

course descriptions

In this section, courses are listed to show what is normally offered at Red Deer College. Some courses are not offered every year. Check the timetable to see if specific courses will be offered.

Each course is identified by the name of the subject, followed by a course number and a course weight. The instructor/student contact hours are also shown as well as the number of weeks the course normally lasts, the title of the course, and a brief description.

Example:

ACCT 206-3 (BC=4)

(3-1) 15 weeks

Auditing

ACCT	name of the subject, often an abbreviation
206	the course number which gives the course a unique identity
-3	the number which follows the dash is the course credit weight
(BC=4)	the number of billing credits
(3-1)	the instructor/student contact hours per week; 3 hours of class and 1 hour of lab
15 weeks	the number of weeks the class runs
Auditing	the title of the course

Assignment of Academic Credits, or Credit Weight, to Courses

Course credits are a measure of learning opportunities based on the number and type of instructional hours or equivalent learning experiences. For Red Deer College Diploma and Certificate courses, academic credits are normally equal to billing credits. For courses in University Transfer Programs, academic credits are normally equal to the credit given at university. This is usually equal to the number of lecture hours.

Definitions

Credit - The equivalent of 15 hours of class instruction. (Example: 1 hour per week for 15 weeks including the final exam period.

Course - A series of learning opportunities within a specific subject area to which a final grade is assigned.

Courses have a variety of learning opportunities, among which are the following:

Class - a series of learning activities aimed at acquiring theory.

i) Activities in the class are directed by the instructor

OR

ii) Context based Learning

Lab - a series of structured learning activities to facilitate the application of concepts, theories and principles.

Seminar/Tutorial - a series of structured learning activities aimed at further exploration and application of concepts, theories and principles.

Clinical - a series of learning activities aimed at applying theory in prescribed clinical experiences.

Practicum - a learning activity aimed at combining theory with practical experience.

Field Work - an educational experience involving work of a practical nature acquired by students in a work situation.

Instructor/Student Contact Hours

The figures in brackets following the course title and number show the number of contact hours per week. The first figure is the number of class hours. The last figure is the number of lab hours. Seminar hours are identified with an S. Practicum, Clinical and Fieldwork are usually expressed as total hours.

(3-0) Three hours of classes per week. No labs.

(3-3) Three hours of classes and three hours of labs per week.

(0-3) No classes.

Three hours of labs per week.

(3-1S-3) Three hours of classes, 1 hour of seminar, and three hours of labs per week.

(3/2) Classes on alternate weeks

Course Length

Length of courses may vary, see timetable for length of courses.

A term usually lasts 15 weeks, including the exam period. Courses lasting 15 weeks are called term courses.

Some courses last two terms, or 30 weeks. This includes two exam periods, one at the end of each term. These courses usually run from September to April. They are called full courses.

Prerequisites and Co-requisites

Courses listed as prerequisites must be completed before you start the course in question. For example, BIOL 297 lists Biology 30 or equivalent as prerequisite. This means that you must complete Biology 30 or equivalent before you can take BIOL 297. Courses listed as co-requisites must be taken at the same time as the course in question.

Note: You usually have to complete a junior course in the same subject before you can take a senior course. This is true even if it is not listed as a prerequisite. If you wish to register in a 300-level course without having taken at least one 200-level course in the same subject, check with an advisor.

Restricted Courses

Some courses are available only if you are admitted to a certain program.

Reserved Courses

Some courses are available first to students in a certain program. Once most students have registered, these courses are opened to all students.

You can find information on restricted and reserved courses in the College Timetable.

➤ **Accounting**

ACCT 075-6 (BC=6)
(6-0) 15 weeks
Basic Accounting
See “Career and Academic Preparation Courses,” page 190.

ACCT 102-4 (BC=4)
(4-0) 15 weeks
Introductory Accounting I
Theory and practice of accounting as applied to the accumulation, external reporting, and external uses of financial accounting information.
Credit will not be granted for both ACCT 102 and 202.

ACCT 103-4 (BC=4)
(4-0) 15 weeks
Introductory Accounting II
Preparing and analysing accounting information for shareholder and management use.
Prerequisite: ACCT 102
Credit will not be granted for both ACCT 103 and 202.

ACCT 104-3 (BC=3)
(3-0) 15 weeks
Managerial Accounting
Using accounting information for managerial decision making, operating and capital budgets, and product costing.
Prerequisite: ACCT 102
Credit will not be granted for both ACCT 104 and 204.
Diploma students may take either ACCT 104 or 204. Bachelor of Commerce must take ACCT 204 (and may not take ACCT 104).

ACCT 106-4 (BC=4)
(3-2) 15 weeks
Management Accounting and Finance
Using accounting information for managerial decision making. Budgeting, financial forecasting and analysis, and an introduction to corporate finance.
Prerequisite: ACCT 102
Credit will not be granted for both ACCT 104 and 106.

ACCT 202-3 (BC=5)
(5-0) 15 weeks
Introductory Financial Accounting
Postulates, principles of accounting relating to external reporting, and uses of financial accounting information. Emphasis is on accounting for organizational resources and equities, preparing and analysing financial statements, and reporting to owners, creditors, and other external decision makers.
Note: Designed for Second Year Commerce Students.
Credit will not be granted for both ACCT 102/103 and 202.

ACCT 204-3 (BC=3)
(3-0) 15 weeks
Managerial Accounting
ACCT 204 covers the same topics as ACCT 104 in more depth and adds several additional topics.
Prerequisite: ACCT 103 or 202
Credit will not be granted for both ACCT 104 and 204.
Bachelor of Commerce students must take ACCT 204. Diploma students may take either ACCT 104 or 204.

ACCT 205-3 (BC=3)
(3-0) 15 weeks
Cost Accounting
Basic cost accounting and multiple purpose systems for management control. Profit-cost relationships. Inventory valuation. Material costing. Budgeting and performance evaluation. Standard costs. Variance analysis. Direct costing and relevant costing. Cost allocation. Process costing.
Prerequisite: ACCT 104 or 204.

ACCT 206-3 (BC=4)
(3-1) 15 weeks
Auditing
Objectives, principles, standards, and procedures of external auditing. Audit of assets, liabilities, equity, revenue, and expenses.
Prerequisite: ACCT 103 or 202.

ACCT 209-4 (BC=5)
(4-1) 15 weeks
Intermediate Financial Accounting I
Generally accepted accounting principles. Objectives of financial statements. Revenue recognition. Time value of money. Valuation of current assets. Accounting for inventories. Fixed assets and long-term investments.
Prerequisites: ACCT 103 or 202.

ACCT 210-4 (BC=5)
(4-1) 15 weeks
Intermediate Financial Accounting II
Monetary and non-monetary liabilities. Accounting for bonds, leases, pensions, and shareholders’ equity. Tax allocation. Analysing financial statement information. Statement of changes in financial position. Accounting for changes and correcting errors.
Prerequisite: ACCT 209.

ACCT 211-3 (BC=3)
(3-0) 15 weeks
Personal Taxation
The Income Tax Act as it relates to calculating personal income tax. Employment income and property income. Capital gains. General deductions, exemptions, and tax rates. Aspects of tax planning. Does not cover unincorporated business income.
Prerequisite: ACCT 103 or 202 or consent of the instructor.

ACCT 212-3 (BC=3)
(3-0) 15 weeks
Corporate Taxation
The Income Tax Act as it relates to calculating corporate taxes. Rules for business expense deductions. Capital cost allowance. Details of calculating taxes. Filing requirements.
Prerequisite: ACCT 211

➤ **Anthropology**

Note: Not all courses listed may be offered. Check Course Timetable for availability.

ANTH 200-3 (BC=3)
(3-0) 15 weeks
People & Biocultural Evolution
An examination of people and culture around the world. The focus will be on archaeological and physical anthropological components (race, evolution).

ANTH 201-3 (BC=3)
(3-0) 15 weeks
People and Culture
An examination of people and culture around the world. The focus will be on cultural anthropological components (language, culture growth and culture change).

ANTH 203-3 (BC=3)

(3-0) 15 weeks

Introduction to Anthropology

Provides a general introduction to Anthropology through the study of central concepts and key issues, including culture, human cultural development, biological evolution, social organization, cultural theory, symbolic systems and culture change.

Note: You cannot receive credit for ANTH 203 if you have previously taken either ANTH 200 or 201.

ANTH 204-3 (BC=3)

(3-0) 15 weeks

Global Citizenship

A survey of basic elements of global citizenship. Central concepts to building knowledge and understanding of the interconnectedness of human cultures will be explored by focusing on topics including social justice and equity, diversity, globalization and interdependence, sustainable development, and peace and conflict.

ANTH 306-3 (BC=3)

(3-0) 15 weeks

Introduction to Archaeology

The nature, purposes, theory, and methods of anthropological archaeology. Emphasis is on how past societies are reconstructed from archaeological evidence and the explanation of cultural evolution.

Prerequisite: ANTH 200 or ANTH 203, or consent of the Department.

ANTH 307-3 (BC=3)

(3-0) 15 weeks

Introduction to Social and Cultural Anthropology

Comparing human society and culture, particularly non-Western communities. Emphasis is on the family, social structure, political institutions, religion, and processes of change.

Prerequisite: ANTH 201 or ANTH 203, or consent of the Department.

ANTH 308-3 (BC=3)

(3-0) 15 weeks

Introduction to Linguistic Anthropology

Language and communication in the context of anthropology. A brief survey of field and analytic methods. Theory of linguistic anthropology.

Prerequisite: ANTH 201 or ANTH 203, or consent of the Department.

ANTH 309-3 (BC=3)

(3-0) 15 weeks

Introduction to Physical Anthropology

Human evolution and human variation. Topics include primatology, osteology, hominoid palaeontology, and variation in modern populations.

Prerequisite: ANTH 200 or ANTH 203, or consent of the Department.

ANTH 321-3 (BC=3)

(3-0) 15 weeks

Ethnographic Survey of Latin America

A survey of cultural traditions of Mexico, the Caribbean, and Central and South America as they have evolved since the 16th century.

Prerequisite: ANTH 201 or ANTH 203, or consent of department.

ANTH 323-3 (BC=3)

(3-0) 15 week

Ethnographic Survey of Africa

Anthropology 323 will survey various groups across Africa going from traditional foraging groups through to current industrial societies in Africa.

Prerequisite: ANTH 201 or ANTH 203, or consent of the department.

ANTH 327-3 (BC=3)

(3-0) 15 weeks

Globalization and Indigenous/Cultural Minorities

The survival of indigenous and minority cultures in various societies. Relationships among race, class, culture, and politics. Genocide, ethnocide, and the future of native peoples in the modern state.

Prerequisite: ANTH 201 or ANTH 203 or consent of the Department.

ANTH 330-3 (BC=3)

(3-0) 15 weeks

Technology and Culture

Evolution of tools and techniques. How society adapts to environment through technology. Relationships between technology, ideology, and social organization.

Prerequisite: ANTH 201 or ANTH 203 or consent of the Department.

ANTH 331-3 (BC=3)

(3-0) 15 weeks

Anthropology of Gender

Comparative analysis of gender as a central feature of social identity and of social relations of power, with particular reference to feminist approaches to the exploration of women's experience in their historical and cultural variety.

Prerequisite: ANTH 201 or ANTH 203, or consent of the department.

ANTH 356-3 (BC=3)

(3-0) 15 weeks

Ethnographic Survey of First Nations of Canada

The cultural history of the First Nations peoples of Canada including the analysis of the contemporary groups.

Prerequisite: ANTH 201 or ANTH 203, or consent of the Department.

ANTH 357-3 (BC=3)

(3-0) 15 weeks

Applied Anthropology

Introduction to the practical use of anthropological knowledge and research methods. Includes discussion of the specific challenges of practicing anthropology outside of academia.

Prerequisite: SOCI 310 or SOCI 312 or consent of the department. You cannot receive credit for ANTH 357 if you have previously taken SOCI 322.

ANTH 361-3 (BC=3)

(3-0) 15 weeks

Peoples & Cultures of Central America

Cultural history of the native peoples of Mexico and Guatemala. Contemporary Indian communities.

Prerequisite: ANTH 201 or ANTH 203, or consent of the Department.

ANTH 363-3 (BC=3)

(3-0) 15 weeks

Anthropological Perspectives on Religion

Contemporary anthropological theoretical perspectives on indigenous and world religions.

Prerequisite: ANTH 201 or ANTH 203 or consent of the Department.

ANTH 391-3 (BC=4)

**(3-0-3) 15 weeks
Human Osteology**

This is a comprehensive and intensive course on human skeletal material in archaeological context. Lectures and labs will cover techniques for identifying complete and fragmentary skeletal and dental elements, for recognizing the form and function of soft tissue attachments, on bones and for determining individualizing characteristics such as age at death and sex. Additional topics include skeletal growth and development, the identification of the normal range of variation in human skeletal anatomy, and distinguishing human from animal bones. This course should be considered essential for students planning future work in the interpretation of modern and archaeological human remains or the hominid fossil record.

Prerequisites: ANTH 309, or a course in Biology or Zoology, or consent of the Department.

► **Art**

Note: Not all courses listed may be offered. Check Course Timetable for availability.

ART 101-5 (BC=5)

**(0-1) 15 weeks
Visiting Artists**

This is a presentation based course featuring a diverse range of visiting artists who are professionally active in the visual art studio areas. Presentations will contain a variety of graphic content.

Note: This course will be evaluated using a credit (pass)/non-credit (fail) grading system based upon 75% attendance.

Note: Repeat for credit 4 times for 2 credits. To complete their program requirement, BFA and Visual Art students must have completed a total of 2 credits in ART 101. Beginning date for ART 101 is Fall 2002.

ART 201-3 (BC=3)

**(3-0) 15 weeks
Art History I**

A survey of Art History from Prehistoric to Renaissance.

ART 203-3 (BC=3)

**(3-0) 15 weeks
Art History II**

A survey of Art History from Renaissance to modern.

ART 231-3 (BC=5)

(4-2) 15 weeks

Visual Fundamentals I

A studio-based course concerned with the analysis of information expressed visually in two dimensions.

ART 233-3 (BC=5)

(4-2) 15 weeks

Visual Fundamentals II

ART 231 continued. Studio based. Analysing information expressed visually in three dimensions.

ART 241-3 (BC=5)

(4-2) 15 weeks

Drawing I

Basic theory and practice of drawing.

Note: May include use of life models

ART 243-3 (BC=5)

(4-2) 15 weeks

Drawing II

ART 241 continued. Basic theory and practice of drawing. Emphasis is on analysis and motivation.

Prerequisite: ART 241.

Note: May include use of life models

ART 251-3 (BC=5)

(4-2) 15 weeks

**Two Dimensional Studies -
Painting I**

Introduction to various materials and techniques in both traditional and contemporary formats.

Note: May include use of life models

ART 261-3 (BC=5)

(4-2) 15 weeks

**Three Dimensional Studies -
Ceramics I**

Ceramic process in image and idea.

ART 281-3 (BC=5)

(4-2) 15 weeks

**Three Dimensional Studies -
Sculpture I**

Sculptural process in image and idea.

ART 301-3 (BC=3)

**(3-0) 15 weeks
Art History**

Forms and concepts in art and architecture in Canada. Early French and English colonial periods to Confederation.

ART 303-3 (BC=3)

(3-0) 15 weeks

Art History

Forms and concepts in Canadian art and architecture from Confederation to modern. The Group of Seven, Nationalism, Regionalism, and more recent development.

ART 305-3 (BC=3)

(3-0) 15 weeks

Art History

European painting, sculpture, and architecture. The nineteenth century to the end of Impressionism.

ART 306-3 (BC=3)

(3-0) 15 weeks

Art History

Painting, sculpture, and architecture. From the end of Impressionism, through the early art movement of the 20th century, to the 1950's.

ART 341-3 (BC=5)

(4-2) 15 weeks

Drawing III

Theory and practice of drawing. Emphasis is on developing more advanced drawing and perception skills.

Prerequisite: ART 231, 233, 243.

Note: May include use of life models

ART 343-3 (BC=5)

(4-2) 15 weeks

Drawing IV

Emphasis is on refining technique and resolution of working concepts.

Prerequisite: ART 341.

Note: May include use of life models

ART 351-3 (BC=5)

(4-2) 15 weeks

Painting II

ART 251 continued. A contemporary approach to painting that develops individual strengths, using a problem solving approach.

Prerequisite: For AU, U of C, U of L, AUC, B.F.A. program: ART 251, 231, 233 and 243. For U of A, B.F.A. program: ART 231, 233, 243, 251, 281.

Note: May include use of life models

ART 353-3 (BC=5)
(4-2) 15 weeks
Painting III
 ART 351 continued.
 Prerequisite: ART 351.
Note: May include use of life models

ART 361-3 (BC=5)
(4-2) 15 weeks
Ceramics II
 Emphasis is on hand building and surface enrichment. Lectures, critiques, and studio practice.
 Prerequisite: ART 231, 233, 243 and 261.

ART 363-3 (BC=5)
(4-2) 15 weeks
Ceramics III
 Further work and study in clay. Kiln firing principles and introduction to throwing. Lecture, critiques, and studio practice.
 Prerequisite: ART 361.

ART 375-3 (BC=5)
(4-2) 15 weeks
Printmaking I
 Relief printmaking, including woodcut, wood engraving, linocuts, and colour printmaking.
 Prerequisites: For AU, U of C, U of L, AUC, B.F.A. program: ART 231, 233, 243.
 For U of A, B.F.A. program: ART 231, 233, 243, 251/281.

