 hrs of unpaid industrial work experience. Upon successful completion of PLAC 111 and all other first year courses, you will be eligible to write the Fourth Class Part B ABSA exams. Graded on a CR (Pass)/NC (Fail) basis.
Hours: 80 hrs (0-40F) 2 wks
Credits: 3

PLSC (Political Science)
PLSC 1101 • Introduction to Government and Politics
This course provides a systematic introduction to the basic concepts and institutions of the process of politics. This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College. NOTE: Students cannot receive credit for both PLSC 1101 and POLI 201.
Hours: 42 hrs (3-0)
Credits: 3
PMAT (Pure Math)

PMAT 315 • Abstract Algebra
Prerequisite: MATH 221
This course features integers - division algorithm, prime factorization; groups - permutations, Lagrange's theorem; and rings - congruences, polynomials. This course is available as an independent study course. For more information, consult the Dean of Science.
Hours: 56 hrs (3-1T)
Credits: 3

POWE (Power Engineering)

POWE 151 • Intermediate Mechanics and Thermodynamics
Prerequisite: POWE 161
An intermediate level study of applied mechanics and thermodynamics.
Hours: 84 hrs (7.64-0) 11 wks
Credits: 4

POWE 152 • Metallurgy
Prerequisite: POWE 162
Metallurgy, corrosion, and chemistry fundamentals will be discussed as they pertain to power engineering. This course will also provide an intermediate level study of legislation, safety and fire protection systems.
Hours: 58 hrs (5.45-0) 11 wks
Credits: 3

POWE 153 • Codes and Drawings
Prerequisite: Acceptance into Power Engineering Technology
The student will take a more in depth look at industrial drawings. Code calculations, piping, traps and valves will also be discussed.
Hours: 58 hrs (5.45-0) 11 wks
Credits: 3

POWE 154 • Intermediate Electricity and Instrumentation
Prerequisite: POWE 162
An intermediate level study of electrical and instrumentation theory.
Hours: 80 hrs (7.64-0) 11 wks
Credits: 4

POWE 161 • Introductory Mechanics & Thermodynamics, Legislation and Safety
Prerequisite: Acceptance into Power Engineering Technology
This course will provide the student with an introduction to applied mathematics, mechanics, and thermodynamics. It will also cover legislation and safety.
Hours: 70 hrs (7-0) 10 wks
Credits: 4

POWE 162 • Introductory Electricity and Instrumentation, Materials, Welding and Safety
Prerequisite: Acceptance into Power Engineering Technology
An introduction to electricity and instrumentation, safety, materials, welding and piping.
Hours: 80 hrs (8-0) 10 wks
Credits: 4

POWE 163 • Introduction to Boilers, Environment and Communication
Prerequisite: Acceptance into Power Engineering Technology
This is an introductory course focusing on boiler design, fittings, operation and combustion. Environment and communication will also be discussed.
Hours: 80 hrs (8-0) 10 wks
Credits: 4

POLI (Political Science)

POLI 201 • Introduction to Government and Politics
The focus of this course is a systematic introduction to the basic concepts and institutions of the process of politics. Course studies the relationship among man, society and the states; examines key political ideologies and explores different political systems and structures. NOTE: Students cannot receive credit for both POLI 201 and PLSC 1101.
Hours: 42 hrs (3-0)
Credits: 3

POLI 223 • Conflict and Unity: Canadian Issues
Course examines topics in Canadian politics such as federalism and regionalism, the place of Quebec in Confederation, the Charter of Rights, class conflict and immigration, and foreign policy.
Hours: 42 hrs (3-0)
Credits: 3

POLI 310 • History of Political Thought I
This course provides an introduction to some of the most profound attempts to think about the meaning, limits, and possibilities of political life through an examination of selected texts within the early history of Western political philosophy.
Hours: 42 hrs (3-0)
Credits: 3

POLI 311 • History of Political Thought II
This course provides an introduction to some of the most profound attempts to think about the meaning, limits, and possibilities of political life through an examination of selected texts within the later history of Western political philosophy.
Hours: 42 hrs (3-0)
Credits: 3

POLI 313 • Political Ideologies
An introduction to the study of political ideologies (i.e., nationalism, socialism, liberalism and fascism, populism and conservatism).
Hours: 42 hrs (3-0)
Credits: 3
POWE 166 • Lubrication, Pumps, Compressor, Boiler Safety and Operation
Prerequisite: Acceptance into Power Engineering Technology
This course will introduce lubrication, compressors, and pumps. Boiler safety and operation will be discussed.
Hours: 90 hrs (7.5-0) 12 wks
Credits: 4

POWE 167 • Maintenance, Water Treatment, Prime Movers/Engines and Auxiliary Building Systems
Prerequisite: Acceptance into Power Engineering Technology
An introduction to maintenance, water treatment, prime movers, engines, and auxiliary building systems.
Hours: 90 hrs (7.5-0) 12 wks
Credits: 4

POWE 168 • Refrigeration and Air Conditioning and Types of Plants
Prerequisite: Acceptance into Power Engineering Technology
This course focuses on refrigeration and air conditioning. Different types of plants will also be discussed.
Hours: 90 hrs (7.5-0) 12 wks
Credits: 4

POWE 260 • Intermediate Boilers
Prerequisite: POWE 143 or POWE 163
This is an intermediate course focusing on boiler design, construction, and operation. Plant operation and maintenance will also be discussed.
Hours: 96 hrs (6-0) 16 wks
Credits: 4

POWE 261 • Intermediate Prime Movers
Prerequisite: POWE 146 or POWE 167
An intermediate course on turbines, internal combustion engines, and compressors.
Hours: 96 hrs (6-0) 16 wks
Credits: 4

POWE 262 • Water Treatment and Special Equipment
Prerequisite: POWE 143 or POWE 167
This course focuses on water treatment, refrigeration, pumps, and special industrial equipment.
Hours: 96 hrs (6-0) 16 wks
Credits: 4

POWE 265 • Advanced Boilers
Prerequisite: POWE 260
An advanced level course on boilers and legislation.
Hours: 60 hrs (3.75-0) 16 wks
Credits: 3

POWE 266 • Advanced Pumps and Water Treatment
Prerequisite: POWE 262
An advanced level course on pumps and water treatment.
Hours: 60 hrs (3.75-0) 16 wks
Credits: 3

POWE 270 • Advanced Codes
Prerequisite: POWE 153
An advanced level code calculations course.
Hours: 60 hrs (3.75-0) 16 wks
Credits: 3

POWE 271 • Plant Installation and Management
Prerequisite: Acceptance into Power Engineering Technology
An advanced level plant installation and management course for power engineers.
Hours: 60 hrs (3.75-0) 16 wks
Credits: 3

POWE 272 • Advanced Mechanics
Prerequisite: POWE 151
An advanced level applied mechanics course.
Hours: 96 hrs (6-0) 16 wks
Credits: 4

POWE 280 • Advanced Thermodynamics
Prerequisite: POWE 151
An advanced level thermodynamics course.
Hours: 96 hrs (6-0) 16 wks
Credits: 4

POWE 281 • Advanced Metallurgy
Prerequisite: POWE 152
An advanced level course on metallurgy and corrosion.
Hours: 72 hrs (4.5-0) 16 wks
Credits: 4

PRNU (Practical Nursing)

PRNU 156 • Nursing Theory I and Nursing Science Lab I
Nursing Theory I – In this course holistic nursing care (developmental, psychological, sociocultural, and spiritual) is emphasized within the framework of the nursing process. Focus is on the principles underlying nursing actions, health promotion and integration of concepts from other courses.
Nursing Science Lab I – In the nursing skills lab, utilizing the underlying theoretical principles, students will begin to develop psychomotor nursing skills to provide safe, competent care.
Hours: 90 hrs (3-3) 15 wks
Credits: 4

PRNU 158 • Clinical Experience I - Continuing Care
Prerequisite: PRNU 151 or HLSC 151 & PRNU 152 or BIOL 152 & PRNU 153 or PSYC 153 & PRNU 154 or COMM 154 & PRNU 156
This course will provide the student with hands-on experience in a continuing care facility. The schedule for this clinical experience will be at the discretion of the clinical instructor. Graded on a CR (Pass)/NC (Fail) basis.
Hours: 78 hrs (0-39C) 2 wks
Credits: 4

PRNU 159 • Clinical Experience II- Continuing Care
Prerequisite: PRNU 151 or HLSC 151 & PRNU 152 or BIOL 152 & PRNU 153 or PSYC 153 & PRNU 154 or COMM 154 & PRNU 156
This course will provide the student with hands-on experience in a continuing care facility. The schedule for this clinical experience will be at the discretion of the clinical instructor. Graded on a CR (Pass)/NC (Fail) basis.
Hours: 78 hrs (0-39C) 2 wks
Credits: 4

PRNU 160 • Adult Health Assessment Theory and Lab
Prerequisite: PRNU 158
This course focuses on applying knowledge of anatomy and physiology to the skill of completing an adult health assessment. Students will learn to differentiate between normal and abnormal assessments and understand the significance of these findings. Students will gain knowledge and critical thinking skills required to demonstrate competence in physical health assessment.
Hours: 60 hrs (1.5 - 3.1) 13 wks
Credits: 3
PRNU 162 • Applied Pharmacology and Medication Administration Lab
Prerequisite: PRNU 158
This course deals with developing the body of knowledge needed to administer therapeutic medications. The practical nurse must understand the pharmacokinetics of medications, the rationale for their use, and the expected results of the therapy. The practical nurse must also learn to use critical thinking skills to assess the need for, and response to medication. Practical nurse competencies, scope of practice and legal responsibilities will also be emphasized. Accurate/successful demonstration of the math skills to safely calculate dosages will be imperative. In the nursing skills lab, utilizing the underlying theoretical principles, students will develop psychomotor skills to provide safe, competent medication administration to clients with multiple health care issues.
Hours: 85 hrs (4.6-1.9) 12 wks
Credits: 4

PRNU 166 • Nursing Theory II and Nursing Science Lab II
Prerequisite: PRNU 158
Holistic nursing care (developmental, psychological, sociocultural and spiritual) and skills are emphasized within the framework of the nursing process. Focus is on the principles underlying nursing actions, adult physical assessment, health promotion and integration of concepts from other courses. In the nursing skills lab, learners, utilizing the underlying theoretical principles will develop psychomotor nursing skills to provide safe, competent care to clients with multiple health care issues. This course builds on the knowledge and nursing therapeutics introduced in previous courses. Diversity, culture and spiritual needs are incorporated into caring for clients.
Hours: 80 hrs (4.6-1.5) 13 wks
Credits: 4

PRNU 168 • Clinical Experience II - Continuing & Acute Care
Prerequisite: PRNU 160 & PRNU 162 & PRNU 166 & PHSL 200
The focus of this second clinical experience is the practical nurse’s role in both continuing care and acute care settings. During this time, the student will be assigned to specific clients and expected to research adequately to provide safe, organized nursing care. Graded on a CR (Pass)/NC (Fail) basis.
Hours: 155 hrs (0-38.8C) 4 wks
Credits: 6

PRNU 201 • Maternal and Newborn Theory and Lab
Prerequisite: PRNU 168
A family-centered introduction to the needs and nursing care of childbearing families. This course focuses on assessment, monitoring, patient teaching for the care of the mother and infant during pregnancy, labor and delivery and the postpartum period. In maternity lab, learners will develop nursing skills to provide safe competent care for both mother and newborn.
Hours: 50 hrs (3.33-0.83) 12 wks
Credits: 3

PRNU 203 • Mental Health and Addiction
Prerequisite: PRNU 168
This course provides an introduction to the assessment and treatment of clients with psychiatric/mental health issues. The course includes basic mental health concepts, therapeutic relationships, assessment strategies and the nursing process, legal and ethical practices, mental health, addiction issues, and treatments.
Hours: 40 hrs (3.33 - 0) 12 wks
Credits: 3

PRNU 204 • Clinical Experience III - Acute Care
Prerequisite: PRNU 200 & PRNU 201 & PRNU 203 & PRNU 205
The focus of this third clinical experience will be the practical nurse’s role in the acute care setting. During this time, the student will be assigned to specific clients and expected to research adequately to provide safe, organized nursing care. The focus of care is to assist people who have had surgery or have multiple medical problems. Working with a variety of health team members, assessment and communication with clients and staff will be stressed.
Hours: 271 hrs (0-38.7C) 7 wks
Credits: 12

PRNU 205 • Pediatric Nursing
Prerequisite: PRNU 168
A family centered introduction to the needs and nursing care of child rearing families. Community resources and client teaching are addressed. This course provides you with an introduction to common health issues of children related nursing care.
Hours: 40 hrs (3.33-0) 12 wks
Credits: 3

PRNU 208 • Transition to Practical Nursing Graduate
Prerequisite: PRNU 204
This course will facilitate the transition from learner roles to the graduate roles within the context of the practical nurse profession. A strong emphasis will be placed on professional roles and responsibilities in general and practical nurse roles and responsibilities in particular. Learners will gain knowledge of leadership skills required for their leadership roles in a health care team. Legal, ethical and management concepts will be integrated into the course, with the expectation that learners apply these principles to prepare for and participate in the workforce.
Hours: 45 hrs (11.25-0) 4 wks
Credits: 3
PRNU 209 • Community Nursing
Prerequisite: PRNU 204
The present focus of community health nursing is on community wide approaches to promote health of populations. Community health nursing includes working with individuals and defining risk factors for illness and injury and encompasses a broad scope of practice. This course will introduce learners to the practice of community health nursing: nursing roles and activities, levels of prevention, immunizations, primary health care, and determinants of health, nursing strategies, and varied practice settings within the community. The purpose will be to provide a theory base and understanding of community health concepts that will provide the learner with the basis for nursing practice with individuals, families, and groups within the community setting. In the lab setting the learners will develop the skills, knowledge and ability to administer various immunizations.