ART 377-3 (BC=5)
(4-2) 15 weeks
Printmaking II
 Silkscreen (serigraph) printmaking.
 Prerequisites: For AU, U of C, U of L, AUC, B.F.A. program: ART 231, 233, 243.
 For U of A, B.F.A. program: ART 231, 233, 243, 251/281.
 Corequisite: ART 379.

ART 379-3 (BC=5)
(4-2) 15 weeks
Printmaking III
 Intaglio and relief printmaking. Includes etching, engraving, collograph, and colour printing.

ART 381-3 (BC=5)
(4-2) 15 weeks
Sculpture II
 Developing and realizing sculpture using various techniques and materials.
 Prerequisites: FOR U of C, U of L, AUC, B.F.A. Program: ART 231, 233, 243, 281.
 For U of A, B.F.A. Program: ART 231, 233, 243, 251/281.

ART 383-3 (BC=5)
(4-2) 15 weeks
Sculpture III
 Further study and work in sculpture.
 Prerequisite: ART 381.

ART 441-3 (BC=5)
(4-2) 15 weeks
Drawing
 Emphasis is on an individual problem solving approach. You have more responsibility to set visual and conceptual parameters and to extend your visual inquiry process.
 Prerequisite: ART 343
 Co-requisite: ART 499
Note: May include use of life models

ART 443-3 (BC=5)
(4-2) 15 weeks
Drawing
 ART 441 continued.
 Prerequisite: ART 441.
 Co-requisite: ART 499
Note: May include use of life models

ART 451-3 (BC=5)
(4-2) 15 weeks
Painting
 Expanding your ability in and knowledge of painting concepts and processes. Using and handling related media.
 Prerequisite: ART 353.
 Co-requisite: ART 499

ART 453-3 (BC=5)
(4-2) 15 weeks
Painting
 ART 451 continued.
 Prerequisite: ART 451
 Co-requisite: ART 499

ART 461-3 (BC=5)
(4-2) 15 weeks
Ceramics
 ART 363 continued. Emphasis is on refining personal imagery in terms of composition and conception. More in-depth understanding of ceramic techniques.
 Prerequisite: ART 363.
 Co-requisite: ART 499

ART 463-3 (BC=5)
(4-2) 15 weeks
Ceramics
 ART 461 continued.
 Prerequisite: ART 461.
 Co-requisite: ART 499

ART 475-3 (BC=5)
(4-2) 15 weeks
Printmaking - Relief Intaglio
 Technology of relief and intaglio printing processes. Developing personal imagery, effective visual communication, composition, and design.
 Prerequisite: ART 375, 379.
 Co-requisite: ART 499

ART 479-3 (BC=5)
(4-2) 15 weeks
Printmaking - Relief Intaglio
 ART 475 continued.
 Prerequisite: ART 375, 379.
 Co-requisite: ART 499

ART 481-3 (BC=5)
(4-2) 15 weeks
Sculpture
 Extending your performance base as it relates to ideas, media, and process.
 Prerequisite: ART 383.
 Co-requisite: ART 499

ART 483-3 (BC=5)
(4-2) 15 weeks
Sculpture
 ART 481 continued.
 Prerequisite: ART 481.
 Co-requisite: ART 499

ART 499-3 (BC=4)
(4-2) 15 weeks
Studio Practice
 Self directed studio research and production. Required co-requisite for students registered in 400 Level studio courses.
Note: May be repeated for credit

► Astronomy

ASTR 205-3 (BC=3)
(3-0) 15 weeks

The Modern Universe

A survey of modern astronomy with a focus on how our present views of the universe developed. Exploring the solar system by telescope and spacecraft. The birth and death of stars. Variable stars. Interstellar medium. The Milky Way and other galaxies. Pulsars (neutron stars) and supernovae. The concept of a black hole. Exploding galaxies (radio galaxies) and quasars. The evolution of the universe. The possibilities of extraterrestrial life and interstellar communication.

► Automotive Service

EMP 101-4 (BC=4)
(60 class hours)

Employment & Communications I

Introduction to written and oral communication skills with emphasis on business style correspondence. Course also includes WHMIS, Standard First Aid and CPR Certifications.

EMP 102-1 (BC=1)
(15 class hours)

Employment & Communications II

Further practice in written and oral communication skills with emphasis on problem solving, interview skills and resume writing.

Prerequisite: EMP 101

AUTO 101-2 (BC=2)
(20 class hours, 10 lab hours)

Tools and Safety

Knowledge and skills required to identify and safely use basic hand tools, common power tools, measuring tools and fastening devices.

AUTO 102-5 (BC=5)
(50 class hours, 40 lab hours)

Brakes

Knowledge and skills required to diagnose and repair master and wheel cylinders, disc brakes, drum brakes, brake valves and park brakes, power brakes and antilock brake systems.

Pre or Co-requisite: AUTO 101

AUTO 103-3 (BC=3)
(45 class hours, 15 lab hours)

Electrical I

Obtain basic electrical knowledge and develop skills required to diagnose and repair automotive electrical systems.

Pre or Co-requisite: AUTO 101

AUTO 104-1 (BC=1)
(6 class hours, 12 lab hours)

Welding

Safe use of oxyacetylene and MIG equipment. Acquire basic knowledge and skills for safe use of gas heating and cutting and MIG equipment.

Pre or Co-requisite: AUTO 101

AUTO 105-1 (BC=1)
(20 class hours)

Powertrains and Drivelines

Knowledge and skills required to diagnose and repair clutches, driveshafts, universal joints and constant velocity joints.

Pre or Co-requisite: AUTO 101

AUTO 106-1 (BC=1)
(15 class hours, 10 lab hours)

Basic Transmissions

An overview of manual transmission operation and diagnosis, along with automatic transmission service.

Pre or Co-requisite: AUTO 101

AUTO 107-4 (BC=4)
(45 class hours, 25 lab hours)

Steering and Suspension

Acquire knowledge and develop skills to service and repair steering linkages, suspension systems, wheels, hubs and tires, manual and power steering gears.

Prerequisites: AUTO 101

AUTO 108-5 (BC=5)
(45 class hours, 45 lab hours)

Wheel Alignment

Complements the steering and suspension course. Learn steering angles, alignment procedures, diagnosis and steering column construction. Use state of the art wheel alignment equipment.

Pre or Co-requisite: AUTO 101

AUTO 109-5 (BC=5)
(45 class hours, 35 lab hours)

Engine Fundamentals

An overview of basic engine construction and systems, including diagnosis and repair of common failures.

Prerequisite: AUTO 101

AUTO 110-2 (BC=2)
(30 class hours, 15 lab hours)

Electrical II

To obtain further knowledge of electrical circuit diagnostics and an overview of automotive computer systems.

Prerequisite: AUTO 103

AUTO 180-1 (BC=1)
(40 practicum hours)

Practicum I

Provides the student an opportunity to work in a shop setting and job shadow a journeyman technician.

Pre or Co-requisite: AUTO 101

AUTO 181-2 (BC=2)
(85 practicum hours)

Practicum II

The student will be job shadowing and applying skills he or she has learned in the Automotive Service Program in a shop setting.

Prerequisite: AUTO 180

► Biochemistry

BIOC 301-3 (BC=3)
(3-0-0) 15 weeks

Introductory Biochemistry

An introduction to the fundamental principles of biochemistry. Protein structure and function; lipids and the structure of biological membranes; nucleotides and the structure of nucleic acids; bioenergetics and the metabolism of carbohydrates, lipids, and nitrogen; the integration and regulation of cellular metabolism.

Prerequisites: CHEM 211 and 251

Restrictions: Students may only transfer BIOC 301 or BIOC 393 for credit.

BIOC 393-3 (BC=4)
(3-0-3) 15 weeks

Introduction to Biochemical Molecules

This is essentially the same course as BIOC 301 but has a laboratory.

Prerequisites: CHEM 211 and 251

Restrictions: Students may only transfer BIOC 301 or BIOC 393 for credit.

BIOC 430-3 (BC=3)
(3-0-0) 15 weeks

Nucleic Acids and Molecular Biology

This course is intended to provide students with a comprehensive introduction to the biochemistry of nucleic acids. It covers: the structure and properties of nucleotides and nucleic acids; DNA based information technologies; genes and chromosome structure; molecular mechanisms in DNA replication, repair, and recombination; RNA metabolism; protein synthesis and targeting; the regulation of gene expression.

Prerequisites: BIOC 301, CHEM 212 and 252. Students transferring to the University of Alberta with less than a B- in the prerequisite courses will not receive transfer credit for this course.

► **Biology**

(See also Microbiology, Bacteriology, Botany, Genetics, Physiology, and Zoology.)

Note: Not all courses listed may be offered. Check Course Timetable for availability.

BIOL 075-4 (BC=4)
(4-1) 15 weeks

Introductory Biology

See "Career and Academic Preparation Courses," page 190.

BIOL 095-6 (BC=6)
(5-2) 15 weeks

Preparatory Biology

See "Career and Academic Preparation Courses," page 190.

BIOL 201-3 (BC=4)
(3-0-3) 15 weeks

Concepts in Biology

Brief introduction to the philosophy of biology. Unity and diversity. How structure and function complement each other. Homeostasis. Genetics and evolution. Ecology. Biological basis of behaviour. Relationship between biology and society.

Prerequisite: Biology 30

BIOL 209-3 (BC=3)
(3-0-0) 15 weeks

Towards a Sustainable Society

The emergence of a sustainable worldview involves the emerging of ideas from science, religions, and economics. These ideas are coupled with a movement towards

integrating mind, body and spirit for social change. An experiential approach will be employed to explore our understanding and responses to critical world events and trends that impact our survival and well being.

Prerequisite: Biology 30 or Science 30 or Social 30 or equivalent

BIOL 217-3 (BC=4)
(3-3) 15 weeks

Introduction to Cell Biology

An introduction to cellular and molecular biology. Topics include: biological macromolecules; membrane structure and function; cellular structure; bioenergetics and energy flow; respiration and photosynthesis; cell division and the cell cycle; DNA structure and replication; transcription and translation; recombinant DNA and genetic regulation.

Prerequisite: Biology 30 & Chem 30

Note: BIOL 217 and 218 can be taken in either order.

BIOL 218-3 (BC=4)
(3-3) 15 weeks

Organisms in their Environment

An introduction to how the diverse organisms on this planet have been affected by their environment and how the current environment is the product of the activities or organisms. The course also examines how evolution has operated over long time periods to produce major groups of organisms and how evolutionary origins are reflected in their classification. The principles that underlie our understanding of the major lineages will be discussed using examples from bacteria, fungi, protists, animals, and plants. A description of the involvement of organisms in major ecosystem processes leads to an evaluation of the stability of those systems and of human impact on the processes.

Prerequisite: Biology 30

Note: BIOL 217 and 218 can be taken in either order.

BIOL 301-3 (BC=3)
(3-0-0) 15 weeks

Eukaryotic Cellular Biology

A structural and functional dissection of a eukaryotic cell. Detection of specific molecules at the ultrastructural level: plasma membrane structure and function: cytoskeleton involvement in intracellular transport, mitosis, and cytokinesis; the

endomembrane system, protein targeting, exocytosis and endocytosis; nuclear structure and function: cell cycle control and cancer.

Prerequisites: BIOL 217

Pre- or Co-requisite: CHEM 251 or 351.

BIOL 317-3 (BC=4)
(3-3) 15 weeks

Molecular Genetics and Heredity

The chromosomal and molecular basis for the transmission and function of genes. The construction of genetic and physical maps of genes and genomes. Strategies for the isolation of specific genes. Examples of regulatory mechanisms for the expression of the genetic material in prokaryotes and eukaryotes.

Note: Credit will not be given for BIOL 317 and 297

Prerequisite: BIOL 217

BIOL 318-3 (BC=4)
(3-3) 15 weeks

Principles of Ecology

Ecology is the scientific study of interactions between organisms and their environment in a hierarchy of levels of organization: individuals, populations, communities, and ecosystems. The course is designed to provide a comprehensive survey of general concepts that can stand alone or serve as preparation for advanced courses in ecology.

Laboratory exercises focus on the scientific method, experimental design, critical thinking and scientific writing.

Prerequisite: BIOL 218

► **Botany**

BOTA 310-3 (BC=4)
(3-3) 15 weeks

The Plant Kingdom - Vascular Plants

A comparative survey of vascular plants focusing on their morphology, classification and phylogeny. Emphasis is placed on living plant groups with some paleobotanical evidence presented.

Prerequisite: BIOL 218

➤ **Business**

BUS 201-3 (BC=3)
(3-0) 15 weeks

Introduction to Business

This course covers the foundations for future courses in the B.Comm. program including accounting, organization behaviour, finance, information systems and marketing. Cases, group projects and a computerized business game may be used.

BUS 303-3 (BC=3)
(3-0) 15 weeks

Introduction to Organizational Behaviour

An introduction to the factors that influence human behavior in organizations. Topics include perception, personality, values, group behavior, leadership, politics and power. Students will be encouraged to use this information to better understand themselves and how they make choices in organizations.

BUS 305-3 (BC=3)
(3-0) 15 weeks

Organization Theory and Analysis

Organizational structure and processes. Theoretical models used to analyse and manage organizations. The context of organization theory. Problems and use of classical and modern theory. Organization dynamics.

Prerequisite: BUS 303.

BUS 306-3 (BC=4)
(3-1) 15 weeks

Introduction to Business Statistics I

The use of statistics and probability in business decision making. Methods of collecting, organizing, interpreting, and presenting data. Measures of central tendency and dispersion. Discrete and continuous probability distributions. Standard normal distribution. Sampling and statistical estimation. Testing hypotheses.

Credit will not be granted for both BADM 111 and BUS 306.

BUS 307-3 (BC=4)
(3-1) 15 weeks

Introduction to Business Statistics II

Statistical techniques used in business decision making, analysis of variances, chi-square distribution, non-parametric tests of hypothesis and multiple regression and correlation analysis.

Prerequisite: BUS 306 or BADM 111.

BUS 310-3 (BC=3)
(3-0) 15 weeks

Introduction to Finance

Types of securities and basic methods of valuation. Valuation and selection of physical and intellectual assets. Operation of asset markets and market efficiency. Risk measures and risk reduction methods. Financing policy, including choices between debt and equity financing.

Prerequisite: BUS 306

Co-requisite: ACCT 202

Note: It is strongly recommended that student complete ACCT 202 before registering in BUS 310.

BUS 311-3 (BC=3)
(3-0) 15 weeks

Legal Foundations of the Canadian Economy

Both the private and public sectors of our economy rest on a structure of legal and social institutions. This course looks at the Canadian legal system with emphasis on the social policy behind the rules, rather than on the rules of law themselves. Includes the nature, sources, philosophy, and policy objectives of the law. Selected topics from the field of tort and contract law.

➤ **Business Administration**

Note: Not all courses listed may be offered. Check Course Timetable for availability.

BADM 107-2* (BC=2)
(3-1) 15 weeks

Computer Skills for Business

BADM 107 is designed to provide students with requisite computing skills to succeed in BADM 207 Advanced Microcomputers. The course consists of three modules; CMPT 071-

Introduction to Computers, CMPT 083-Word Processing I, and CMPT 086-Spreadsheet Skills I.

*Non-traditional delivery in course

BADM 110-3 (BC=3)
(3-0) 15 weeks

Introduction to Management

A competency based course for managing organizations and people. Competency modules include: planning, organizing, controlling, delegating, meetings, ethics, time and stress management, critical thinking, conflict, negotiating, job re-design, and creative thinking. Case studies and team exercises are used to develop interpersonal and decision-making skills.

BADM 111-3 (BC=4)
(3-1) 15 weeks

Introduction to Statistics

The use of statistics and probability in business decision making. Methods of collecting, organizing, interpreting, and presenting data. Measures of central tendency and dispersion. Discrete and continuous probability distributions. Standard normal distribution. Sampling and statistical estimation. Testing hypothesis.

Credit will not be granted for both BADM 111 and BUS 306.

BADM 132-3 (BC=3)
(3-0) 15 weeks

Introduction to Marketing

The activities involved in the flow of goods and services from the manufacturer to the consumer. A consumer approach to marketing is stressed. Decisions on product, place, promotion, and pricing. Other related marketing topics and how they are used to develop policies and strategies.

BADM 204-3 (BC=3)
(3-0) 15 weeks

Interpersonal Skills

Theory and skills of interpersonal relations. Topics include: understanding and improving interpersonal relationships, perception, customer service, negotiation skills, conflict resolution, giving and receiving feedback, presentation skills, coaching and counselling, interviewing skills.

BADM 207-4 (BC=5)

(4-1) 15 weeks

Management Information Systems and Technology

The role of information systems, business processes and information technology in managing organizations and solving business problems. The effective use of system and productivity software such as spreadsheets, database applications and presentation tools. Note: Students who are deficient in the fundamental skills of file management, e-mail or word processing are encouraged to take the computing modules CMPT 071 and/ or CMPT 083 or enroll in full courses that include these modules: CMPT 085 or CMPT 261.

BADM 232-3 (BC=3)

(3-0) 15 weeks

Business Technology

Students will research, use and evaluate a variety of current technologies related to business. Through simulations and projects, the students will gain experience in the setup, operation and issues of modern business technology.