Hours: 46 hrs (10-1.5) 4 wks
Credits: 3

PRNU 215 • Final Practicum
Prerequisite: PRNU 208 & PRNU 209
This course will provide an opportunity to apply nursing knowledge and skills within a variety of settings. Eighty hours will be spent in a leadership role in a continuing care facility and 220 hours will be spent on a medical/surgical nursing unit, giving the student the opportunity to apply nursing knowledge and skills into practice. In each component, the student nurse will experience a more independent role while mentored by a Licensed Practical Nurse who acts as a resource to assist the student to achieve his/her goals. Graded on a CR (Pass)/NC (Fail) basis.
Hours: 300 hrs (0 - 33P) 9 wks
Credits: 6

PROG (Programming)

PROG 210 • Systems Analysis and Design
This course covers tools, techniques and methods used by system analysts in the work place to achieve workable computer solutions for a wide range of problems. Topics include hardware/software/ network planning; requirements analysis; feasibility study and research; cost benefit analysis; hardware/software evaluation; design of custom applications; database design; and user interface design. Assignments and case studies used provide practice with the above concepts.
Hours: 70 hrs (2-3)
Credits: 4

PROG 225 • Intermediate Programming
Prerequisite: ITEC 145
Building on two prior programming courses, you will gain an in depth grounding in object oriented programming concepts and practices. Topics include class and interface design, the principles of encapsulation, inheritance and polymorphism, components generics, delegates, unit testing, etc. In the labs, you construct and test your own classes and DLL’s as well as continue to enlarge your familiarity with various framework objects.
Hours: 70 hrs (2-3)
Credits: 4

PROG 245 • Dynamic Web Application Development
Prerequisite: PROG 225
Building on knowledge gained in Web Development and Programming Fundamentals, this course examines concepts and application of server side Internet development with dynamic content. Topics include web controls, state management, database access, display of real time data, web services and emerging web development methodologies. Reflecting the industry trend of using teamwork for development of complex applications, this course may involve project teamwork in the lab component.
Hours: 70 hrs (2-3)
Credits: 4

PROG 280 • Advanced Programming
Prerequisite: PROG 225
This course takes various programming concepts to greater depth and includes topics such as parallelism and multi-threading, network programming, distributed applications, synchronous and asynchronous web services, object serialization, optimizations, software design patterns, programming language comparison, etc. Lab assignments and projects related to the above topics form an essential component of the course.
Hours: 70 hrs (2-3)
Credits: 4

PSYC (Psychology)

PSYC 153 • Growth and Development for Practical Nurses
This course presents a comprehensive overview of human growth and development and normal behavioral responses throughout the life span. Emphasis is placed upon the stages of development and their linkage to common events and adaptations.
Hours: 45 hrs (3-0) 15 wks
Credits: 3

PSYC 205 • Principles of Psychology
Focuses of course are fundamental procedures, findings, terminology and theories in the major areas of psychology. This course is a prerequisite to all of the senior psychology courses. NOTE: Students cannot receive credit for both PSYC 205 and PSYC 1105.
Hours: 42 hrs (3-0)
Credits: 3

PSYC 312 • Research Methods in Social Science
Prerequisite: PSYC 205 or SOCI 201 or permission of the Dean
This course will introduce you to experimental and nonexperimental research methods in social science. You will learn to think critically about research claims in the social sciences, develop an awareness of ethical concerns in research, and gain understanding of research methodology, its benefits, and its shortcomings. NOTE: Credit will be only be granted for one of PSYC 312 or SOCI 313.
Hours: 84 hrs (3-3)
Credits: 4

PSYC 340 • Positive Psychology
Prerequisite: PSYC 205
Positive Psychology is the scientific study of how human beings prosper. Its goal is to identify and enhance the human strengths and virtues that make life worth living and allow individuals and
PSYC

communities to thrive. This course will provide an introduction to positive psychological theory, research and practice.

Hours: 42 hrs (3-0)
Credits: 3

PSYC 343 • Social Interaction and Perception
Prerequisite: PSYC 205
An introduction to research and theory in the areas of social perceptions, social attractions, language and communication, and group processes.
Hours: 42 hrs (3-0)
Credits: 3

PSYC 345 • Social Psychology
Prerequisite: PSYC 205
Social psychological approaches to understanding social influence, social perception and cognition, attitudes and group dynamics are studied in this course. NOTE: Not open to students with credit in PSYC 343. Students cannot receive credit for both PSYC 345 and PSYC 2245.
Hours: 42 hrs (3-0)
Credits: 3

PSYC 351 • Developmental Psychology
Prerequisite: PSYC 205
The focus of this course is the study of psychological development through childhood. NOTE: Students cannot receive credit for both PSYC 351 and PSYC 3351.
Hours: 42 hrs (3-0)
Credits: 3

PSYC 357 • Human Development
Prerequisite: PSYC 205
This course is a continuation of PSYC 351. The curriculum includes an overview of physical, intellectual, personality and social development through adolescence, early adulthood, middle adulthood, and late adulthood. Key social issues affecting adolescents and adults are highlighted. NOTE: Students cannot receive credit for both PSYC 357 and PSYC 3355.
Hours: 42 hrs (3-0)
Credits: 3

PSYC 365 • Cognitive Psychology
Prerequisite: PSYC 205
This course provides an overview of research and theory in cognitive psychology. Topics include but are not limited to attention, memory, thinking, and other mental processes.
Hours: 42 hrs (3-0)
Credits: 3

PSYC 368 • Perception
Prerequisite: PSYC 205
Introduction to the theoretical and experimental issues associated with sensory and perceptual experience. It focuses primarily on visual perception. Major topics include the visual system, visual attention, the perception of colour, space, form, visual art, and motion, as well as the constancies. Other topics examined include the auditory system and hearing, touch, taste, and smell. In addition to lectures, the course provides you with hands-on activities intended to illustrate perceptual processes.
Hours: 42 hrs (3-0)
Credits: 3