Prerequisite: BADM 207

BADM 233-3 (BC=3)

(3-0) 15 weeks

Web Development

This course introduces the students to coding for the web. Students will learn advanced programming in HTML as well as introductory concepts in CGI scripting and XML.

Prerequisite: BADM 207

BADM 234-3 (BC=3)

(3-0) 15 weeks

Web Design

Students will learn advanced web design using web authoring tools. Students will be furthering their knowledge of design and web layout by utilizing a variety of multimedia development tools.

Prerequisite: BADM 207

BADM 235-3 (BC=4)

(3-1) 15 weeks

Applied Database Development

Expands on the construction of simple database models to those involving more complex designs that deal with the interactions of multiple entities. Focuses on using tools that facilitate the development of user-specific applications on a stable

database infrastructure. Complex forms and reports and the usage of scripts using SQL or similar languages will be explored.

Prerequisite: BADM 207

BADM 238-3 (BC=4)

(3-1) 15 weeks

Electronic Commerce

The focus will be on the business strategies and procedures necessary to use the Internet to deliver goods and services

Prerequisite: CSYS 100 or BADM 207, or consent of department

BADM 240-3 (BC=3)

(3-0) 15 weeks

Personal Selling

The role of selling in the business world. The nature and rewards of selling. Details of the salesperson's job and qualifications. Knowledge and skills needed for successful selling. The sales process. The salesperson's personal, customer, and social responsibilities.

Prerequisite: BADM 132

BADM 241-3 (BC=3)

(3-0) 15 weeks

Advertising

Advertising and its role in the Marketing Mix. Advertising and society. The Promotional Mix. Functions of advertising agencies. Creative strategy. Media strategy. Advertising and the law.

Prerequisite: BADM 132

BADM 242-3 (BC=3)

(3-0) 15 weeks

Marketing Research

Methods of defining problems, collecting data, analysing data, and presenting results for marketing problems. Research methods used in all functions of business. Specific areas of market research, including the use of focus groups. Emphasis is on the marketing function of research.

Prerequisite: BADM 132

BADM 243-3 (BC=3)

(3-0) 15 weeks

Marketing Surveys

Marketing survey theory and skills. Research project, including designing and administering a questionnaire and tabulating and evaluating the project. Group and individual work.

Prerequisite: BADM 242

BADM 249-3 (BC=3)

(3-0) 15 weeks

Events Management

Theory and practice of planning, implementing, coordinating, marketing and evaluating various types of events including award ceremonies, convention planning, trade shows, fundraisers, festivals, seminars, and concerts.

Prerequisite: BADM 132 or consent of department.

BADM 251-3 (BC=3)

(3-0) 15 weeks

Entrepreneurship

This course develops the tools necessary for both future entrepreneurs and those already active in the business community to compete effectively in the world of commerce. Prospective entrepreneurs will learn how to investigate and evaluate business opportunities, and to acquire the skills and knowledge needed to establish new business ventures, as well as, how to meet the organization's social responsibility to its community.

Note: Designed for BADM students.

Note: Not open to students in the first year without consent of the department.

BADM 253-3 (BC=3)

(3-0) 15 weeks

Project Management

Designed to explore the basic elements of project management. This includes planning, scheduling, maintaining progress of the activities that comprise a project. By applying knowledge gained to actual projects, students are able to understand project life cycles, scheduling, planning, control and implementation.

BADM 260-3 (BC=3)

(3-0) 15 weeks

Introduction to Finance

The role of finance in today's business firms. Cash budgets, financial forecasting and analysis, and sources and uses of funds. Effective management of current assets, working capital, and fixed assets. Capital budgeting and methods of evaluating capital projects, with emphasis on discounted cash flow techniques. Class discussion of relevant case problems.

Prerequisite: ACCT 102/103 or 202.

Note: Designed for second year Business Administration students.

BADM 261-3 (BC=3)

(3-0) 15 weeks

Financial Management

The firm's optimal capital structure. Short-term, intermediate, and long-term sources of capital funds. Leasing, dividend policy, ledgers, and acquisitions. Class discussion of relevant case problems.

Prerequisite: BADM 260.

BADM 262-3 (BC=3)

(3-0) 15 weeks

Investments

Practical and theoretical aspects of investing in marketable securities are explored. Stocks, bonds, and other marketable securities, such as exchange traded funds and mutual funds, will be discussed. In particular the risks and returns from investing will be reviewed within the context of various types of securities markets. Various theories in behavioral finance are also discussed.

Prerequisite: ACCT 103 or 202

BADM 270-3 (BC=3)

(3-0) 15 weeks

Business Policy

The objectives of this course are to integrate learning from other courses in the Business Administration and Financial Services programs and to develop strategic thinking. In addition to studying the theory and application of business strategy, students will also run their own companies in a competitive business simulation, analyse the performance of companies and the environment and make presentations to management boards.

Prerequisite: Completion of all first year Business Administration and/or Financial Services diploma courses.

Prerequisite or Co-requisite: BADM 260 or BUS 310

BADM 280-3 (BC=3)

(3-0) 15 weeks

Industrial Relations

Labour relations and collective bargaining. Labour legislation, negotiating and administering collective agreements, and settling disputes. Concepts, theories, legislation, history, practices, and current trends and issues in the Canadian industrial relations system.

Prerequisite: BADM 281

BADM 281-3 (BC=3)

(3-0) 15 weeks

Human Resource Management

An introduction to human resource issues for the employee, supervisor, manager, and human resources staff. Planning, recruitment, selection, compensation, performance appraisal, and labour relations issues will be discussed.

Note: Designed for BADM students.

Note: Not open to students in the first year without consent of the department.

BADM 290-3 (BC=3)

(3-0) 15 weeks

Work Practicum

This course provides the student with an opportunity to work in a business setting and apply the skills he/she has learned in the Business Administration Program. Students are required to work at least 90 hours (normally unpaid) during the term. The instructor will assist in finding a suitable work placement.

Prerequisite: Completion of the 1st year of the Business Administration Program with a minimum GPA of 2.0.

BADM 320-3 (BC=3)

(3-0) 15 weeks

Selected Topics in Management

Specialized areas of managerial or entrepreneurial concerns, or both. Functional areas of business, including management, marketing, finance, accounting, and human resources. Course offering and specific topics depend on if an instructor is available.

BADM 321-3 (BC=3)

(3-0) 15 weeks

Selected Topics in Management

Specialized areas of managerial or entrepreneurial concerns, or both. Functional areas of business, including management, marketing, finance, accounting, and human resources. Course offering and specific topics depend on if an instructor is available.

BADM 327-1* (BC=1)

(2-1) 5 weeks

Quantitative Methods Module For Accountants

Selected Management Science and statistical topics for Accountants. Topics include linear programming, statistical decision theory, time series and index numbers.

Prerequisite: BUS 306 or BADM 111 or consent of the department.

*The successful completion of both BADM 327 and BUS 307 will enable students to obtain transfer credit for CGA's Quantitative Methods I.

► **Carpentry and Construction**

EMP 101-4 (BC=4)

(60 class hours)

Employment & Communications I

Introduction to written and oral communication skills with emphasis on business style correspondence. Course also includes WHMIS, Standard First Aid and CPR Certifications.

EMP 102-1 (BC=1)

(15 class hours)

Employment & Communications II

Further practice in written and oral communication skills with emphasis on problem solving, interview skills and resume writing.

Prerequisite: EMP 101

CARP 100-5 (BC=5)

(60 class hours, 45 lab hours)

Carpentry Trade Introduction

Knowledge of the Carpentry trade, materials for construction, hand tools, machines and power tools for further application.

CARP 103-3 (BC=3)

(30 class hours, 45 lab hours)

Blueprints I

Introduction to drawings and drawing instruments. Knowledge and skills to produce orthographic drawings, isometric drawings and free hand sketches. Also includes introduction to blueprint interpretation.

CARP 104-3 (BC=3)
(30 class hours, 45 lab hours)
Blueprints II

Knowledge and skills to read and interpret residential blueprints, light commercial blueprints and be able to produce shop drawings and sketches from blueprints.
Prerequisite: CARP 103

CARP 105-3 (BC=3)
(45 class hours)
Trade Mathematics I

Knowledge and skills using basic math concepts complemented with problem solving related to the Carpentry trade.

CARP 106-3 (BC=3)
(45 class hours)
Trade Mathematics II

The ability to interpret blueprints and basic math come together at this point to be able to calculate perimeter, area and volume measurements of materials for a specific project.
Prerequisite: CARP 105

CARP 107-2 (BC=2)
(15 class hours, 45 lab hours)
Carpentry Projects

This course offers the opportunity to apply the theory from the classroom to a variety of projects. Designed to improve hand skills in a safe environment.

CARP 108-2 (BC=2)
(15 class hours, 45 lab hours)
Carpentry Projects II

Once successful in CARP 107 students will use the skills learned to complete more complex projects focusing on quality, safety and organization. Projects will include hands on experience with layout and assembly of concrete forming, floor, wall and roof framing.
Prerequisites: CARP 100, 103, 105 & 107

CARP 110-4 (BC=4)
(45 class hours, 45 lab hours)
Building Procedures

Knowledge and skills required for the construction aspects of residential and light commercial building projects. This includes building layout, excavation, concrete forming and the framed structure.

CARP 120-3 (BC=3)
(45 class hours)
Construction Safety I

Introduction to construction safety and also including WHMIS, Standard First Aid, CPR Certification and Explosive Actuated Tools.

CARP 121-3 (BC=3)
(30 class hours)
Construction Safety II

Knowledge and skills required for safe operation of explosive activated tools, hand tools and powered tools. Includes knowledge and understanding of safe rigging procedures and construction safety training.
Prerequisite: CARP 120

CARP 180-1 (BC=1)
(40 practicum hours)
Carpentry Practicum I

Applied knowledge provides the opportunity for continued learning in the Carpentry trade.

CARP 181-2 (BC=2)
(80 practicum hours)
Carpentry Practicum II

Applied knowledge provides the opportunity for advancement in the Carpentry trade.
Prerequisite: CARP 180

➤ **Chemistry**

Note: You must have a lab coat and safety glasses to take part in chemistry labs. You can buy these items at the College Bookstore. Please note that contact lenses are not permitted in the labs.

Note: Not all courses listed may be offered. Check Course Timetable for availability.

CHEM 075-4 (BC=4)
(4-1) 15 weeks
Introductory Chemistry

See "Career and Academic Preparation Courses," page 191.

CHEM 095-5 (BC=5)
(4-1S-2) 15 weeks
Preparatory Chemistry

See "Career and Academic Preparation Courses," page 191.

CHEM 203-3 (BC=4)
(3-1S-3/2) 15 weeks
Introductory University Chemistry I

Stoichiometry, ideal gases, atomic structure and bonding, thermochemistry, chemical equilibrium, acids and bases, buffers, titrations.

Prerequisite: Chem 30 or equivalent, Math 30 (Pure).

Co-requisite: MATH 202 (203 or 212).

Note: For Engineering students.

CHEM 205-3 (BC=4)
(3-1S-3/2) 15 weeks
Introductory University Chemistry II

Titration curves, solubility and complex ion equilibria, entropy and Gibbs energy, chemical kinetics, electrochemistry, bonding and structure.

Prerequisite: CHEM 203

Co-requisite: MATH 204 or 213.

CHEM 211-3 (BC=4)
(3-1S-3) 15 weeks
Introductory University Chemistry I

Stoichiometry, ideal gases, atomic structure and bonding, thermochemistry, chemical equilibrium, acids and bases, buffers, titrations.

Prerequisite: Chem 30, Math 30 (Pure)

CHEM 212-3 (BC=4)
(3-1S-3) 15 weeks
Introductory University Chemistry II

Titration curves, solubility and complex ion equilibria, entropy and Gibbs energy, chemical kinetics, electrochemistry, bonding and structure.

Prerequisite: CHEM 211

CHEM 241-3 (BC=4)
(3-0-3) 15 weeks
Introductory Bio-Organic Chemistry

Structures, bonding, functional groups, reactivity, properties, synthesis, biological chemistry, natural occurrence, and uses of hydrocarbons, alcohols, phenols, sulfur and halogen compounds, carbonyl compounds, amines, and carbohydrates.

Prerequisite: Chemistry 30 (minimum 75% strongly recommended).

Note: You can only get credit for one of CHEM 241, 251, and 351

CHEM 251-3 (BC=4)

(3-1S-3) 15 weeks

Introductory Organic Chemistry I

An introduction to the chemistry of carbon compounds. Nomenclature, physical properties, stereochemistry and reactions of hydro carbons, alcohols, thiols, alkyl halides, ethers and epoxides. Use of organic molecules in industry and biology.

Prerequisite: Chem 30

Note: Students normally take CHEM 251 after receiving credit in CHEM 211, although CHEM 211 is not a prerequisite. CHEM 352 is a continuation of CHEM 251. You can only get credit for one of CHEM 241 and 251.

Note: This course is restricted to pre-pharmacy students or departmental approval. You will only receive credit for one of CHEM 241, CHEM 251 and CHEM 351.

CHEM 291-3 (BC=3)

(3-0) 15 weeks

Applying Chemistry to Society and the Environment: A Gentle Introduction for Non-Science Majors

Topics will include the chemistry of global warming, depletion of the ozone layer, air and water pollution, alternative fuels, nuclear fission and fusion, nutritional chemistry, illegal drugs and pharmaceuticals, polymers and plastics, superconductors and semiconductors, metal refinement and corrosion, etc..

Prerequisite: Science 30 or equivalent

Note: B.Sc. students cannot take this course for credit.

CHEM 311-3 (BC=4)

(3-0-4) 15 weeks

Quantitative Analysis I

Principles, methods, and experimental applications. Solution I equilibria, titrimetry, volumetric laboratory skills and evaluating experimental data are emphasized. Examples of organic and inorganic analysis.

Prerequisite: CHEM 212

CHEM 313-3 (BC=4)

(3-0-4) 15 weeks

Quantitative Analysis II

CHEM 311 continued. Principles, methods and experimental applications of separation techniques, atomic and molecular spectrometry, electrochemistry, and evaluation of experimental data. Examples of organic and inorganic analysis. Use of analytical literature.

Prerequisite: CHEM 311

CHEM 351-3 (BC=4)

(3-1S-3) 15 weeks

Organic Chemistry I

An introduction to the chemistry of carbon compounds. The molecular structure, nomenclature, reactions, reaction mechanisms and stereochemistry of hydrocarbons, and some functional groups including haloalkanes, alcohols, thiols, ethers and epoxides. Important organic compounds related to industry, agriculture and everyday use are introduced.

Prerequisites: CHEM 203 or CHEM 211

Note: You can only get credit for one of CHEM 241, CHEM 251 and CHEM 351.

CHEM 352-3 (BC=4)

(3-1S-3) 15 weeks

Organic Chemistry II

This course is a continuation of CHEM 251 or CHEM 351. Nomenclature, physical properties, stereochemistry, synthesis, and reaction of aldehydes, ketones, carboxylic acids and derivatives, carbohydrates, amino acids, proteins and amines. Chemistry of biomolecules. Use of spectroscopic tools. Industrial, environmental and biological implications.

Prerequisite: CHEM 251 or CHEM 351

CHEM 370-6 (BC=8)

(3-3) 30 weeks

Elementary Physical Chemistry

Gas laws. The laws of thermodynamics. Calorimetry. Phase equilibria, chemical equilibria, and solution theory. Electrochemistry. Kinetic molecular theory. Chemical kinetics. Catalysis.

Prerequisites: CHEM 212 or equivalent, MATH 204 or equivalent.

➤ **Classics**

CLAS 209-3 (BC=3)

(3-0) 15 weeks

Early World History I

For description, see under **HISTORY** courses

CLAS 320-3 (BC=3)

(3-0) 15 weeks

Roman History

For description, see under **HISTORY** courses

➤ **Career and Academic Preparation Courses**

See page 188.

➤ **Communications**

Some Communications Studies courses are available through alternate delivery. Correspondence versions of COMM 150 and COMM 254 are available for students in distance delivery programs. On-line versions of COMM 140, COMM 250, COMM 252 and COMM 254 are available for students who have Internet access and who need an alternative to on-campus classes.

Note: Alternate delivery is not available for all courses every year. To enroll in an alternate delivery section, please check the Timetable and select a course designated as "correspondence" or "on-line".

Placement Criteria

Students should refer to their program requirements before selecting a Communications course. Students are advised that they will be required to take the College placement test before registering in COMM 250, 252, 254 or 256. Students who obtain 60% or greater in ELA 30-1 will be exempted from this test. Students who do not achieve a satisfactory mark on this test will be required to complete COMM 150 before entering COMM 250, 252, 254 or 256. As taking COMM 150 may affect timetables established by individual programs, students are strongly advised to take the placement test early in case the preparatory course (COMM 150) is required. Phone the Assessment and Test Centre at 342-3292 to arrange to take the placement test.

Course Equivalencies

For program completion requirements at RDC, COMM 250, 252, 254, and 256 are equivalent to each other. These courses, though equivalent at RDC, may not transfer to other institutions in the same way. Please see an academic advisor for more information on specific transferability of all COMM courses.

COMM 140-3 (BC=3)
(3-0) 15 weeks

Fundamentals of Workplace Communications

Introduction to written and oral communications with an emphasis on grammar, basic sentence structure, short business correspondence, and an introduction to effective oral communication, with the public, in the workplace.

COMM 140 is not accepted as a prerequisite for COMM 200 level courses.