PSYC 383 • Personality
Prerequisite: PSYC 205
This course studies the approaches to the study of personality.
Hours: 42 hrs (3-0)
Credits: 3

PSYC 385 • Introduction to Abnormal Psychology
Prerequisite: PSYC 205
Focus of course is an overview of abnormal behaviour and experiences, their causes and treatment. NOTE: Students cannot receive credit for both PSYC 385 and PSYC 2285.
Hours: 42 hrs (3-0)
Credits: 3

PSYC 1105 • Introduction to Psychology
This course introduces the history, methods, and current state of knowledge in modern psychological research. A wide range of content areas will be surveyed, including biological psychology, learning, memory, perception, personality, psychological disorders, therapy, stress, social psychology, psychological development in children, and the ethics of research. Additional topics may be included at the discretion of the instructor. This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College. NOTE: Students cannot receive credit for both PSYC 1105 and PSYC 205.
Hours: 42 hrs (3-0)
Credits: 3

PSYC 2245 • Social Psychology
Prerequisite: PSYC 205 or PSYC 1105
Students will examine social psychological approaches to understanding social influence, social perception and cognition, attitudes and group dynamics. This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College. NOTE: Students cannot receive credit for both PSYC 2245 and PSYC 345.
Hours: 42 hrs (3-0)
Credits: 3

PSYC 2285 • Introduction to the Psychology of Abnormal Behaviour
Prerequisite: PSYC 205 or PSYC 1105
Introduction to the Psychology of Abnormal Behaviour
This senior-level course is a survey of the symptoms, causes and treatment of psychological disorders as they occur across the lifespan. Through lecture, video and in-class applied exercises, students will consider the experience of psychological abnormality and study contemporary methods used in clinical diagnosis and intervention. This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College. NOTE: Students cannot receive credit for both PSYC 2285 and PSYC 385.
Hours: 42 hrs (3-0)
Credits: 3
**PSYC 3320 • Psychology of Death and Dying**  
Prerequisite: PSYC 205 or PSYC 1105
The course examines social and psychological aspects of death and dying, such as: historical and cross cultural variability in death attitudes, spirituality, the dying process, ethical issues such as euthanasia and suicide, bereavement, burial practices and death perceptions across the life-span. **This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.** NOTE: Students cannot receive credit for both PSYC 3320 and IDST 485.  
Hours: 42 hrs (3-0)  
Credits: 3

**PSYC 3351 • Topics in Child Development**  
Prerequisite: PSYC 205 or PSYC 1105
This course focuses on psychological development from conception through childhood and adolescence, examining such topics as the development of cognition, emotion, identity, moral thinking, and psychosocial abilities. **This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.** NOTE: Students cannot receive credit for both PSYC 3351 and PSYC 351.  
Hours: 42 hrs (3-0)  
Credits: 3

**PSYC 3355 • Topics in Adolescence**  
Prerequisite: PSYC 205 or PSYC 1105
This course emphasizes the biological, cognitive, social and emotional changes that occur within adolescent development. It investigates the impact of various contexts (family, peers, school, etc) on developmental outcomes. Topics include the transitory difficulties and psychosocial problems that may arise during this period as well as cultural and historical aspects of development. **This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.** NOTE: Students cannot receive credit for both PSYC 3355 and PSYC 357.  
Hours: 42 hrs (3-0)  
Credits: 3

**RELI (Religious Studies)**

**RELI 205 • The Nature of Religion**
This course examines the histories and worldviews of a number of religious traditions, as well as philosophical issues arising within and from these traditions. Some ancient and tribal traditions are studied, but the focus is on major, living world religions. Philosophical topics that may be addressed are the existence and nature of ultimate reality, life after death, pain and evil, faith and knowledge, and religious pluralism.  
Hours: 42 hrs (3-0)  
Credits: 3

**SCIE (Science)**

**SCIE 009 • Basic Science**  
Prerequisite: ENGL 009 or equivalent & MATH 009 or equivalent
This course will focus on the core science skills, knowledge, and vocabulary needed for further study in the science areas. Topics to be covered will include formulas, units, graphs, temperature scales, heat, simple machines, cells, and properties of matter.  
**Hours:** 56 hrs (3-1)  
**Credits:** 3

**SCIE 010 • Introductory Science**  
Prerequisite: SCIE 009 or equivalent & ENGL 009 or equivalent  
Corequisite: MATH 010 or MATH 010FN or equivalent
This course is designed to review basic concepts in science including the metric system, measurement, and the scientific method. These skills are used to investigate the relationships and changes between matter and energy in living systems, during chemical change, and in the physical world.  
**Hours:** 84 hrs (6-0)  
**Credits:** 4  
Available On-Site and in a Distributed Learning Format

**SLGY (Sociology)**

**SLGY 1101 • Introduction to Sociology**
This course introduces students to the discipline of Sociology. Sociology is the study of social life in all its forms. A variety of topics within the discipline will be explored throughout this course, such as social theory, social research methods, culture, with a strong focus on gender, sexuality, class, and racial inequality. **This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.** NOTE: Students cannot receive credit for both SLGY 1101 and SOCI 201.  
**Hours:** 42 hrs (3-0)  
**Credits:** 3

**SLGY 2229 • Crime and Society**  
Prerequisite: SOCI 201 or SLGY 1101
This course serves as an introduction to the sociological study of crime. The goal is to critically assess crime as it intersects with race, class, and gender. Students will become familiar with classical and contemporary theories of crime as well as strategies toward rehabilitation or social change. **This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College.** NOTE: Students cannot receive credit for both SLGY 2229 and SOCI 225.  
**Hours:** 42 hrs (3-0)  
**Credits:** 3

**SLGY 2233 • Sociology of Gender**
Gender operates on four dimensions in Canadian society: within individuals; through interaction with others; in the features of social institutions such as work, law, and family; and in the norms and values that shape the socio-cultural landscape. This course will introduce students to gender on each of these dimensions. **This course is a Mt. Royal University course for students in their...**
SLGY - SLWK

SLPA (Speech Language Pathologist Assistant)

SLPA 206 • Therapeutic Processes III
Prerequisite: DBSS 160 & (EDAS 101 or CHPC 124) and a minimum of a C grade in SLPA 215 & SLPA 216 & TAPC 210
A six-week fieldwork placement which provides the opportunity to integrate theory and practice, under the supervision of a Speech-Language Pathologist. Graded on a CR/NC (Pass/Fail) basis. Hours: 225 hrs (0-37.5P) 6 wks
Credits: 4.5
Available On-Site and in a Distributed Learning Format