COMM 141-1 (BC=1)
(0-2) 10 weeks

Fundamentals of Workplace Communications (Lab)

Further exercises and practice in effective oral communication, based on concepts introduced in COMM 140. Emphasis on nonverbal communication, interpersonal skills, conflict resolution, and oral presentations.

COMM 150-3 (BC=3)
(3-0) 15 weeks

Fundamentals of College and Workplace Writing

Practice in fundamental writing skills with an emphasis on grammar, basic business correspondence, and short reports for business or college.

COMM 150 is accepted as a prerequisite for COMM 200 level courses.

COMM 191-3 (BC=3)
(3-0) 15 weeks

Oral Communications

Theory and practice in interpersonal communications for the workplace. Students will consider such issues as perception, listening, non-verbal communications, conflict resolution, self-disclosure, and the nature of groups while

developing skills related to interviewing, participating in meetings, working effectively with a team, and informative and persuasive public speaking.

COMM 250-3 (BC=3)
(3-0) 15 weeks

Business and Workplace Writing

Theory and practice in composition to prepare students for academic and professional work in business and office environments. Emphasis will be on mechanics, style, tone and organization of communications including research reports, memos, letters, business proposals and resumes.

Prerequisite: Placement criteria must be met (see above).

COMM 252-3 (BC=3)
(3-0) 15 weeks

Technical and Scientific Writing

Theory and practice in composition to prepare students for academic and professional work in scientific and technological fields. Emphasis will be on mechanics, style, tone and organization of communications including abstracts, reports, research projects, letters and resumes.

Prerequisite: Placement criteria must be met (see above).

COMM 254-3 (BC=3)
(3-0) 15 weeks

Human Services Writing

Theory and practice in composition to prepare students for academic and professional work in human services. Emphasis on the effective use of mechanics, style, tone and organization of communications. Applications include critical reading, objective observation, secondary research, and collaborative writing.

Prerequisite: Placement criteria must be met (see above).

COMM 256-3 (BC=3)
(3-0) 15 weeks

Writing Skills for the Fine Arts

Theory and practice in composition to prepare students for academic and professional work in the cultural arts. Students will analyze and interpret texts as well as produce clear, well-structured, and mechanically sound compositions.

Prerequisite: Placement criteria must be met (see above).

COMM 271-3 (BC=3)
(3-0) 15 weeks

Introduction to Communications Studies

This course provides an overview of the development and key theoretical areas within the field of Communications Studies, with focus on how communication can serve as an agent of social and cultural change. Major topics to be studied include language, rhetoric, mass media, cultural studies, interpersonal and oral communication, and organizational communication.

Prerequisite: ELA 30-1.

COMM 294-3 (BC=3)
(3-0) 15 weeks

Group Communication

Theory and practice of communication in small groups. Interpersonal communication, group dynamics, meetings, making decisions, solving problems, resolving conflict, leadership, and team building.

COMM 341-3 (BC=3)
(3-0) 16 weeks

Information Technology and Society

A study of the implications of information technology for political, social and economic organization, individual psychology, and concepts of knowledge. Historical, ethical and legal implications will be discussed.

Note: This course assumes only very basic familiarity with computers at the "user" level. Familiarization with more advanced applications will be provided as required.

Prerequisite: ELA 30-1 or equivalent

COMM 351-3 (BC=3)
(3-0) 15 weeks

Visual Culture

Students in this course will examine contemporary western visual culture, as it is constituted by visual modes of communication. Through analysis of images in art, print advertising, documentary photography, and a range of television, video, and film genres, students will investigate the relation of cultural practices, ideologies and institutions to the production and reception of visual messages.

Prerequisite: ELA 30-1 or equivalent.

COMM 361-3 (BC=3)

(3-0) 15 weeks

Communicating Through Speech and Writing

This course focuses on helping students communicate more effectively through their writing and speaking. Students will examine classical and contemporary rhetoric to gain an appreciation of the history and theory of the rhetorical tradition. Students will also put theory into practice through construction of essays and speeches.

Prerequisite: ELA 30-1

COMM 369-3 (BC=3)

(3-0) 15 weeks

Rhetorical Perspectives

This course provides an introduction to the theory and practice of rhetoric. Topics covered will include persuasion, audience and situational analysis, rhetorical strategies in various genres, and ethical considerations in the practice of rhetoric. Students will learn to apply rhetorical theory to their own written and oral arguments, as well as critically evaluate various types of rhetorical texts.

Prerequisite: ELA 30-1 or equivalent

Note: Students cannot receive credit for both COMM 361 & COMM 369

COMM 371-3 (BC=3)

(3-0) 15 weeks

Critical Media Studies

This course will study various forms of media and culture from a critical standpoint, focusing on visual forms of communication such as advertising, art, photography, television, video, film, and computer imagery. Students will learn about a variety of critical media theories such as visual semiotics, aesthetics, structuralism, feminism, postmodernism, transformation theory, and the theories of the Frankfurt School. Special attention will be paid to Canadian media and culture.

Prerequisite: COMM 271

Note: Students cannot receive credit for both COMM 351 and COMM 371 at RDC

COMM 375-3 (BC=1)

(3-0) 15 weeks

Mass Communication in Canada

This course examines the role of mass media in Canadian society. We will examine communications media including television, newspapers, magazines, film, books, and new technologies. The course will focus on areas such as the historical development, policies, financial issues, and audience reception of the various media in Canada. Special attention will be given throughout the course on the role of Canadian mass media in a global context, particularly in relation to the United States.

Prerequisite: ELA 30-1

COMM 381-3 (BC=3)

(3-0) 15 weeks

History of Communication

This course provides an overview of the development of major systems of communication throughout history, in conjunction with the historical and social contexts in which these developments took place and have shifted over time. Focus will be given both to technological advancements and a theoretical understanding of how these advancements have shaped and reflected both society and individuals. A variety of theoretical perspectives on the role of communication in history will be considered.

Prerequisite: ELA 30-1

COMM 383-3 (BC=3)

(3-0) 15 weeks

Introduction to Public Relations

This course provides an introduction to the theory and practice of Public Relations, with special focus on the Canadian context of public relations. The course will overview the history and development of public relations, the various professional roles and occupations in public relations, and key theories of public relations. Practical applications will include preparation of public relations texts such as press releases, backgrounders, press kits, PR plans and speeches.

Prerequisite: ELA 30-1 or equivalent

► **Computing Science**

Note: Not all courses listed may be offered. Check Course Timetable for availability.

CMPT 071-1 (BC=1)

Introduction to Computers

An introductory computer module which introduces the student to basic practical skills required to operate a computer and use e-mail, to some introductory theory knowledge about what a computer is and can do, and to the ethics and ergonomics related to using a computer. Required as a prerequisite for all further RDC computer modules (except keyboarding) and for acquisition of an E-mail address.

Exemptions - Prior learning recognition.

Note: All relevant CTS modules must have been completed within the past two years.

Note: A minimum grade of 70% in all CTS modules is required.

CMPT 072-1 (BC=1)

Keyboarding I

An introduction to touch keyboarding through the use of a computerized package. A minimum of 20 net words per minute (five errors maximum) is required upon completion. Keyboarding is required as a prerequisite skill for all further RDC computer modules.

Exemptions - CTS INF1020 or prior learning recognition.

Note: All relevant CTS modules must have been completed within the past two years.

Note: A minimum grade of 70% in all CTS modules is required.

CMPT 073-1 (BC=1)

Intermediate Keyboarding II

Development of keyboarding skills for those students with a non-clerical career orientation. The emphasis will be on the continued development of speed and accuracy in typing skills.

Prerequisites: CMPT 072 or CTS INF1020
Exemptions: CTS INF2040 or recognized prior learning experience.

Note: All relevant CTS modules must have been completed within the past two years.

Note: A minimum grade of 70% in all CTS modules is required.

CMPT 076-1 (BC=1)

Presentation/Publishing Software

This module provides self-paced and directed instruction for introductory level skills in presentation and desktop publishing software. Skills to develop presentations in MS PowerPoint and brochures, letterhead or business cards in Publisher will be covered.

Prerequisites: CMPT 071 and CMPT 083/ CTS INF 2050

Exemptions: CTS INF2060 or recognized prior learning experience.

Note: All relevant CTS modules must have been completed within the past two years.

Note: A minimum grade of 70% in all CTS modules is required.

CMPT 083-1 (BC=1)

Word Processing I

This module provides instruction for the efficient use of practical word processing skills required to produce a report containing a title page, a bibliography, headers, and page numbering according to a style guide. Use of editing, formatting, and correcting features are required. Choice of working with MSWord or Corel WordPerfect; however, other word processing applications are acceptable for prior learning recognition.

Prerequisites: CMPT 071; CMPT 072 or CTS INF1020.

Exemptions: CTS INF2050 or recognized prior learning experience.

Note: All relevant CTS modules must have been completed within the past two years.

Note: A minimum grade of 70% in all CTS modules is required.

CMPT 084-1 (BC=1)

Database Skills I

This module provides instruction for the efficient use of practical database skills required for storing and tracking information as well as creating basic queries & reports. Creating table structures, locating and sorting records, report generation using wizards & linking to build basic queries is required. Access will be used for this module; however, other database applications are acceptable for prior learning recognition.

Prerequisite: CMPT 071

Recommended prerequisite: CMPT 083 or CTS INF2050

Exemptions: CTS INF2070 or recognized prior learning experience.

Note: All relevant CTS modules must have been completed within the past two years.

Note: A minimum grade of 70% in all CTS modules is required.

CMPT 085-4 (BC=4)

(3-2) 15 weeks

Introduction to Personal Computers

This is a self-directed course covering an introduction to computers, together with word processing, spreadsheet and keyboarding applications. This course will provide students with a basic level of computer literacy.

*The course is designed as a self-directed course but a mandatory seminary is required to provide students with support; please register in both the Lecture and Seminar sections of this course.

Prerequisites: None

Prior Learning recognition, based on a skills appraisal, is available for students with computer skills but application for PLAR must be completed by the Add/Drop date.

CMPT 086-1 (BC=1)

Spreadsheet Skills 1

This module provides instruction for the efficient use of practical spreadsheet skills required to create a formatted worksheet with mathematical formulas. Use of relative, absolute and mixed cell referencing, of functions, and of graphing tools is required. Excel will be used for this module, however other spreadsheet applications are acceptable for prior learning recognition.

Prerequisite: CMPT 071

Recommended Prerequisite: CMPT 083 or CTS INF2050

Exemptions: CTS INF2080 or recognized prior learning experience.

Note: All relevant CTS modules must have been completed within the past two years.

Note: A minimum grade of 70% in all CTS modules is required.

CMPT 087-1 (BC=1)

Operating System Skills/Theory

This module provides instruction for the efficient use of practical skills to explore and manage the desktop and files. Theory relating to hardware, systems and application software, networks, information highway,

and computers as they relate to your field and to society is also provided.

Prerequisite: CMPT 071

Recommended Prerequisite: CMPT 083 or CTS INF2050

Exemptions: Recognized prior learning experience.

Note: All relevant CTS modules must have been completed within the past two years.

Note: A minimum grade of 70% in all CTS modules is required.

CMPT 089-1 (BC=1)

Searching for & Evaluating Information

This module provides instruction for the efficient use of skills needed for communicating through the use of e-mail, and for searching, discriminating, evaluating, referencing, and using information from Internet sites and library databases. Projects in this module will directly relate to areas of program study.

Prerequisite: CMPT 071

Recommended Prerequisite: CMPT 083 or CTS INF2050

Exemptions: Recognized prior learning experience.

Note: All relevant CTS modules must have been completed within the past two years.

Note: A minimum grade of 70% in all CTS modules is required.

CMPT 090-4 (BC=4)*

(3-2) 15 weeks

Information Processing Using Microcomputers

This is a self-directed course covering research skills, together with word processing, spreadsheet and database applications. This course will provide students with an intermediate level of computer literacy.

*The course is designed as a self-directed course but a mandatory seminary is required to provide students with support; please register in both the Lecture and Seminar sections of this course.

Prerequisites: CMPT 085 **OR** CTS INF1020, CTS INF2050 and CTS INF2080 **OR** CMPT 071, CMPT 072, CMPT 083 and CMPT 086.

Prior Learning recognition, based on a skills appraisal, is available for students with computer skills but application for PLAR must be completed by the Add/Drop date.

CMPT 091-1 (BC=1)

Integrating Software Applications

This module provides instruction for the extended use and integration of the applications within a software suite including database, mail merge, graphics, linking and embedding. Also includes extension of desktop and file management, condensed theory and concept understanding.

Prerequisites: CMPT 071; CMPT 083 or INF 2050; CMPT 086 or INF 2080.

Exemptions: CMPT 090 or recognized prior learning experience.

Note: All relevant CTS modules must have been completed within the past two years.

Note: A minimum grade of 70% in all CTS modules is required.

CMPT 092-1 (BC=1)

Word Processing Skills II

This module provides self-paced and directed instruction for intermediate level word processing. Merging documents, enhancing the visual display of text, macros and templates will be covered. MSWord will be used for this module; however, other word processing applications are acceptable for prior learning recognition.

Prerequisites: CMPT 071 and CMPT 083/CTS INF2050

Exemptions: CTS INF 3060 or recognized prior learning experience.

Note: All relevant CTS modules must have been completed within the past two years.

Note: A minimum grade of 70% in all CTS modules is required.

CMPT 093-1 (BC=1)

Spreadsheet Skills II

This module provides self-paced and directed instruction for intermediate level spreadsheet skills. Additional skills with formulas, functions, charts and macros will be covered with Excel.

Prerequisites: CMPT 071 and CMPT 086/CTS INF2080

Exemptions: Recognized prior learning experience.

Note: All relevant CTS modules must have been completed within the past two years.

Note: A minimum grade of 70% in all CTS modules is required.

CMPT 096-3 (BC=3)

(2-2) 15 weeks

Introduction to Programming

Introduction to the essential elements of programming including control structures and introductory data structures using the "C++" language.

Note: Any student considering entering Computer Systems Technology should enrol in this course and CMPT 090 if necessary prerequisites are missing.

High School Equivalent: Elementary Programming.

Prerequisite: CMPT 085, consent of Department or demonstrated competence in keyboarding, word processing, spreadsheets, and file management through assessment testing.

CMPT 110-2* (BC=2)

(1-3) 15 weeks

Introductory Computing

Computing theory and application software. CPU and system architecture. Input/output devices. Secondary storage media. Communications. Operating systems. AD converters. Binary theory. Other topics.

Lab work focuses on computing solutions to industry-related problems. Statistical analysis of experimental data using DOS. Word processing, spreadsheet and database techniques, and spreadsheet design. Macro programming, data parsing, mathematical functions, and graphing solutions. Strong working knowledge of DOS. Statistical topics of linear regression and correlation using the computer.

Prerequisite: Math 30 (Pure) or Math 30 (Applied)

*Non-traditional course delivery

CMPT 170-3* (BC=3)

(3-1.5) 15 weeks

Microcomputer Applications

This is a self-directed course covering an introduction to computers, together with word processing, spreadsheet and educational technologies. This course will provide a basic foundation of computer literacy for the Educational Assistant field.

*The course is designed as a self-directed course but a mandatory seminar is required to provide students with support; please register in both the Lecture and Seminar sections of this course.

Prerequisites: None

Prior Learning recognition, based on a skills appraisal, is available for students with computer skills but application for PLAR must be completed by the Add/Drop date.

CMPT 201-3 (BC=4)

(3-3) 15 weeks

Programming: A Gentle Introduction to Computing

This course provides an overview of computing science concepts for students with little or no programming background. Topics include: representation of data; machine architecture; operating system concepts; properties of algorithms and computational problems; syntax of a high level procedural programming language; basic data types and control structures. Students do introductory programming for a portion of the course. Intended for students with no computing experience.

Note: U of A will not grant credit for this course if credit was first obtained in CMPT 214 or equivalent.

CMPT 214-3 (BC=4)

(3-3) 15 weeks

Introduction to Computing Science

Computer architecture, operations and data storage. Machine language and assembler programming. Scientific applications and systems programming in C++. Functions parameter passing and recursion. The programming will progress from the structured perspective to the object oriented paradigm.

Prerequisite: Math 30 (Pure)

Co-requisite: MATH 202 or 203

CMPT 215-3 (BC=4)

(3-3) 15 weeks

Elementary Data Structures

Using a high level language to present and manipulate data structures. Strings, arrays, and linked lists. Stacks, queues, and trees. Uses of data structures.

Prerequisite: CMPT 214 or 351 and consent of the Department.

CMPT 261-3* (BC=4)

(3-0-3) 15 weeks

Introduction to Computing

This is a self-directed course covering an introduction to computers, research skills and computer theory, together with word processing and spreadsheet applications. This course will provide a comprehensive foundation of computer literacy in support of university-level study.

*The course is designed as a self-directed course but a mandatory seminary is required to provide students with support; please register in both the Lecture and Seminar sections of this course.

Prerequisites: None

Prior Learning recognition, based on a skills appraisal, is available for students with computer skills but application for PLAR must be completed by the Add/Drop date.

CMPT 262-3 (BC=4)

(3-0-3) 15 weeks

Introduction to Structured Programming

CMPT 261 continued, using a high level language on a personal computer. Program control. Functions and subprograms. Arrays. Manipulating strings. Sequential and random access files. Buttons, windows, dialogue boxes, and menus. Designing user-friendly programs. Non-numerical applications are stressed.

Prerequisite: CMPT 261.

Note: Not open to Bachelor of Science students.

CMPT 272-3 (BC=3)

(3-1) 15 weeks

Formal Systems and Logic in Computing Science

Propositional and predicate logic. Boolean algebra and circuit design. Verifying programs and proofs. Formal languages, regular expressions, and finite state machines. Other formal systems useful in Computing Science.

Prerequisite: CMPT 214

Co-requisite: CMPT 215

CMPT 351-3 (BC=4)

(3-3) 15 weeks

Elements of Programming I

Basic programming techniques using a high level language. Representing and manipulating numeric and non-numeric data. Computing systems, history, and uses. (C++ language)

Note: You cannot have credit in both CMPT 214 and 351.

Prerequisite: Math 30 (Pure).

CMPT 360-3 (BC=4)

(3-3) 15 weeks

Introduction to Object-Oriented Programming

Theory and practical application of object-oriented programming. Graphical interfaces. Object-oriented approach to program design and programming techniques, language translators, and virtual machines.

Prerequisite: Consent of the Department

➤ **Dance**

See listings under "Kinesiology and Sports Studies," page 161.

➤ **Disability & Community Studies**

(formerly Rehabilitation Services)

(Open to Disability & Community Studies students only, except DACS 201 & DACS 326.)

Note: Not all courses listed may be offered. Check Course Timetable for availability.

DACS 201-3 (BC=3)

(3-0)

Introduction to Exceptionality

Provides an introduction to disability; issues and trends related to identification, diagnosis, and intervention will be addressed. Current understanding of evidence based practice that supports links between disability patterns and specific intervention techniques will also be discussed. Students will also be introduced to the process of independently locating, identifying and utilizing relevant information on disabilities.

(Open to non-Disability & Community Studies students and/or students wishing to qualify for admission to Disability & Community Studies. See Chairperson for clarification.)

DACS 202-3 (BC=3)

(3-0)

Interpersonal Communication

This is an introductory course in interpersonal communication. Theoretical understandings of the concepts and theories in communication will be covered. Practical communication skills required in both personal and professional relationships will be introduced, practiced, and developed.

DACS 203-3 (BC=3)

(3-0)

Positive Behavior Support I

This course in positive behavior support uses applied behavior analysis and educational methods to increase an individual's repertoire and change methods to redesign environments to enhance the individual's quality of life and minimize problem behavior. Utilizing person centred planning as the basis to attain inclusive living outcomes this course develops the critical skills and competencies in the professional to teach and develop effective behavior.

Open to students in the KNSS Adapted Diploma.

DACS 204-3 (BC=3)

(3-0)

Supporting Inclusion

This course will provide learners with current theory, practices, and tools related to person centered planning. Focusing on individualized goals and dreams, learners will be supported in facilitating planning processes that are asset based as opposed to traditionally needs-based assessments. Self determination and promoting enhanced quality of life are additional key influencing themes in this course.

DACS 205-3 (BC=3)

(3-0)

Health Care

This course explores theory and practices related to the many aspects of wellness (i.e., physical, mental). Learning will be directed towards promoting and maintaining good health as well as exploring the rehabilitation professional's role in supporting the activities of daily living. Hands on components include lifting, carrying and transferring, universal precautions, and assisting with personal care.

**DACS 207-3 (BC=3)
(3-0)**

Values and Issues

This course introduces learners to the issues affecting the lives of individuals and communities that are marginalized. Learners will explore the defining historical moments as well as the current issues, theories, and practices in the field of disability studies. Additionally, this course provides insight into the key values that guide professional practice for rehabilitation professionals. Learners will develop insight into the profession's identity and the role the profession plays in advocating for change. Open to students in the KNSS Adapted Diploma

Note: Students who have completed the Basic Skills Training Program (BST) prior to entering the program may receive credit for DACS 207

**DACS 208-5 (BC=5)
(240 hours) 6 weeks**

Block Practicum

Held in January and February. Direct practical experience working with persons in various domains.

Prerequisite: All first-year Fall term DACS courses or consent of Department.

**DACS 213-3 (BC=3)
(3-0)**

Counselling: The Helping Relationship

Principles of the helping relationship. Skills necessary to initiate, conduct, and terminate an effective counselling process.

Prerequisite: DACS 202

**DACS 214-3 (BC=3)
(3-0)**

Positive Behaviour Support II

This course serves to expand the components of DACS 203 through the topic of self-control. The intention is to explore, in greater depth, the many applications of applied behavior analysis to individual circumstances that serve to empower the individual. Consideration will be given to effective application and generalization of the principles of applied behavior analysis in an effort to establish some basic guidelines for individual behavioral solutions to social problems.

Prerequisite: DACS 203 or consent of Department

**DACS 217-3 (BC=3)
(3-0)**

Growth and Development in Childhood

This course provides an orientation to developmental psychology with a primary focus on childhood (birth - 12). It covers theories of development and will support an understanding of critical development milestones. A further aspect of this course will be to integrate this knowledge with the concept of developmentally appropriate practice.

**DACS 309-3 (BC=3)
(3-0)**

Family Intervention

Systems theory. Understanding family dynamics and structure. Strategies to empower families and support healthy family growth and coping.

Prerequisite: DACS 202

**DACS 311-4 (BC=4)
(240 hours) 6 weeks**

Fieldwork

Field experiences working with people in a wide variety of settings. Most placements will be in Edmonton, Calgary, or Central Alberta.

Normally a student will have completed all of the first year and at least half of second year courses before enrolling in this fieldwork course.

**DACS 312-4 (BC=4)
(240 hours) 6 weeks**

Fieldwork

Field experience; working with people in a variety of settings. Most placements will be in Central Alberta, Calgary or Edmonton. Students must have completed DACS 208 and DACS 311 and normally have completed all second year courses before enrolling in this fieldwork course.

**DACS 315-3 (BC=3)
(3-0)**

Community Organization

This course provides the learner with insight into the elements that make up a community along with strategies for effecting change through asset based community development. Learners will be encouraged to explore the various programs, legislation, and court rulings that contribute to disability policy in Canada and Alberta. This awareness

of the multiple levels of government involved in the delivery of social services will help further the learner's thoughts on ways individuals and communities can influence change.

**DACS 317-3 (BC=3)
(3-0)**

Rehabilitation in Adolescence and Adulthood

Physical, cognitive, language and social-emotional development from adolescence to the aged. (Self determination across the adult lifespan).

Prerequisite: DACS 217 or consent of Department.

**DACS 319-3 (BC=3)
(3-0)**

Human Sexuality and Sex Education

Human sexuality, human sexual functioning, and sexual responsiveness.

Emphasis is on becoming comfortable with your sexuality, as well as acting as a sex educator for those who have a mental disability.

**DACS 321-2 (BC=2)
(1-3)**

Recreation and Leisure

This course will focus on the development of functional recreation and leisure plans for persons with disabilities, through practical experiences in assisting and enabling clients in recreation and leisure settings. Particular emphasis will be given to the careful design of activities with learners, to promote the use of adaptations and accommodations that support inclusion.

**DACS 322-3 (BC=3)
(3-0)**

Leadership in Human Services

This course provides the learner with an introduction to the key principles and practices of leadership in human service organizations. Content areas will include people management skills, information management skills and personal management skills for the rehabilitation professional. Activities undertaken in this course create multiple opportunities for learners to access and explore leadership theories and approaches as well as to create collaborative learning opportunities with community partners.

DACS 324-3 (BC=3)
(3-1)

Speech, Language, & Communication

This course introduces students to the communication challenges experienced by individuals with physical, developmental, cognitive and/or social impairments. Students will be given an opportunity to develop communication interaction and communication intervention skills. Included will be a focus on understanding of the role of assistive and alternative communication in supporting communication and conversations.

Prerequisites: DACS 202 and DACS 217

► **Drama**

DRAM 201-3 (BC=3)
(3-0) 15 weeks

Play Analysis

Understanding drama through critical analysis of plays. Using analysis for creative solutions in play productions.

DRAM 202-3 (BC=3)
(3-0) 15 weeks

Introduction to Theatre Art

The origins and development of theatre art. Introduction to theatre history and theatre aesthetics.

DRAM 203-3 (BC=3)
(3-0) 15 weeks

Introduction to Dramatic Movement

Releasing, developing, and expanding physical resources basic to movement in acting. Developing body awareness.

Note: Open to Theatre Studies Acting students only.

DRAM 204-1 (BC=1)
(2-1) 15 weeks

Singing for the Stage

Developing the voice through choral singing and coaching. Vocal range, technique, and musicality.

Note: Open to Theatre Studies Acting students only.

DRAM 205-6 (BC=6)
(270 hours) 30 weeks

Acting Practicum I

Developing competencies in theatre rehearsal and performance through assigned roles in Department productions.

Note: Open to Theatre Studies Acting students only.

DRAM 206-3 (BC=3)
(70 hours) 30 weeks

Introduction of Sound for the Theatre

Theory and practice in basic sound for the theatre. Function and operation of professional sound equipment and the fundamentals of sound design.

Note: Open to Theatre Studies Technical students only.

DRAM 207-3 (BC=3)
(2-2) 15 weeks

Introduction to Theatrical Properties

Theory and techniques of designing and building scenic props.

Note: Open to Theatre Studies Technical students only.

DRAM 208-3 (BC=3)
(70 hours) 30 weeks

Introduction to Theatre Lighting

Theory and practice in basic electricity for the theatre. Function and operation of professional lighting equipment and the fundamentals of lighting design.

Note: Open to Theatre Studies Technical students only.

DRAM 210-4 (BC=4)
(2-2-4) 15 weeks

Introduction to Stagecraft

Theatrical production techniques including stage and shop safety, scenic carpentry, theatrical rigging, designing and constructing props, and scenic painting.

DRAM 211-4 (BC=4)
(1-3) 30 weeks

Drafting and Drawing for Theatre

Graphic techniques for the theatre. Introduction to CADD. Exploring aesthetic elements of theatre art.

Note: Open to Theatre Studies Technical students only.

DRAM 214-3 (BC=3)
(2-2) 15 weeks

Stage Management and Production Process

Fundamentals in management and communication skills for the theatre.

Prerequisite: Consent of the Department.

DRAM 224-3 (BC=3)
(3-0) 15 weeks

Intermediate Movement for the Actor

Continued expansion of physical resources and development of movement practices for actor movement.

Prerequisite: DRAM 203

Note: Open to Theatre Studies Acting students only.

DRAM 249-3 (BC=3)
(1-5) 15 weeks

Introduction to Dramatic Process

Improvising speech and movement, with emphasis on imaginative development. The process of acting and dramatic form. Developing communication skills.

Not accepted for credit in the Theatre Studies Program. Not available to students with credit in DRAM 350.

DRAM 301-1 (BC=1)
(0-3)

Production Workshop I

Student initiated project work involving theatre production or theatre related research.

Note: Open to all students, subject to approval of the Theatre Studies Department.

DRAM 302-1 (BC=1)
(0-3)

Production Workshop II

Student initiated project work involving theatre production or theatre related research.

Note: Open to students who have completed DRAM 301 and upon approval of the Theatre Studies department.

DRAM 305-6 (BC=6)
(270 hours) 30 weeks

Acting Practicum II

Senior Drama. Developing competencies in research, rehearsal and performance relevant to assigned roles in Department productions.

Note: Open to Theatre Studies Acting students only.

DRAM 309-1 (BC=1)
(0-1.5) 30 weeks
Career Path Tutorial
 Researching and developing a life-skills or career path strategy. Supervised by Department staff. Accessing information from and contacts with educators, practicing professionals, and employers in the theatre industry.
Note: For Theatre Studies Acting students only.

DRAM 314-4 (BC=4)
(3-3) 15 weeks
Theatre Design
 Study and practice of design for the theatre. Prerequisite: DRAM 211 or consent of the Department.

DRAM 315-4 (BC=4)
(180 hours) 15 weeks
Stagecraft Practicum
 Mounting of specific productions. You will assist and be supervised by a Department Technical Instructor.
 Prerequisite: DRAM 378 or consent of the Department.
Note: Open to Theatre Studies Technical students only.

DRAM 317-4 (BC=4)
(180 hours) 15 weeks
Advanced Technical Practicum II
 Advanced experience in managing or directing a technical project from design through to performance.
 Prerequisite: DRAM 378
Note: Open to Theatre Studies Technical students only.

DRAM 318-4 (BC=4)
(180 hours) 15 weeks
Advanced Technical Practicum III
 Advanced experience in managing a technical project from design through to performance.
 Prerequisite: DRAM 378
Note: Open to Theatre Studies Technical students only.

DRAM 319-2 (BC=2)
(1-2) 15 weeks
Career Path Tutorial
 Researching and developing a life-skills or career path. Supervised by Department staff. Accessing information from and contacts

with educators, practicing professionals, and employers in the theatre industry.
Note: For Theatre Studies Technical students only.

DRAM 321-3 (BC=3)
(1-3) 15 weeks
Creative Drama
 Use of dramatic technique in a variety of group projects to develop self-expression. This course will serve leaders and teachers at all levels. Former experience in theatre is not required.

DRAM 324-3 (BC=3)
(3-0) 15 weeks
Advanced Movement for the Actor
 Continued exploration of releasing, developing and expanding resources integral to movement in acting. Advanced movement technique and development of performance skills.
 Prerequisite: DRAM 203 and DRAM 224

DRAM 347-3 (BC=3)
(2-2.5) 15 weeks
Introduction to Oral Communication
 Freeing the natural voice. Developing body awareness related to the voice: breathing, resonance, projection, articulation, and range. Exploring basic techniques of oral communication and interpretation, drawing from various forms of literature.

DRAM 350-3 (BC=4)
(3-3) 15 weeks
Introduction to Acting
 The process of acting and dramatic form through dramatic improvisation. Formerly DRAM 251.
Note: Open to Theatre Studies Acting students only.

DRAM 353-3 (BC=3)
(1-5) 15 weeks
Scene Study I
 The study of acting, including analyzing and enacting scripted scenes and characterization.
 Prerequisite: DRAM 249 or 350 or 321 or consent of the Department.

DRAM 354-3 (BC=3)
(1-5) 15 weeks
Senior Acting
 Applying acting technique to scripted materials. Characterizing, analyzing, and integrating main period styles.
 Prerequisite: DRAM 353 and consent of the Department.
Note: Open to Theatre Studies Acting students only.

DRAM 355-1 (BC=1)
(0-3) 15 weeks
Fundamentals of Film and Video Production and Performance
 Technique of adapting theatre skills for film and video production.
Note: Open to Theatre Studies Diploma students only.

DRAM 378-3 (BC=3)
(0-120) 15 weeks
Stagecraft
 Technical theatre practice, including preparing and running the production aspects of Department plays.
 Prerequisite: DRAM 210

DRAM 383-3 (BC=4)
(3-3) 15 weeks
Introduction to Directing
 Fundamentals of directing through practical exercises.
 Prerequisite: DRAM 353 and consent of the Department.

DRAM 442-3 (BC=3)
(2-2.5) 15 weeks
Studies in Oral Interpretation
 Interpretation and performance of poetry, prose, and dramatic literature.
 Prerequisite: DRAM 347
Note: Open to Theatre Studies Acting students only.

DRAM 483-2 (BC=2)
(0-6) 15 weeks
Advanced Directing
 Develop the director's creative use of the elements of directing.
 Prerequisite: DRAM 383

DRAM 493-3 (BC=3)
(1-5) 15 weeks
Design Production Lab
 Advanced theatrical design.
 Prerequisite: DRAM 314 or consent of the Department.

➤ **Early Learning & Child Care**

(formerly Early Childhood & Development)

(These courses are intended for Early Childhood Development students, but can be taken by other students with consent of the Chair). With the exception of practicum courses, all ELCC courses can be taken in any sequence.

ELCC 201-3 (BC=3)
(3-0) 15 weeks
Foundations of Early Learning & Child Care

The characteristics and roles of Early Childhood professionals in various program settings. Recent positions and issues on “quality” in child care. Routines and transitions. Health, nutrition, and safety information and implications for practice. Anti-bias curriculum.

ELCC 206-3 (BC=3)
(3-0) 15 weeks
Child Development & Exceptionalities

Physical, cognitive, moral, creative, and social emotional development of children ages five through eight. Attitudes, trends, and issues in providing services to children with special needs. Overview of basic types of exceptionality.

ELCC 210-4 (BC=4)
(200 hours) Includes 15 hours seminar
Practicum I

Practical experience with young children in community programs. Part time students must complete ELCC 210 between the fourth to seventh course. Consent of the chair is required for atypical registration requests.
Note: This course will be evaluated using a credit (pass)/non-credit (fail) grading system.

ELCC 211-3 (BC=3)
(3-0) 15 weeks
Child Development
Exploration of developmental theories. Methods of observing and recording children’s behavior. Study of prenatal development. Physical, cognitive, moral, creative, and social emotional development of infants, toddlers, and preschoolers.

ELCC 212-3 (BC=3)
(3-0) 15 weeks
Program Planning I
Play theories and issues. Understanding the role of play in children’s development, and the role of adults in guiding and providing play experiences. Planning for sensory play, art play, and appropriate infant/toddler developmental experiences.
Note: These courses can be taken in any sequence.

ELCC 213-3 (BC=3)
(3-0) 15 weeks
Interpersonal Relations I
Self understanding and self acceptance as the basis of a professional’s ability to understand and value others. Gaining knowledge of self and communication theories and skills.