SLPA 207 • Therapeutic Processes IV
Prerequisite: DBSS 160 & (EDAS 101 or CHPC 124) and a minimum of a C grade in SLPA 215 & SLPA 216 & TAPC 210
A six-week fieldwork placement which provides the opportunity to integrate theory and practice, under the supervision of a Speech-Language Pathologist. Placement focuses on a different caseload than previous fieldwork, although the setting may remain the same. Graded on a CR/NC (Pass/Fail) basis. Credits: 4.5
Available On-Site and in a Distributed Learning Format

SLPA 212 • Basics for the Speech Language Pathologist Assistant
Prerequisite: A minimum of a C grade in KNES 265 or any 200 level LING & TAPC 111 & TAPC 112 & TAPC 113
This course provides an introduction to the basic skills required by a Speech-Language Pathologist Assistant (SLPA) to function effectively in the workplace. Topics include goal-based intervention, hearing disorders, and roles and responsibilities of SLPAs. In-person lab attendance at Medicine Hat College or an affiliated site may be required. Hours: 60 hrs (3 - 1.25)
Credits: 3
Available On-Site and in a Distributed Learning Format

SLPA 215 • SLPA Therapeutic Processes I
Prerequisite: Minimum of a C grade in SLPA 212
This course provides an introduction to the advanced skills required by a Speech-Language Pathologist Assistant in understanding speech disorders and providing intervention for articulation, phonology and motor speech disorders. Fluency, voice and swallowing disorders are also discussed. In-person lab attendance at Medicine Hat College or an affiliated site may be required. Hours: 84 hrs (3-3)
Credits: 4
Available On-Site and in a Distributed Learning Format

SLPA 216 • Therapeutic Processes II
Prerequisite: Minimum of a C grade in SLPA 212
The course focus is on the essential background, knowledge and skills for a Speech-Language Pathologist Assistant to provide intervention to clients of all ages with developmental and acquired language disorders. In-person lab attendance at Medicine Hat College or an affiliated site may be required. Hours: 84 hrs (3-3)
Credits: 4
Available On-Site and in a Distributed Learning Format

SLPA 208 • Career Preparation for the Speech-Language Assistant
Prerequisite: DBSS 160 & (EDAS 101 or CHPC 124) and a minimum of a C grade in SLPA 215 & SLPA 216 & TAPC 210
Corequisite: SLPA 206 or SLPA 207
This online course provides the employment-seeking Speech-Language Pathologist Assistant with knowledge and skills necessary to enter the workplace, with a focus on the job search process. This course should be completed concurrently with a fieldwork course. Credits: 1
Available in a Distributed Learning Format only

SLWK (Social Work)

SLWK 100 • Introduction to Social Work Practice
SLWK 100 is a foundation course for the Social Work program. You study the history of Social Work and learn the basic theoretical principles, concepts and values of Generalist Social Work Practice, and how to apply these principles in a variety of helping situations. You will also be asked to reflect on your own values and beliefs and to evaluate your compatibility with the Social Work profession. Learning about stress, reactions to stress, and stress management is also a key component of the course. Hours: 42 hrs (3-0)
Credits: 3

SLWK 101 • Social Work Theories & Practice
Prerequisite: Minimum of a C grade in SLWK 100
SLWK 101 is a continuation of SLWK 100 with a focus on areas of Generalist Practice and theoretical models of Social Work practice. You will also learn about the Social Work Code of Ethics and Standards of Practice. Hours: 42 hrs (3-0)
Credits: 3
SLWK 102 • Social Problems & Policies
The focus of SLWK 102 is an exploration of social issues, problems and concerns, and a review and analysis of social policies as they relate to the development and delivery of appropriate social services. You will learn what constitutes a social problem and how social policies are developed.
Hours: 42 hrs (3-0)
Credits: 3

SLWK 103 • Social Work with Individuals
Prerequisite: Minimum of a C grade in IDST 100 & SLWK 100
SLWK 103 concentrates on the further development of social work attitudes and skills focusing on working with individuals and the close examination of your attitude as a help or a hindrance in working with individuals. This course focuses on expanding interpersonal communication skills, exploring the role of the helper, and developing counselling skills. You will also learn about the interviewing process and the development of the counselling relationship.
Hours: 42 hrs (1.5-1.5)
Credits: 3

SLWK 105 • Social Work with Groups
Prerequisite: Minimum of a C grade in IDST 100 & SLWK 100
SLWK 105 is designed to further develop and refine social work skills for working with groups. The class is designed to create experiential learning opportunities in a group environment. You will learn about group development process, stages of group development, types of groups, and theories related to Social Work with groups. You will also learn about yourself as a group leader and as a group member.
Hours: 42 hrs (3-0)
Credits: 3

SLWK 206 • Social Work Research & Leadership in Human Services
Prerequisite: Minimum of a C grade in IDST 100 & SLWK 101 & SLWK 102
SLWK 206 covers the topics of social work research and human service organizations. In the first part of the course you will gain an understanding and appreciation of social work research. You will learn the basic elements of research, research design, and ethics and research. You will also learn about different ways of knowing, evidence based practice, and evaluation. In the second part of the course you will study the various aspects of human service organizations, social work administration, and leadership. You will learn about organizational culture, theories of organization function and structure, and theories of leadership.
Hours: 42 hrs (3-0)
Credits: 3

SLWK 208 • Social Work with Families
Prerequisite: Minimum of a C grade in SLWK 101 & SLWK 102 & (SLWK 103 or HLSC 220) & (SLWK 105 or HLSC 320)
SLWK 208 provides you with a framework for understanding the diversity and changing concepts of family dynamics as related to social work practice and to develop skills for working with families. You will apply social work process to working with families and learn about theories of family, problems and how they manifest in families, to reflect on your personal values of family, and to view the family as a client.
Hours: 42 hrs (3-0)
Credits: 3

SLWK 209 • Social Work with Communities
Prerequisite: Minimum of a C grade in (SLWK 103 or HLSC 220) & (SLWK 105 or HLSC 320) & SLWK 206
The focus of the course is on community practice and theory. SLWK 209 provides you with an opportunity to develop skills in community organization and development. You will learn about the application of the social work process to community, exploring community development, social determinants of health, capacity building, and partnership development. You will also learn to view the community as the client.
Hours: 42 hrs (3-0)
Credits: 3