ELCC 215-3 (BC=3)
(3-0) 15 weeks
Program Planning II
Understanding dramatic play and emergent literacy development. Planning socio-dramatic experiences. Identifying quality children’s literature. Sharing stories with children. Fostering language development in young children.
Note: These courses can be taken in any sequence.

ELCC 217-3 (BC=3)
(3-0) 15 weeks
Guiding Behavior
Understanding and fostering self-esteem in young children. Practical information on appropriate strategies to help develop children’s social-emotional behavior using a “guidance” approach. Establishing partnerships between families and early childhood professionals.

ELCC 218-3 (BC=3)
(3-0) 15 weeks
Program Planning III
Planning for play (including environments & schedules) and group times. Exploration of physical, construction, block, woodworking, manipulative, and outdoor play. Introduction to music and song.
Note: These courses can be taken in any sequence.

ELCC 220-4 (BC=4)
(200 hours) Includes 15 hours seminar
Practicum II
Practical experience with young children in community programs, extending the objectives of ELCC 210. Part time students must complete ELCC 220 between the seventh and tenth courses. Consent of the chair is required for atypical registration requests. Prerequisite: ELCC 210.
Note: This course will be evaluated using a credit (pass)/non-credit (fail) grading system.

Year 2
With the exception of practicum courses, all ELCC courses can be taken in any sequence.

ELCC 305-3 (BC=3)
(3-0) 15 weeks
School Age Care
Child care, developmental needs, and appropriate interactions with children age six through age twelve. Regulations and administration of school age care programs. Providing quality experiences for children in school age programs. Course content presented on-line. This is an option course, and students are required to take one of the three ELCC options provided OR one other option approved by the chair. This course is open to unclassified students.

ELCC 308-3 (BC=3)
(3-0) 15 weeks
Family Support
The nature of family support work. Early intervention for at-risk families. Strategies and techniques for supporting families. Establishing helping relationships. Content presented on-line. This is an option course and students are required to take one of the three ELCC options provided OR one other option approved by the chair. Prerequisite: ELCC 321 recommended. ELCC Certificate or consent of department.

ELCC 309-3 (BC=3)

(3-0) 15 weeks

Aboriginal Children and Families

Focus on past traditions and contemporary issues facing Aboriginal children, families and communities. Emphasis on deepening knowledge and enhancing skills for education, caring and working in partnership with Aboriginal people. Course content presented on-line. This is an option course and students are required to take one of the three ELCC options provided OR one other option approved by the chair.

This course is open to unclassified students.

ELCC 310-5 (BC=5)

(200-250 hours)

**Includes 15 hours seminar
Practicum III**

Practical experience with young children in a diverse range of community programs, extending the objectives of first year practicums. Part-time students must complete ELCC 310 between the fourth and seventh courses. Consent of the chair is required for atypical registration requests.

Note: This course will be evaluated using a credit (pass)/non-credit (fail) grading system.

Prerequisite: ELCC Certificate or consent of department.

ELCC 313-3 (BC=3)

(3-0) 15 weeks

Interpersonal Relations II

Developing skills that will help in relating to others more effectively: self-esteem, conflict resolution, assertiveness, support skills, team skills, etc. Strategies for applying these skills in working with children, families and colleagues.

Prerequisite: ELCC Certificate or consent of department.

ELCC 314-3 (BC=3)

(3-0) 15 weeks

Children in Society

Exploration of social, economic, religious, and educational systems and their impact on families in Alberta, Canada, and the world. Social, historical, and theoretical influences on child care. Focus on supporting families, professional advocacy, and on program planning that meets diverse needs.

Prerequisite: ELCC Certificate or consent of department.

ELCC 315-3 (BC=3)

(3-0) 15 weeks

Program Administration

Roles and functions of program administrators, coordinators, and home visitors in management and administration, program policies and procedural guidelines, record keeping and information systems, financial management and administration, and staff supports for operating day cares, nursery schools, and family day home programs in Alberta. Course content presented on-line.

Prerequisite: ELCC Certificate or consent of the department.

ELCC 317-3 (BC=3)

(3-0) 15 weeks

Program Planning V

Expanding experiences in early childhood art, music, creative dramatics, and group times. Planning appropriate environments and experiences for fostering literacy development.

Prerequisite: ELCC Certificate or consent of department.

Note: These courses can be taken in any sequence.

ELCC 320-5 (BC=5)

(200-250 hours)

**Includes 15 hours seminar
Practicum IV**

Practical experience with young children in a diverse range of community programs, extending the objectives of pre-requisite ELCC 310. Part-time students must complete ELCC 320 between the seventh and tenth courses. Consent of the chair is required for atypical registration requests.

Prerequisite: ELCC 310

Note: This course will be evaluated using a credit (pass)/non-credit (fail) grading system

ELCC 321-3 (BC=3)

(3-0) 15 weeks

Family Studies

The family as an integral institution in society. Various family forms, and the specific organization, functions, dynamics, and influences on individual family members. Focus is on the stresses facing contemporary families, and especially their impact on children.

Prerequisite: ELCC Certificate or consent of department.

ELCC 323-3 (BC=3)

(3-0) 15 weeks

Program Planning IV

Program planning in diverse early childhood settings. Includes planning math, science, and technological experiences. Parent and community involvement. Record keeping, child assessment, program evaluation.

Prerequisite: ELCC Certificate or consent of department.

Note: These courses can be taken in any sequence.

ELCC 325-3 (BC=3)

(3-0) 15 weeks

Children With Special Needs

Care and education of children with special needs in inclusive environments. Exploration of both developmental and behavioral program strategies to deal with children's exceptionalities. Emphasis on team planning with families and professionals.

Prerequisite: ELCC Certificate or consent of department.

➤ **Economics**

Note: Not all courses listed may be offered. Check Course Timetable for availability.

ECON 100-3 (BC=3)

(3-0) 15 weeks

**Introduction to Business
Microeconomics**

Terminology, concepts, theory, methods, and limitations of current microeconomic analysis. Analyzing and understanding economics as it relates to individuals and businesses. How political, social, and market forces determine and affect the Canadian economy.

Credit will not be granted for both ECON 100 and 201.

ECON 101-3 (BC=3)

(3-0) 15 weeks

**Introduction to Business
Macroeconomics**

Terminology, concepts, and theory used to understand, analyse, and evaluate the overall performance of an economy. Defining and using economic indicators. Canadian banking system. Inflation and unemployment. Monetary and fiscal policy. Foreign control. Economic growth. International trade.

Credit will not be granted for both ECON 101 and 202.

ECON 201-3 (BC=3)
(3-0) 15 weeks
Introduction to Microeconomics
 Scarcity and choice. Methods used in economic science. Specialization, markets, and exchange. Supply and demand. Roles of consumers, firms, and resource owners in competitive and monopolistic markets. International trade. Government intervention. Emphasis is on Canadian problems, issues, policies, and institutions. Credit will not be granted for both ECON 100 and 201.

Note: It is recommended that you have Grade 12 level Math or equivalent as background.

ECON 202-3 (BC=3)
(3-0) 15 weeks
Introduction to Macroeconomics
 Defining and measuring aggregate economic variables. National income and monetary theory. Government monetary and fiscal policies. Unemployment and inflation. Exchange rates and balance of payment. Emphasis is on the Canadian economy. Prerequisite: ECON 201

Credit will not be granted for both ECON 101 and 202.

Note: It is recommended that you have Grade 12 level Math or equivalent as background.

ECON 323-3 (BC=3)
(3-0) 15 weeks
International Economics
 Emphasis is on basic international trade theories and policies. Gains from exchange and specialization. International factor movements. Theory of tariff and non-tariff barriers. Exchange rates. Balance of payments. International debt. Prerequisite: ECON 201 and 202.

ECON 331-3 (BC=3)
(3-0) 15 weeks
Labour Economics
 Using microeconomic principles to analyze the labour market. The scope will include theory, empirical evidence, and policy issues. Emphasis is on the Canadian economy. Labour supply and labour demand. Equilibrium wages and employment levels in both competitive and non-competitive labour markets. Wage differentials, unions, and discrimination. Prerequisite: ECON 201.

ECON 337-3 (BC=3)
(3-0) 15 weeks
Development Economics
 An introduction to the economic development process in developing nations. Analysis will include explanations for underdevelopment and examination of issues such as poverty, employment, income distribution, population growth, human capital, savings and investment, trade, foreign aid, and the role of markets and governments. Prerequisite: ECON 201 and 202 or consent of the Department.

ECON 341-3 (BC=3)
(3-0) 15 weeks
Money and Banking
 Nature and functions of money. Money creation. Financial markets and financial intermediation. Industrial structure and regulation in Canadian banking. Elementary monetary theory. Central banking and monetary policy. International finance. Prerequisite: ECON 201 and 202.

ECON 355-3 (BC=3)
(3-0) 15 weeks
Sports Economics
 Economic analysis of sports, with emphasis on professional team sports. Topics include demand for sports, the economic structure of leagues, winning and profitability, franchise values, pay and performance, free agency, arbitration, and discrimination. Policy issues such as competition law and government subsidies will also be considered. Prerequisite: ECON 201

ECON 373-3 (BC=3)
(3-0) 15 weeks
Industrial Organization
 Basic theory of industrial organization economics, based on the analysis of market structure, conduct, and performance. Emphasis is on aspects of Canadian industry and competition policy. Concepts of market structure. The meaning and measurement of monopoly power. Competition. Barriers to entry. Product differentiation. Economics of scale. Oligopoly. Collusion. Advertising. Organization of the firm. Prerequisite: ECON 201.

ECON 381-3 (BC=3)
(3-1) 15 weeks
Intermediate Microeconomic Theory
 Theory of consumer behaviour. Theory of production and cost. Determining price and output under competition, monopoly, and other market structures. Prerequisite: Math 30 (Pure), ECON 201.

ECON 382-3 (BC=3)
(3-1) 15 weeks
Intermediate Macroeconomic Theory
 Determination of income, employment, prices, interest rates, exchange rates and balance of payments. Impact of supply shocks, fiscal policy and monetary policy. Prerequisite: Math 30 (Pure), ECON 201 and 202.

➤ Education

(These courses are intended for Education students.)

EDCM 341-3 (BC=3)
(3-0) 15 weeks
Communication in the Classroom
 By focussing on your interpersonal skills, this course examines communication in the classroom. Students will practice and improve these skills through presentations, small group work, role playing, and communication exercises.

EDFN 201-3 (BC=3)
(3-0) 15 weeks
Introduction to Canadian Education
 An introductory course that explores both historical and contemporary issues in education. Students will become aware of the factors that have shaped and are shaping Alberta's public education system. This course helps students to develop the basic skills and knowledge that will enable them to become effective classroom teachers. Note: This course is not transferrable to U of A. **

EDFN341-3 (BC=3)

(3-0) 15 weeks

Concepts of Childhood in the History of Education

A study of those views of childhood which have exerted a significant influence on educational theory and practice from antiquity to today.

EDFX203-3 (BC=4)

(45 hours lecture, 60 hours fieldwork) 15 weeks

Education Field Experience

An introductory education course that gives you the opportunity to go out to area schools where you will work closely with professional teachers and observe and interact with elementary, middle and/or high school students. In your class seminar, you will learn about educational topics and discuss your field experiences. The field experience component requires you to spend two mornings per week in a local school. **It is imperative that you leave this time free when you are creating your timetable.** This course will be graded as CR/NCR (credit/no credit)

EDIT 302-3 (BC=4)

(3-3) 15 weeks

Instructional Application of Technology

This course will take you beyond learning specific software and expose you to ways you can integrate technology into your K-12 curriculum. Modules include word processing, creating spreadsheets, digital media, desktop publishing, multimedia, and webpage design. The objectives of the course are directly related to the Alberta Learning ICT Curriculum. Basic to intermediate word processing, internet and e-mail skills are recommended as prerequisites for all students. Credit will not be granted for EDPY 302 and EDIT 302.

EDPY 200-3 (BC=3)

(3-0) 15 weeks

Introduction to Educational Psychology

This course deals with the teaching-learning process and student behavior. It includes theory, research and illustrations, all dealing with classroom applications of psychological principles for education. Topics will include the development of the student in the cognitive, moral, gender and psycho-social domains, theories of cognition, learning and motivation.

EDUC 250-3 (BC=3)

(3-0) 15 weeks

The Profession of Teaching

This course explores the complex role of teachers as professionals in contemporary schools. Students will become familiar with the scope and expectations of the role of the teacher and the framework within which teachers work.

Note: Credit will not be granted for both EDFX 203 and EDUC 250.

➤ **Educational Assistant**

(formerly Teacher Assistant)

Note: Not all courses listed may be offered. Check Course Timetable for availability.

EDAS 111-3 (BC=3)

(3-0) 15 weeks

Role of the Assistant

Clarification of the roles of the teacher and the educational assistant. Topics include code of conduct, job descriptions, tasks, Alberta Teachers' Association policies, classroom management techniques and positive school climate.

EDAS 114-3 (BC=3)

(140 hours) 4 full weeks

Field Experience

Working as an educational assistant for four full weeks. Includes a seminar component. Scheduled after all coursework is complete. Prerequisite: All compulsory course work.

EDAS 116-3 (BC=3)

(3-0) 15 weeks

Human Relations

Developing and increasing your understanding of self and others. Interpersonal skills required in supportive roles as a para-professional.

EDAS 151-3 (BC=3)

(3-0) 15 weeks

History & Trends in Exceptionalities

Attitudes toward and services provided to persons with disabilities throughout history. Current trends and issues in special education. Laws relating to persons with disabilities in the U.S. and Canada, and Alberta in particular.

EDAS 152-3 (BC=3)

(3-0) 15 weeks

Overview of Exceptionalities

This course examines definitions, classification schemes, prevalence, causes, psychological and behavioural characteristics, and introduces educational considerations covering a wide range of exceptionalities.

Prerequisite or Corequisite: EDAS 151 or consent of the Department.

EDAS 153-3 (BC=3)

(3-0) 15 weeks

Fostering Positive Behaviour

Students will review both learning and behaviour management philosophies in order to build a repertoire of effective techniques and strategies that fosters positive behaviour change in the classroom.

Prerequisite: EDAS 151 and EDAS 111
Co-requisite: EDAS 152 or consent of the Department.

EDAS 156-3 (BC=3)

(3-0) 15 weeks

Visual Impairment

This course examines issues and techniques involved in teaching persons with visual impairment. Definitions, classification schemes, measurement, prevalence, causes, psychological and behavioural characteristics and basic teaching techniques are reviewed.

Prerequisite: EDAS 111 and EDAS 152 or consent of the Department.

EDAS 157-3 (BC=3)

(3-0) 15 weeks

Physical Disabilities

Issues and techniques involved in teaching persons with physical disabilities. Common physical disabilities. Related materials and equipment.

Prerequisite: EDAS 111 and EDAS 152 or consent of the Department.

EDAS 158-3 (BC=3)

(3-0) 15 weeks

Communication Disorders

Issues and techniques involved in teaching students with communication disorders. Speech development, identifying disorders and the role of the educational assistant.

Prerequisite: EDAS 111 and EDAS 152 or consent of the Department.

EDAS 159-3 (BC=3)
(3-0) 15 weeks

Hearing Impairment

This course examines issues and techniques involved in teaching persons with hearing impairment. Definitions, classification schemes, measurement, prevalence, causes, psychological and behavioral characteristics and basic teaching techniques are reviewed. Prerequisite: EDAS 111 and EDAS 152 or consent of the Department.

EDAS 160-3 (BC=3)
(3-0) 15 weeks

Assisting the Language Learning Teacher

Effective teaching strategies for language arts. Topics include learning theory, early literacy intervention, comprehension and decoding strategies, the writing process and writing analysis with an emphasis on assisting students in improving their reading and writing skills.

EDAS 161-3 (BC=3)
(3-0) 15 weeks

Assisting the Math Teacher

Mathematical concepts taught at the elementary school level. Teaching techniques for the mathematics classroom. Designing learning activities to improve children's understanding of math.

EDAS 163-1 (BC=1)
(3-0) 5 weeks

Supporting Students with Anxiety Disorders

This course explores the most common anxiety disorders with an emphasis on strategies and practices that assist and support these students in the classroom and with their peers.

Prerequisite: EDAS 111 and 152 or consent of department.

EDAS 164-1 (BC=1)
(3-0) 5 weeks

Supporting Students with Mental Health Concerns

This course explores the most common mental health disorders with an emphasis on strategies and practices that assist and support these students in the classroom and with their peers.

Prerequisite: EDAS 111 and 152 or consent of department.

EDAS 165-1 (BC=1)
(3-0) 5 weeks

Supporting Students with Disruptive Behaviour Disorders

This course explores some of the more common behaviour disorders with an emphasis on developing strategies that assist students in areas of communication, behaviour and social interaction in the classroom.

Prerequisite: EDAS 111 and 152 or consent of department.

EDAS 166-1 (BC=1)
(3-0) 5 weeks

Supporting Students with Autism

Learners explore the characteristics of classic Autism with an emphasis on building communication, social and behaviour strategies for use in the classroom and other inclusive settings.

Prerequisite: EDAS 111 and 152 or consent of department.

EDAS 167-1 (BC=1)
(3-0) 5 weeks

Supporting Students with Asperger's Syndrome

In this course we explore the common characteristics of Asperger's syndrome with an emphasis on teaching strategies that encourage positive communication, social and behaviour skills for students in the classroom and other inclusive settings.

Prerequisite: EDAS 111 and 152 or consent of department.

EDAS 168-1 (BC=1)
(3-0) 5 weeks

Supporting Students with Pervasive Developmental Disorder (PDD)

In this course we explore some of the characteristics that are used to differentiate classifications other than Autism and Asperger's syndrome on the spectrum of Pervasive Developmental Disorders. We then look at a variety of communication, social and behaviour strategies for use in the classroom and other inclusive settings.

Prerequisite: EDAS 111 and 152 or consent of department.

EDAS 181-4 (BC=4)
15 hours seminar, 156 hours fieldwork

15 weeks

Field Practice

Working under a co-operating supervisor in an educational setting. Taking part in a regularly scheduled seminar to discuss field practice.

Prerequisite: EDAS 111, EDAS 160 and EDAS 116

Pre/Co-requisites: EDAS 161 and EDAS 152

► Engineering

Note: Not all courses listed may be offered. Check Course Timetable for availability.

ENCP 200-3 (BC=3)
(3-0-1.5) 15 weeks

Computer Programming for Engineers

Overview of computer systems, functions of software components, operating systems, editors, compilers. Programming in a high level language such as C++. Selection and loop structures, routines, arrays and record types, text file operations, pointers. Introduction to object oriented programming, use of class libraries and construction of simple classes and constructors.

Prerequisite: Consent of the Department.

ENGG 200-2 (BC=2)
(2-0-0) 15 weeks

Orientation to the Engineering Profession

Development and history of the engineering profession. Branches of engineering. Engineering roles in various branches. Includes presentations from engineers in different branches. Several written assignments will form the basis for an assessment of your report writing abilities.

Note: This course will be repeated for credit in 2nd term.

Note: Open to Engineering students only.

ENGG 205-3 (BC=4)
(3-2.5) 15 weeks
Engineering Mechanics I
 Statics: 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 and beams. Dynamics: Kinematics and kinetics of particles.

ENGG 230-3 (BC=4)
(3-1-2) 15 weeks
Engineering Statics
 Equilibrium of planar systems. Particle and rigid-body equilibrium. Reduction of a simple distributed loading. Structural analysis, planar trusses and frames. Internal forces. Centre of gravity and centroid. Friction. Moment of inertia.
 Co-requisite: MATH 212
Note: Open to Engineering students only.

ENGG 251-3 (BC=3)
(1-4.5) 15 weeks
Design and Communication I
 The principles of engineering design, engineering graphics and written communication learned within a hands-on project-based experience for engineering students. Safety in the laboratory; working in a team environment; core skills for engineering students; process of engineering design; graphical communication: theory of projection, multi-view representations, descriptive geometry, sketching, information for manufacturing; written communication: style, format, organization, preparation and presentation skills. Real-life examples of design and engineering practice across all disciplines. Core competencies will be learned primarily within the context of team-based design projects.

ENGG 253-3 (BC=3)
(1-4.5) 15 weeks
Design and Communication II
 A continuation of Engineering 251. Students will perform more advanced team-based projects that integrate mathematical, scientific and engineering knowledge and skills. Issues that play critical roles in engineering design will be introduced, such as project management, societal and environmental awareness, health and safety, design for safety, sustainable development, information access, etc.

ENPH 231-3 (BC=4)
(3-1S-3/2)
Engineering Dynamics
 Kinematics and dynamics of particle. Work and energy methods. Impulse and angular momentum. Introduction to kinematics and dynamics of rigid bodies.
 Prerequisite: MATH 212.
Note: Open to Engineering students only

► **English**

Note: Not all courses listed may be offered. Check Course Timetable for availability.

ENGL 050-5 (BC=5)
(4-2S) 15 weeks
Basic English
 See "Career and Academic Preparation Courses," page 191.

ENGL 075-5 (BC=5)
(5-0) 15 weeks
Reading and Composition
 See "Career and Academic Preparation Courses," page 191.

ENGL 090-5 (BC=5)
(5-0) 15 weeks
Practical Writing and Literature
 See "Career and Academic Preparation Courses," page 191.

ENGL 095-5 (BC=5)
(5-0) 15 weeks
Literature and Composition
 See "Career and Academic Preparation Courses," page 191.

First-Year University Transfer English Courses
 Red Deer College offers university transfer English courses at the 200 level. These are usually prerequisites for 300-level English courses and for more advanced work in English. The overall objective for all 200-level courses is to develop critical reading skills and composition skills at the university level. Class discussions and instruction in composing academic essays will be combined with practice in critical analysis and self-expression.

ENGL 200-6 (BC=6)
(3-0) 30 weeks
Literature in English from the Middle Ages to the Present
 This course, intended to provide a sound foundation for further study in English literature, presents an historical survey of literature written in English from its beginnings in medieval times to the present. This survey emphasizes both major British and non-British writers, who are presented in their literary/historical contexts. Although there will be some instruction in the writing of critical essays, students enrolling in this course should feel confident about their essay-writing abilities.
 Prerequisite: ELA 30-1 or ENGL 095

ENGL 210-6 (BC=6)
(3-0) 30 weeks
Literary Analysis and Expository Writing
 Up to one-third of the course will be given to instruction and practice in university-level essay writing techniques. The rest of the course will be spent studying five literary genres: the essay, the novel, the short story, the poem, and the play. The purpose of this study is to increase your sensitivity to, and appreciation for, well-crafted pieces of writing. You will also become familiar with a range of distinguished works of literature.
 Prerequisite: ELA 30-1 or equivalent.
Note: Credit will not be granted for both ENGL 210 and ENGL 219 or ENGL 220.

ENGL 219-3 (BC=3)
(3-0) 15 weeks
Language and Literature
 The focus of this course is on appraising short prose works of literature and studying expository prose structure and style. At least half the course will be spent developing and practicing university-level essay writing techniques. The rest of the course will be given to studying the essay, the short story, and, optionally, the prose play. The purpose of this study is to increase your sensitivity to, and appreciation for, well-crafted pieces of writing. You will also become familiar with some distinguished works of literature.
 Prerequisite: ELA 30-1 or 095
Note: Credit will not be granted for both ENGL 219 and ENGL 210.

ENGL 220-3 (BC=3)

**(3-0) 15 weeks
Literary Analysis**

The course explores works from three genres: poetry, drama, and the novel. The aim of this study is to increase sensitivity to, and appreciation for, various distinguished works of literature, and to develop further the ability to analyze, discuss, and write about literature. At least one week of class time will be used for polishing essay-writing skills.

Prerequisite: ENGL 219.

Note: Credit will not be granted for both ENGL 220 and ENGL 210.

Second-Year University Transfer English Courses

These courses are open to students who have completed two term-courses or one full-year course in English at the 200 level, or who have the instructor's permission. These courses may be taken to meet specific program requirements, to serve as elective credits (options) in a program, and to lead to more advanced work in English studies. If you wish to major in English or pursue an Honours English program, consult the appropriate university calendars before choosing 300-level courses.

ENGL 302-6 (BC=6)

**(3-0) 30 weeks
Introduction to Contemporary Theoretical Practices**

This course will study the major schools of contemporary literary theory, comparing their principles and methods to changing definitions of literature, testing their claims and uses against differing values of readers. Theoretical debate and practical analysis combine in this course to train the student as a polemical literary critic. Selected readings represent Gender, Post-Colonial, New Historical, Feminist, Marxist, Psychoanalytic, Structuralist, Reader-Response, and Formalist criticism.

Prerequisite: Full year of 200-level English

ENGL 304-3 (BC=3)

**(3-0) 15 weeks
A Survey of British Literature**

An historical survey of literature in English from the Middle Ages to the mid-Victorians, English 304 will focus on major works that are representative of their age or that have played a significant role in shaping the course

of British literature. Some attention will be paid as well to the issue of canon formation. The course is designed for students who would like a broad overview of the development of British literature from the 14th to the 19th centuries. It provides a good base from which students can move on to other Senior English courses which focus on specific periods and which generally call for some prior knowledge of this historical development.

Prerequisite: ENGL 210 or 219/220 or equivalent

Note: Not to be taken by students with credit in ENGL 200

ENGL 305-3 (BC=3)

**(3-0) 15 weeks
The Development of Children's Literature**

Providing historical background to current concepts of children's literature, the course examines the evolution of children's literature, its trends and themes, as well as contemporary children's literature. A short time is spent considering what childhood is, so as to understand some of the childhood responses to literature. The course then attempts to answer the question: "What is Children's Literature?"

Prerequisite: Full year of 200-level English

ENGL 306-3 (BC=3)

**(3-0) 15 weeks
Folklore in Children's Literature**

This course offers a study of oral materials drawn into English literature from a range of cultural traditions. These include myths (mainly Greek, Norse, and North American Indian), folk-tales (Perrault, Grimm, Andersen, and others), and legends. Ballads, stories in song and verse, and lore in rhyme are studied. Common themes and theories on the origin and evolution of folklore are discussed. Modern folklore (such as fantasy and science fiction) is related to folklore of the past. The emphasis is on the place of folklore in children's literature.

Prerequisite: Full year of 200-level English

ENGL 309-6 (BC=6)

**(3-0) 30 weeks
Expository Writing**

The purpose of this course is to increase your ability to write clear expository prose. Models of prose style will be studied and used in frequent writing practice.

Prerequisite: Full year of 200-level English

ENGL 318-6 (BC=6)

**(3-0) 30 weeks
Traditions in English Poetry**

This course will examine the traditions, forms, and techniques of poetry written in English from the Renaissance to the present. Through the close reading of poems drawn from a variety of national literatures, including British, American, and Canadian, students will develop skills in detailed textual analysis.

Prerequisite: Full year of 200-level English

ENGL 330-3 (BC=3)

**(3-0) 15 weeks
Early English Renaissance**

The literature of the later Tudor period is studied, with emphasis on the early years of Elizabeth's reign. Writers include More, Elyot, Hoby, Wyatt, Surrey, Sidney, Spenser, Marlow, Drayton, Shakespeare, and others.

Prerequisite: Full year of 200-level English

ENGL 331-3 (BC=3)

**(3-0) 15 weeks
Later English Renaissance**

Prose and poetry from approximately 1600-1650 are studied. Poetry includes works by Donne, Herbert, Vaughn, Jonson, Marvell, Milton, and others. Prose includes readings from Bacon, Donne, Burton, Bunyan, and others.

Prerequisite: Full year of 200-level English

ENGL 332-6 (BC=6)

**(3-0) 30 weeks
Shakespeare**

This course examines a representative sampling of Shakespeare's plays (histories, comedies and tragedies) and attempts to draw conclusions concerning his development as a dramatist. Various critical approaches to the plays will be discussed.

Prerequisite: Full year of 200-level English

ENGL 341-3 (BC=3)

**(3-0) 15 weeks
The Augustan Age**

Major literary works of the Augustan period are examined, as well as the natural and moral philosophy of the time. Emphasis is placed on the satirical works of Swift and Pope, but a representative sampling of the works of other men and women writers of the period will be considered.

Prerequisite: Full year of 200-level English

ENGL 343-3 (BC=3)

(3-0) 15 weeks

The Age of Johnson

A complement to ENGL 341, this course deals with the major literary works of the second half of the 18th century. Although the course centres on the works of Samuel Johnson, important works by other men and women writers of the period will also be studied.

Prerequisite: Full year of 200-level English

ENGL 345-3 (BC=3)

(3-0) 15 weeks

The British Romantic Period

This course deals primarily with the major Romantic poets, but other writers of the period will be considered. The main focus is on the poetry and its revolutionary or prophetic concerns. Also considered are the radical changes in morals, lifestyles, social attitudes, and mythological patterns of the Romantic period.

Prerequisite: Full year of 200-level English

ENGL 347-3 (BC=3)

(3-0) 15 weeks

The Victorian Period

Victorian England (1837-1901) became the centre of a cultural, political, and commercial empire, leading the world into a modern era of urban and industrial development. This course divides the period into early, middle, and late phases, studying how its literature responds to social change.

Prerequisite: Full year of 200-level English

ENGL 357-6 (BC=6)

(3-0) 30 weeks

The English Novel

This course examines key works in the development of the English novel from the 18th to the early 20th century. The course covers the history of the genre, the techniques of the novel, and works by such authors as Defoe, Richardson, Fielding, Goldsmith, Walpole, Austen, Dickens, Eliot, Bronte, and Hardy.

Prerequisite: Full year of 200-level English

ENGL 361-3 (BC=3)

(3-0) 15 weeks

Early 20th Century British Novel

The radical changes in morals, lifestyles, social attitudes, and political concerns of the early 20th century are reflected in the lives and writings of British prose writers of this period. In addition to examining novels

by a variety of writers, we will consider the influence that other artists, philosophers, and politicians had on the literature of this period. (Recommended to be followed by ENGL 368.)

Prerequisite: Full year of 200-level English

ENGL 366-3 (BC=3)

(3-0) 15 weeks

The Short Story

This course examines representative works of short fiction illustrating the tradition of the short story in English. The course will sample contemporary experiments in the short story form and introduce a technical vocabulary appropriate to the study of narrative.

Prerequisite: Full year of 200-level English

ENGL 368-3 (BC=3)

(3-0) 15 weeks

Later 20th Century British Novel

The Modern period is marked by a wide range of literary forms, styles, and content pioneered by the writers of the first quarter of this century. This course focuses on the main writers of the next 30-40 years, whose works illustrate the ever-expanding scope of the Modern novel. These works also show how changes in morals, social values, political structures, and technology were altering the artist's reaction to his/her new role in the world. (Recommended to be preceded by ENGL 361.)

Prerequisite: Full year of 200-level English

ENGL 371-3 (BC=3)

(3-0) 15 weeks

Topic in Canadian Literature

The focus will vary from year to year, but possible topic areas include literature of a specific Canadian region, genre, or theme (for example, Canadian Prairie Writing, Contemporary Canadian Women's Writing, The Canadian Long Poem, Canadian Gothic).

Prerequisite: Full year 200-level English

Note: You cannot have credit in both ENGL 371 and 382

ENGL 373-6 (BC=6)

(3-0) 30 weeks

American Literature to 1900

This course examines American literature from the period of the first settlements in the early 1600's, but concentrating on the 19th century. As America emerged from its colonial status into nationhood, there developed a desire to construct a canon of distinctively American literature; this course discusses the body of work that constitutes this canon and also interrogates the canon, giving some attention to writers traditionally omitted.

Prerequisite: Full year of 200-level English

ENGL 376-3 (BC=3)

(3-0) 15 weeks

Introduction to Creative Writing: Fiction

This course provides instruction and practice in the foundations of writing literary fiction. Writing exercises will focus on word play, developing evocative language, the need for technically accurate and credible dialogue, identifying and mastering various narrative shifts such as exposition and Free Indirect Discourse, and understanding the necessity for tension and conflict, characterization, and plot. Considerable time will be spent reading and studying peer work and existing examples of excellent writing. It does not provide instruction in writing formulaic or non-fiction. Participation in the workshop environment is essential. A strong academic average in writing-based courses is strongly recommended.

Prerequisite: Full year of 200-level English

ENGL 377-3 (BC=3)

(3-0) 15 weeks

Introduction to Creative Writing: Poetry

This course is conducted as a seminar. Models of excellent writing are used as a basis for classroom discussion. This includes works from the 20th century as well as students' own works. You will be expected to hand in creative work and a set exercise every week. This is not a composition course. It deals with practical problems of creative writing, such as style, techniques, poetic forms, and the role of the literary artist. You should have a good academic average, although you need not have been published.

Prerequisite: Full year of 200-level English

ENGL 378-3 (BC=3)
(3-0) 15 weeks
Intermediate Creative Writing: Fiction
 This course will build on the foundation acquired in ENGL 376, with an emphasis on wider practice of narrative skills. Attention will shift from exercises dedicated to particular aspects of narrative form to the integration of these elements in completed short fiction. Considerable reading and studying of existing models of excellent writing are required. Participation in the workshop environment is essential.
 Prerequisite: Minimum Grade of B in ENGL 376 or Consent of Department

ENGL 379-3 (BC=3)
(3-0) 15 weeks
Intermediate Creative Writing: Poetry
 ENGL 377 is continued, with basically the same objectives and assignments. This course concentrates more on your own creative work and less on special exercises. Open to students who have done well in ENGL 377.
 Prerequisite: Full year of 200-level English and ENGL 377

ENGL 382-6 (BC=6)
(3-0) 30 weeks
Canadian Literature from 1925
 This course is a critical and historical study of the literature of English-speaking Canada from 1925 to the present. We will examine both poetry and prose, concentrating on modernist and postmodernist writers of the period such as E.J. Pratt, Dorothy Livesay, Earle Birney, Sinclair Ross, Margaret Atwood, Robert Kroetsch, Margaret Laurence, Mordecai Richler, Carol Shields, and Michael Ondaatje.
 Prerequisite: Full year of 200-level English

ENGL 383-6 (BC=6)
(3-0) 30 weeks
American Literature from 1900
 The major American writers of the 20th century have created a literature that profoundly expresses the nature of existence in the modern world. This course surveys the diversity of literary expression in representative works of fiction, poetry, and drama of the period.
 Prerequisite: Full year of 200-level English

ENGL 385-3 (BC=3)
(3-0) 15 weeks
First Nations Literature
 The emphasis will be on modern and contemporary First Nations writing in Canada, though earlier works and some American First Nations writing will be introduced. Also considered will be the oral tradition and literary, cultural, and political issues related to course material.
 Prerequisite: Full year of 200-level English

ENGL 387-3 (BC=3)
(3-0) 15 weeks
Topic in Literature and Society
 Although the specific topic will vary from year to year, this course investigates the conjunction of literature, culture, and social issues, examining historical, social, economic, political, and gender determinants that intersect within individual works. Specific topics may include Literature and Science, Literature and Health Care, or Literature and Religion.
 Prerequisite: Full year of 200-level English.
Note: This course may be repeated for credit.