SLWK 211 • Social Work with Mental Illness, Trauma, and Addictions
Prerequisite: Minimum of a C grade in SLWK 101 & SLWK 102 & (SLWK 103 or HLSC 220) & (SLWK 105 or HLSC 320)
SLWK 211 provides you with an understanding of the many interrelated factors that affect various client populations and the roles of social workers in dealing with mental illness, trauma, and addictions. You will learn the importance of a cross cultural perspective, and to examine traditional beliefs and assumptions about mental illness and addictions. From a best practices model you will review creative preventative programs looking at the social determinants of health. You will be invited to challenge your personal views about mental illness and addictions.
Hours: 42 hrs (3-0)
Credits: 3

SLWK 212 • Social Work Practicum I
Prerequisite: Minimum of a C grade in SLWK 101 & SLWK 102 & (SLWK 103 or HLSC 220) & (SLWK 105 or HLSC 320)
SLWK 212 involves supervised study and practice. You spend three days a week in a social service agency. After an initial orientation period, you are expected to assume responsibility for assigned agency duties in order to enhance your knowledge, skills, values and attitudes in social work methods. During agency work, attention is given to teaching you specific skills, developing competence in terms of offering services to clients, and participating in overall agency programs. Biweekly seminars focus on integrating the program philosophy, common themes and social work theory with practicum experiences. NOTE: You must receive a minimum of a “C” grade in Social Work Practicum I in order to go on to Social Work Practicum II. Additional Requirements: Prior to starting practicum students must receive certification in Applied Suicide Intervention Skills Training (ASIST). Opportunity for this training will be coordinated by the program but students are responsible for the cost. (Approximately $200) NOTE: Students in Addictions Counselling/Social Work Combined diplomas program must also have a minimum of a C grade in HLSC 340 & HLSC 365.
Hours: 357 hrs (1.5-24P)
Credits: 9

SLWK 213 • Social Work Practicum II
Prerequisite: Minimum of a C grade in SLWK 206 & SLWK 208 & SLWK 212
SLWK 213 involves supervised study and practice. You spend three days a week in a social service agency. After an initial orientation period, you are expected to assume responsibility for assigned work in order to enhance your knowledge, skills, values, and attitudes in social work methods, and actively engage in social work practice. During agency work, attention is given to teaching...
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you specific skills, developing competence in terms of offering services to clients, and participating in overall agency programs. Biweekly seminars focus on integrating the program philosophy, common themes and social work theory with practicum experiences. NOTE: You must achieve a minimum of a "C" grade in this placement in order to get credit for the course.

Hours: 357 hrs (1.5 - 24P)
Credits: 9

SLWK 219 • International Social Work
Prerequisite: Approval of the Program Coordinator
SLWK 219 is an internet course. This is the preparation course for the International Practicum. Students must successfully complete this course in order to participate in the international practicum. In this course you will learn about social work in an international context. You explore the similarities and differences of social work practice in another country and in Canada. This course is only offered when SLWK 220 is in place.

Hours: 21 hrs (1.5-0)
Credits: 1.5

SLWK 220 • International Social Work Practicum
Prerequisite: Minimum of a C grade in SLWK 101 & SLWK 102 & SLWK 103 & SLWK 105 & SLWK 219
This course involves supervised study and practice abroad. An international practicum gives you new perspectives on social work, greater cultural awareness and an appreciation of comparative social policies. This course will be a block placement opportunity eight weeks in duration and will include both practice and seminar components. The seminars focus on integrating the program philosophy, common themes and social work theory with practicum experiences. This opportunity is open as a first or second practicum requirement. In addition to tuition costs, students are also responsible for the expenses of any required vaccinations, travel insurance, and incidentals. This course is only available when there is sufficient student interest and available program resources.

Hours: 344 hrs (3-40P) 8 wks
Credits: 7.5

SOCI (Sociology)

SOCI 201 • Introductory Sociology
This course provides a foundation for sociological inquiry and consideration of important topics including socialization, group development and cohesion, social inequality. In doing so, it provides an introduction to sociological thought and theory. NOTE: Students cannot receive credit for both SOCI 201 and SLGY 1101.

Hours: 42 hrs (3-0)
Credits: 3

SOCI 203 • Current Social Issues
This course draws on different sociological perspectives and theories to consider social issues such as population growth, industrial conflict, abortion, drug abuse, and the status of women. Each of these current social issues is given critical engagement and analysis, thereby demonstrating the broad treatment sociologists give each. NOTE: This course is not a substitute for SOCI 201.

Hours: 42 hrs (3-0)
Credits: 3

SOCI 205 • Canadian Society
An examination of the major institutions of Canadian Society, consideration is given to the diversity of the Canadian population and to the dynamics of contemporary patterns of social change. NOTE: This course is not a substitute for SOCI 201.

Hours: 42 hrs (3-0)
Credits: 3

SOCI 225 • Criminology
Prerequisite: SOCI 201
Criminology is the search for, and explanation of, general patterns characterizing the socially unacceptable and/or law breaking behavior of individuals. This course is an introduction to the sociological study of crime and critical appraisal of theoretical explanations and methods of conducting research. NOTE: Students cannot receive credit for both SOCI 225 and SLGY 2229.

Hours: 42 hrs (3-0)
Credits: 3

SOCI 305 • Sociology of Work
Prerequisite: Any 200-level Sociology (SOCI 201 recommended)
This course uses the students’ own experiences of work as the starting point for exploration of paid and unpaid work in a globalized world. Topics include the following: definitions of work, employment relations, carework, international migration of workers, education and work, precarious work, outsourcing, offshoring, defining skill and competence, job satisfaction, finding a job, rewards of work, occupational health and safety, unemployment, and retirement.

Hours: 42 hrs (3-0)
Credits: 3

SOCI 313 • Research Methods in Social Science
Prerequisite: PSYC 205 or SOCI 201 or permission of the Dean
This course will introduce you to experimental and nonexperimental research methods in social science. You will learn to think critically about research claims in the social sciences, develop an awareness of ethical concerns in research, and gain understanding of research methodology. NOTE: Credit will be only be granted for one of PSYC 312 or SOCI 313.

Hours: 84 hrs (3-3)
Credits: 4

SOCI 321 • Youth Crime
Prerequisite: Any 200-level Sociology (SOCI 201 recommended)
This course examines the nature and extent of youth crime in Canada and its treatment and control. Matters to be examined include family, school, peers, and the economy as influences; legislation, and social responses to youthful deviance; theories of delinquency; measurement of youth crime; public policy; and future trends.

Hours: 42 hrs (3-0)
Credits: 3
SOCI 325 • Deviant Group Behaviour
Prerequisite: Any 200-level Sociology (SOCI 201 recommended)
This course provides systematic analyses of deviant group behavior with an emphasis on the non-legal aspects of deviance. In particular, this course emphasizes deviant subcultures and the ways in which sociologists consider deviance. Through a sociological lens, the course examines histories in which LGBT+ communities, mental health conditions, and other identities have been mislabeled as deviant.
Hours: 42 hrs (3-0)
Credits: 3

SOCI 333 • Offender Rehabilitation
Prerequisite: Any 200 level PSYC or SOCI course (PSYC 205 or SOCI 201 is highly recommended)
This course will examine how society attempts to rehabilitate those who have contravened the law. The focus will be on Canadian criminal justice, but relevant global approaches to offender rehabilitation will also be considered. Both the theory and practice of rehabilitative practices will be explored.
Hours: 42 hrs (3-0)
Credits: 3

SOCI 345 • Mass Communication
Prerequisite: Any 200-level Sociology (SOCI 201 recommended)
This course provides an analysis of socio-psychological effects of the mass media of communication, radio, television, movies, comic books, etc.
Hours: 42 hrs (3-0)
Credits: 3

SOCI 357 • Human Ecology
Prerequisite: Any 200-level Sociology (SOCI 201 recommended)
Human Ecology integrates information from diverse disciplines in exploring the evolution of human social systems. Among the topics examined are ecological principles and paradigms; the emergence and evolution of human societies; the effects on human society of the transition from food collecting to food production; the emergence of social stratification; the development of the state and civilization; the challenges of urban life; the impact on human populations of disease, especially newly emerging and re-emerging diseases; the population explosion and the impact on human society of globalization.
Hours: 42 hrs (3-0)
Credits: 3

SOCI 361 • Comparative Social Organization
Prerequisite: Any 200-level Sociology (SOCI 201 recommended)
The focus of this course is the study of social groups and organizations, stratification, conflict, and change.
Hours: 42 hrs (3-0)
Credits: 3

SOCI 365 • Social Stratification
Prerequisite: Any 200-level Sociology (SOCI 201 recommended)
This course serves as an introduction to social inequality and the major sociological theories of social stratification. It examines multiple avenues of stratification and the ways in which social structure enables and constrains individuals in negotiating social inequalities. It specifically draws on student experiences to consider and interrogate everyday social inequality.
Hours: 42 hrs (3-0)
Credits: 3

SOCI 371 • Sociology of Families
Prerequisite: Any 200-level Sociology (SOCI 201 recommended)
This course interrogates notions of families and family life. It does so through consideration of coupling, child rearing and family systems as well as processes of aging and change within families throughout the life course. In doing so, it provides a foundation for further study of families and family life. NOTE: Students cannot receive credit for both SOCI 371 and SLGY 2271.
Hours: 42 hrs (3-0)
Credits: 3

SOSC (Soil Science)

SOSC 213 • Soil Resources
This course provides an investigation into the formation, description, identification, and classification of soils. The lab emphasizes the basic biological, chemical, and physical techniques used to describe and classify soils. Emphasis is placed on management of soil as a resource in natural and altered ecosystems.
Hours: 70 hrs (3-2)
Credits: 4

SOST (Social Studies)

SOST 010 • Canada Today (Selected Topics)
Corequisite: ENGL 010
Development of Canada’s sovereignty, national security and role in the world are the basic topics covered in this course. A study of Canada throughout history with regards to politics, laws, internal struggles and international involvement are covered.
Hours: 84 hrs (6-0)
Credits: 4
Available On-Site and in a Distributed Learning Format

SOST 020 • The Contemporary World: Political and Social Changes
Prerequisite: SOST 010 strongly recommended
Corequisite: ENGL 020
This course is divided into two major sections - tradition and change, and interdependence in the global environment. The first section deals with the history of Europe from the Renaissance to WWI. The second section focuses on the economic and social aspects of the global community.
Hours: 84 hrs (6-0)
Credits: 4
Available On-Site and in a Distributed Learning Format
SOST 030 • Perspectives on Ideology
Prerequisite: ENGL 020
Students will explore the origins and complexities of ideologies and examine multiple perspectives regarding the principles of classical and modern liberalism. An analysis of various political and economic systems will allow students to assess the viability of the principles of liberalism. Developing understandings of the roles and responsibilities associated with citizenship will encourage students to respond to emergent global issues.
Hours: 84 hrs (6-0)
Credits: 4
Available On-Site and in a Distributed Learning Format

SOST 033 • Understanding of Ideologies
Students will examine the origins, values and components of competing ideologies. They will explore multiple perspectives regarding relationships among individualism, liberalism, common good and collectivism. An examination of various political and economic systems will allow students to determine the viability of the values of liberalism. Developing understandings of the roles and responsibilities associated with citizenship will encourage students to respond to emergent global issues.
Hours: 84 hrs (6-0)
Credits: 4
Available in Distributed Learning Format Only

SPAN (Spanish)
SPAN 101 • Beginners’ Spanish I
Introduction to Spanish designed to meet your needs if you have no previous knowledge of the language and if you want to learn the language for practical reasons (for example, for purposes of travel, tourism, and basic commerce). The course provides instruction in all aspects of communication in Spanish (listening, speaking, reading, and writing). NOTE: Not to be taken by students with native or near native proficiency in Spanish, or with credit in Spanish 30 or its equivalents in Canada and other countries.
Hours: 70 hrs (4-1)
Credits: 4

SPAN 103 • Beginners’ Spanish II
Prerequisite: SPAN 101
Continuation of SPAN 101. NOTE: Not to be taken by students with native or near native proficiency in Spanish, or with credit in Spanish 30 or its equivalents in Canada and other countries.
Hours: 70 hrs (4-1)
Credits: 4

SPAN 201 • University Transfer: Beginners’ Spanish I
This is a comprehensive Spanish course designed to meet your needs if you are a university transfer student with no prior knowledge of the language. The course includes training in listening, speaking, reading and writing of Spanish in its cultural context. SPAN 201 and its continuation course, SPAN 203, are designed to prepare you for more advanced level university study in the language. NOTE: Not to be taken by students with native or near native proficiency in Spanish, or with credit in Spanish 30 or its equivalents in Canada and other countries.
Hours: 70 hrs (4-1)
Credits: 4

SPAN 203 • University Transfer: Beginners’ Spanish II
Prerequisite: SPAN 201
Continuation of Spanish 201. NOTE: Not to be taken by students with native or near native proficiency in Spanish, or with credit in Spanish 30 or their equivalents in Canada and other countries.
Hours: 70 hrs (4-1)
Credits: 4

SPCH (Speech)
SPCH 2001 • Introduction to Public Speaking
This course provides an introduction to current theories of communication. An understanding of effective communication and its potential is promoted through participation in a variety of speaking situations. Opportunity is given for group discussion; audience analysis; development of good listening habits and how to research, organize and prepare various types of speeches. This course is a Mt. Royal University course for students in their Third and Fourth year. The numbering system is based upon their guidelines. Students register through Medicine Hat College. NOTE: Students cannot receive credit for both SPCH 2001 and COMM 250.
Hours: 42 hrs (3-0)
Credits: 3

STAT (Statistics)
STAT 213 • Introduction to Statistics I
Prerequisite: MATH 30
Introduction to the collection and presentation of data. You receive an introduction to probability including Bayes’ law, expectations and distributions. The properties of the normal curve will be discussed. An introduction to estimation and hypothesis testing is also provided.
Hours: 70 hrs (3-2)
Credits: 4

STAT 217 • Introduction to Statistics II
Prerequisite: STAT 213 or STAT 251 or STAT 333
This course includes estimation of population parameters, confidence intervals for means, and choice of sample size. You also cover topics such as test of hypotheses including two-sample tests and paired comparisons, the Chi-squared tests for association and goodness-of-fit, regression and correlation, variance estimates, tests for regression and correlation coefficients, non-parametric methods and associated tests, analysis of variance.
Hours: 70 hrs (3-2)
Credits: 4

STAT 251 • Introduction to Applied Statistics
Prerequisite: MATH 030 or equivalent
Introduction to data collection, data presentation and descriptive statistics. Probability distributions, sampling distributions and the central limit theorem are covered, as are point estimation and hypotheses testing. Subjects such as correlation and regression analysis, goodness to fit, A.N.O.V.A., and contingency tables are included.
Hours: 70 hrs (3-2)
Credits: 4
STAT 333 • Statistics for the Life Sciences
Prerequisite: MATH 30 or equivalent
This course includes exploratory data analysis, relationships between variables, elementary probability, random variables, statistical inference, and hypothesis testing, as well as the application of statistical methods to medical and biological problems through data simulations.
Hours: 84 hrs (3-3)
Credits: 4

TAPC (Therapist Assistant Program)

TAPC 110 • Introduction to Health Care and Rehabilitation
This course provides a study of Canada’s current health care system with a detailed focus on rehabilitation philosophy and the professions of physical therapy, occupational therapy, and speech-language pathology. The roles of the occupational therapist assistant / physical therapist assistant and speech-language pathologist assistant are introduced. Skills and knowledge are developed through exposure to clinical rehabilitation settings, institutional policies and procedures, universal precautions, and documentation.
Hours: 56 hrs (1.5-2.5)
Credits: 3
Available On-Site and in a Distributed Learning Format

TAPC 111 • Rehabilitation Process
Prerequisite: A minimum of a C grade in IDST 100 & KNES 261 & TAPC 110
This course provides a continuation of the introduction to client care practices and processes in rehabilitation. Fundamental knowledge and skills, including monitoring client health, ethics, disability awareness, helping relationships, challenging behaviors, teaching fundamentals, body mechanics, positioning and draping, client instruction, group work, and administrative activities, prepare the occupational therapist assistant / physical therapist assistant and speech-language pathologist assistant for the clinical role.
Hours: 70 hrs (3-2)
Credits: 4
Available On-Site and in a Distributed Learning Format

TAPC 112 • Health Disorders & Conditions in Rehabilitation
Prerequisite: A minimum of a C grade in IDST 100 & KNES 261 & TAPC 110
This course provides an introduction to developmental, physical, and mental health conditions experienced by rehabilitation clients. Topics include essential terms, etiology, signs, symptoms, and medical/rehabilitation goals and interventions, as well as primary and long-term effects of the condition.
Hours: 56 hrs (3-1)
Credits: 3
Available On-Site and in a Distributed Learning Format

TAPC 113 • Growth and Development for Rehabilitation Service Providers
Prerequisite: A minimum of a C grade in IDST 100 & KNES 261 & TAPC 110
This course provides an introduction to the study of growth and development across the lifespan with an emphasis on speech and language, physical, motor, cognitive, sensory, and social development, including their underlying physiological processes. The focus will be the applicability of this information to rehabilitation service providers.
Hours: 84 hrs (3-3)
Credits: 4
Available On-Site and in a Distributed Learning Format

TAPC 209 • Directed Study
Prerequisite: Coordinator approval
This is a bridging course to assist blending previous education and experience into current program requirements. The focus is on addressing topics specific to the individual needs of the occupational therapist assistant / physical therapist assistant and speech-language pathologist assistant student.
Hours: 42 hrs (3-0)
Credits: 3
Available by Directed Study Only

TAPC 210 • Professional Integration for the Therapist Assistant
Prerequisite: A minimum of a C grade in OPTA 212 or SLPA 212
This is an integrative course covering current rehabilitation topics, including research, interprofessional collaboration, and professional rehabilitation organizations. The capstone project includes the development and presentation of a professional poster.
Hours: 14 hrs (1-0)
Credits: 1
Available On-Site and in a Distributed Learning Format

TCOM (Technical Communications)

TCOM 110 • Technical Communications
This course covers written and oral communication skills for preparing and presenting scientific and technical reports. Basic writing skills, oral communication skills, and communication graphics (charts, figures, data) are discussed. Communication skills also involve building arguments based on evidence; this course introduces methods of finding, evaluating, and citing scientific references (and other information sources) to back up arguments. Students will write a scientific report and build a resume.
Hours: 70 hrs (3-2)
Credits: 4

ZOOL (Zoology)

ZOOL 224 • Vertebrate Diversity
Prerequisite: BIOL 233
This course is a survey of the major lineages of vertebrates, emphasizing evolutionary relationships and classification, as well as characteristics and adaptations of the major groups.
Hours: 84 hrs (3-3)
Credits: 4
ZOOL 375 • An Introduction to Invertebrate Zoology  
Prerequisite: BIOL 233  
This course provides a structural, functional, and phylogenetic survey of protest and metazoan invertebrate phyla that comprise a majority of all animals with an emphasis on the lophotrochozoan and ecdysozoan protostomes and the deuterostomes. Laboratories emphasize the functional morphology of major phyla occurring in Canada’s streams, lakes and oceans, including insect and parasite representatives.  
Hours: 84 hrs (3-3)  
Credits: 4

ZOOL 377 • Comparative Anatomy of the Vertebrates  
Prerequisite: ZOOL 224  
This course focuses on comparative anatomy of the vertebrates; providing an understanding of the functional and structural organization, development, and adaptive radiation of vertebrates in the environment.  
Hours: 84 hrs (3-3)  
Credits: 4