ENGL 389-3 (BC=3)
(3-0) 15 weeks
Topic in Women's Writing
 Although the specific topic will vary from year to year, this course will examine writing by women in ways that are informed by theoretical approaches to women's literature. Topics may focus on a specific time period, genre, geographic region, or theme (such as Women's Writing to 1900, Women Novelists in Britain, Representations of Gender).
 Prerequisite: Full year of 200-level English.
Note: This course may be repeated for credit.

ENGL 391-3 (BC=3)
(3-0) 15 weeks
Topic In International Literature
 The focus of this course, while its content will vary from year to year, will be on literature written in English outside of Canada, Great Britain, and the United States. Students may study work from a particular geographic region - e.g., Africa, the Indian Subcontinent, the Caribbean, Australasia - or they may study particular issues in the field of post-colonial literature.
 Prerequisite: Full year of 200-level English.
Note: This course may be repeated for credit.

ENGL 392-6 (BC=6)
(3-0) 30 weeks
International English Literature
 The focus of the course will be on literatures written in English outside of Canada, Great Britain, and the United States, encompassing representative works from several areas such as Africa, Australasia, the Caribbean, and the Indian subcontinent.
 Prerequisite: Full year of 200-level English

ENGL 393-3 (BC=3)
(3-0) 15 weeks
Science Fiction
 This course will study the features and history of the science fiction genre through the study of representative works.
 Prerequisite: Full year of 200-level English

ENGL 399-3 (BC=3)
(3-0) 15 weeks
Detective Fiction
 This course will study the genre of detective fiction using representative works from the nineteenth and twentieth centuries. We will explore detective fiction's history, ideas, and relation to both popular and literary culture.
 Prerequisite: Full year of 200-level English

➤ **Family Studies**

FAM 315-3 (BC=3)
(3-0) 15 weeks
Relationship Development
 The study of the nature of intimate relationships in friendship, marriage and family. Teaching and classroom implications will be considered.

FAM 322-3 (BC=3)
(3-0) 15 weeks
Human Sexuality
 An inquiry into the nature of sexual behaviour, its personal and cultural sources and its personal, familial, societal and educational implications. The focus of this class is to prepare future teachers to instruct sexuality education curriculum and to provide background knowledge which will help teachers understand children's growth and development as it pertains to human sexuality.

➤ **Film**

FILM 201-3 (BC=4)
(3-2) 15 weeks

Introduction to Film: Film Art

This introductory film art course surveys the formal development and production value of cinema, providing a basic knowledge of genre, form, style, and theory based on the close study of selected titles from the silent era to the present day. Its mandate is to theorize film production and analyze film reception within a technical and aesthetic framework. Co-requisite: full year of 200-level English

FILM 202-3 (BC=4)
(3-2) 15 weeks

Introduction to Film: Film History

This introductory film course surveys the historical development and social value of cinema, providing a basic knowledge of national schools, production eras, and ideological trends based on the close study of selected titles from the silent era to the present day. Its mandate is to theorize film production and analyze film reception within a historical and cultural framework.

Co-requisite: full year of 200-level English

FILM 301-3 (BC=4)
(3-2) 15 weeks

Topic in Film Genre

This course provides students with an overview of the style, narrative patterns, historical evolution, and cultural mythologies of a selected film genre, such as the musical, the western, horror, or children's film

Prerequisites: FILM 201 or 202; full year of 200-level English; or consent of the department.

➤ **Financial Services**

FINS 180-3 (BC=3)
(3-0) 15 weeks

Financial Products and Services

This course provides a conceptual knowledge base, which allows students to analyse and explain a wide variety of financial products and services available to banking customers. This background is set against an analysis of the role of money and products/services in the economy. The primary focus is the ability to analyse, compare, and explain different products and services as they relate to the customers' varied needs.

FINS 270-3 (BC=3)
(3-0) 15 weeks

Selling and Negotiating in a Financial Services Environment.

The focus of this course will be on the application of person-to-person relationship selling and negotiating skills. The objective of this course will be to refine sales and negotiating skills through the use of discussions, cases, simulations, and interactions with members of the industry. Prerequisite: FINS 180 or consent of department.

FINS 280-8 (BC=5)
(8-0) 500 hours over 16 weeks

Financial Services Work Experience

This course provides an opportunity for students to work in the financial services industry and apply knowledge learned in their first year. Students will be exposed to a variety of entry level positions. This course offers students paid work experience selling personal financial products. Consult the program coordinator for details.

Prerequisite: FINS 180 or consent of department.

FINS 281-3 (BC=3)
(3-0) 15 weeks

Investment Funds in Canada (IFIC)

The Investment Funds in Canada course provides an in depth look at the fundamentals of mutual funds and related investment products in Canada. Students who successfully complete the course requirements for FINS 281 Investment Funds in Canada (IFIC) are eligible to take the IFIC exam administered by The Institute of Canadian Bankers. A minimum of 60% must be achieved on the IFIC examination in order to register for a mutual funds license. Students are allowed three attempts at the exam before having to repeat the course.

Prerequisite: FINS 180 or consent of department.

FINS 282-3 (BC=3)
(3-0) 15 weeks

Retail Credit in Canada

This course begins with an overview of the six fundamentals of credit. Various retail credit products, such as secured and unsecured loans, lines of credit and mortgages, will be discussed. Time value of money concepts will be used to calculate loan payments and compare interest costs. The case study method will be used to develop students' understanding of sound borrowing decisions.

Prerequisite: FINS 180 or consent of department.

FINS 284-3 (BC=3)
(3-0) 15 weeks

Fundamentals of Personal Finance

The Fundamentals of Personal Finance addresses communication techniques and relationship building skills. The course covers preparation, analysis and understanding of personal financial statements; preparing a debt and cash management plan; time value of money concepts in financial calculations, and economic theory as it applies to personal finance.

Prerequisite: FINS 180 or consent of department.

FINS 286-3 (BC=3)
(3-0) 15 weeks

Insurance in Canada

Term and whole life, disability, accident, critical illness, and creditor insurance contracts will be studied. The course will also review how these products are underwritten by bank and non-bank insurers and coordinated with government benefits. Students will write the Life License Qualification Program (LLQP) exam at the end of the course as offered by the IFIC.

Prerequisite: FINS 281

FINS 287-3 (BC=3)
(3-0) 15 weeks

Advanced Financial Planning

This course integrates the knowledge and skills gained in the core curriculum of the Diploma in Financial Services program. Students will apply their skills and knowledge in the development of a comprehensive financial plan, as well as, other integrative activities throughout the course.

Prerequisite: FINS 281, 282, BADM 260 or consent of department.

FINS 320-3 (BC=3)

(3-0) 15 weeks

Select Topics in Financial Services

Specialized areas of knowledge in financial services that allow students to gain a broader understanding of the diverse needs of the financial services industry, its management and its customers. Course offering and specific topics depend on availability of a qualified instructor with the required skills and experience.

FINS 321-3 (BC=3)

(3-0) 15 weeks

Select Topics in Financial Services

Specialized areas of knowledge in financial services that allow students to gain a broader understanding of the diverse needs of the financial services industry, its management and its customers. Course offering and specific topics depend on availability of a qualified instructor with the required skills and experience.

➤ **French**

Note: 100-level language courses are intended for students with little or no background in the language. Students who have high school matriculation in the language, or who are taking a 100-level course to meet a university's matriculation requirements, may be denied transfer credit. Check the Transfer Guide and with the university.

Note: Not all courses listed may be offered. Check Course Timetable for availability.

FREN101-3 (BC=4)

(4-1) 15 weeks

Beginners' French

For students without any French or with French 10. Comprehension, speaking, reading, and writing. The oral aspect of the language is stressed in class.

FREN102-3 (BC=4)

(4-1) 15 weeks

Beginners' French II

For students who have taken French 20 or FREN 101. The oral aspect of the language is stressed in class. The course will prepare you for university-level courses.

Prerequisite: French 20 or FREN 101 or equivalent or consent of the Department.

FREN202-3 (BC=4)

(4-1) 15 weeks

Intermediate French I

Spoken and written French, including grammar, composition, literature, and conversation. The literature includes works of modern authors.

Prerequisite: French 30, FREN 102 or equivalent.

FREN203-3 (BC=4)

(4-1) 15 weeks

Intermediate French II

A continuation of FREN 202. Further development of spoken and written French, including grammar, composition, literature and conversation. The literature includes works of modern authors.

Prerequisite: FREN 202, Francais 30 or equivalent.

Note: Students presenting French Language Arts 30 or Francais 30 may apply for advanced placement directly into French 203. Those wanting credit for French 202 may apply to challenge the course. Those presenting IB French HL or SL with a grade of 6 or higher will receive credit as per page 28.

FREN302-3 (BC=4)

(4-0) 15 weeks

Advanced French I

To further develop written and oral skills learned in FREN 202-203 or an equivalent, with an emphasis on presentation grammar, composition and literary elements. Conversation activities are included in the course

Prerequisite: FREN 200, FREN 203 or equivalent.

FREN303-3 (BC=4)

(4-0) 15 weeks

Advanced French II

A continuation of FREN 302. Further development of reading, written and oral skills with an emphasis on presentation grammar, composition and literary analysis. Conversation activities are included in the course.

Prerequisite: FREN 302

FREN353-3 (BC=3)

(3-0) 15 weeks

Introduction to French Canadian Literature

Literary expression in French Canada, from its origins to the present time. A historical approach.

Prerequisite: FREN 200 or FREN 203 or consent of the Department.

FREN354-3 (BC=3)

(3-0) 15 weeks

Introduction to French Canadian Literature

Continuation and complement to FREN 353. A textual approach with emphasis on the problems of literary analyses.

Prerequisite: FREN 200 or FREN 203 or consent of the Department.

➤ **Genetics**

GENE370-3 (BC=3)

(3-0) 15 weeks

Foundations of Molecular Genetics

A detailed look at the genetics of microorganisms. Experiments on bacteria and viruses are used to examine concepts such as fertility, genetic fine structure, mutagenesis, DNA repair, DNA replication and the control of gene expression.

Prerequisite: BIOL 317.

GENE375-3 (BC=3)

(3-0) 15 weeks

The Genetics of Higher Organisms

A survey of the principles of genetics of eukaryotes. Gene structure and function. Mendelian genetics. Cytoplasmic inheritance. Cytogenetics. Biochemical genetics. Developmental genetics. Emphasis is on examples from human genetics.

Prerequisite: BIOL 317.

► Geography

Note: Not all courses listed may be offered. Check Course Timetable for availability.

GEOG 230-3 (BC=4)
(3-0-2) 15 weeks

Introductory Physical Geography

Geomorphology: the nature and formation of major landform features of the earth's surface. Rock weathering and slope movements; landforms developed by the erosion and deposition processes of rivers, glaciers, winds, waves, and currents. A field trip may be offered. Relevant environmental issues will be addressed.

GEOG 231-3 (BC=4)
(3-0-2) 15 weeks

Introductory Physical Geography II

Atmosphere and biosphere. Physical elements of weather and climate. Causes, changes, and patterns of weather. Climate classification. How climate, soils, and vegetation are interrelated. Relevant environmental issues will be addressed.

Note: GEOG 230 does not have to precede GEOG 231.

GEOG 250-3 (BC=3)
(3-0) 15 weeks

Spatial Organization of Human Activity

Introduction to the concepts of relative location, spatial interaction and spatial organization of human activity in both rural and urban settings; geographical theories and techniques.

GEOG 251-3 (BC=3)
(3-0) 15 weeks

Introduction to Cultural Geography

This introductory course will focus on basic concepts in human geography, the human environment, sustainability and development, population dynamics, migration, economic development, settlement patterns, cultural landscapes, the political world, industrialization, transportation, environmental change and other topics of current interest.

Based on lectures as well as hands-on classroom assignments, this course will enable students to acquire problem-solving and basic analytical skills widely applied in geography.

GEOG 381-3 (BC=3)
(3-0) 15 weeks

Geography of Canada

The regional geography of Canada. Canada's physical features and how they have affected the country's history and development. The concept of geographic regions. Patterns and characteristics of these regions, with selected detailed studies.

Prerequisite: A previous course in Geography is strongly recommended.

GEOG 382-3 (BC=3)
(3-0) 15 weeks

Regional Geography of the World: A Geography of World Affairs

This is not a course on current events. It provides university-level background to more properly understand current problems and world affairs. Focus is on major culture regions of the world and on individual countries. Emphasis is on the characteristics, distribution, interrelationships, and comparisons of the major physical and cultural features of these areas. (Population, political situation, economy, language, religion, and environment, for example.) Some history of each area is presented for perspective, but the emphasis is on the background for understanding contemporary world affairs.

GEOG 393-3 (BC=3)
(3-0) 15 weeks

The Geography of Cities

This introductory course will focus on how cities have evolved as they have, in their spatial and social structure, institutions and attitudes; understanding the historical processes and patterns by which cities have become simultaneously, the products and shapers of economic, social, political and technological change; studying demographic change and its effects on city internal structure and land use patterns; analysing the forces and factors that influence neighbourhood choice and growth; understanding the interrelationship between economic and social change within an urban context; and also comprehending the mechanisms of city systems.

► Health Care Aide

HCA 120-8 (BC=8)
(108 class hours; 24 lab hours)
Health Care Aide Theory I

Knowledge and skills needed to assist clients with activities of daily living in the role of health care aide. Provides opportunity to learn about the role of the health care aide in relation to other health care team members.

HCA 121-8 (BC=8)
(119 class hours; 20 lab hours)
Health Care Aide Theory II

Further development of knowledge and skills in assisting clients with activities of daily living. Addresses care of clients in institutions as well as in community/home care settings. Prerequisite: HCA 120

HCA 122-2 (BC=2)
(117 hours clinical practice)
Health Care Aide Supervised Clinical Practice

Clinical practice in the role of the health care aide, supervised by an instructor, in an institutional setting.

Prerequisites or Co-requisites: HCA 120, HCA 121

HCA 123-3 (BC=3)
(128 hours preceptored practice)
Health Care Aide Preceptored Clinical Practice

Preceptored clinical practice in the role of the health care aide in institutional and community/home care settings.

Prerequisites: HCA 120, HCA 121, HCA 122

► History

Note: Not all courses listed may be offered. Check Course Timetable for availability.

CLAS 209-3 (BC=3)
(3-0) 15 weeks
Early World History I

The beginnings of civilization to circa A.D. 600. Special emphasis is placed on Ancient Greek and Roman culture, mythology, religion and history. Students will be introduced to the daily life and historical importance of these two cultures.

CLAS 320-3 (BC=3)

(3-0) 15 weeks

Roman History

The study of late Republican Rome and the Imperial period, using Roman Historians of the time as source material.

HIST 207-3 (BC=3)

(3-0) 15 weeks

Early Modern World History 1450-1789

This course deals with: the last of the Turko-Mongol invasions and empires; European conquest of the Americas; piracy and slave trade; the Protestant Reformation and the religious civil wars in Europe; the Scientific Revolution; the origins of the modern state and the struggle for imperial hegemony; and the Enlightenment and the French Revolution.

HIST 208-3 (BC=3)

(3-0) 15 weeks

Modern World History 1789-1945

This course deals with: the impact of the French Revolution; industrialization and its impact; the British Raj and the decline of Manchu China; Marx, Darwin, racism and the new imperialism; the challenge of Japan and the United States to European world hegemony; World War I and the impact of the Russian Revolution; Fascism and World War II; Asian and African Nationalism and the destruction of European Empires.

HIST 209-3 (BC=3)

(3-0) 15 weeks

Pre Modern World History

A history of the world from the sixth century to the mid-fifteenth century. This course deals with the barbarian invasions and the collapse of the classical empires in Europe, China, and India; the expansion of universal religions of Buddhism, Hinduism, Christianity; the birth of Islam and the early Islamic Empires; the Crusades; the Turko-Mongol Empires; the silk routes and the effect of trade and commerce on Europe and Asia, and the origins of European expansion into the rest of the world.

HIST 280-3 (BC=3)

(3-0) 15 weeks

Asia to 1500

A survey of the history of Asia from the earliest historical period to the coming of the Europeans.

HIST 281-3 (BC=3)

(3-0) 15 weeks

Asia from 1500

A survey of the history of Asia from the coming of the Europeans to the present. Prerequisite: HIST 280

HIST 301-6 (BC=6)

(3-0) 30 weeks

European History Since the Renaissance

A survey of European history from 1500 to the present. Emphasis is on the political, economic, social and cultural development of European civilization as a whole.

HIST 311-6 (BC=6)

(3-0) 30 weeks

International Relations in the 20th Century

The impact of ideologically based foreign policies on international relations since World War I.

HIST 314-3 (BC=3)

(3-0) 15 weeks

Europe in the Era of the World Wars, 1900-1945

The course begins with an analysis of Europe's predominant political, economic and cultural position in the world at the beginning of the twentieth century, and proceeds to explore the origins, and conduct of World War I. War aims and the revolutionary consequences of defeat will be explored. Special attention will be given to the Russian and German Revolutions of 1917-1923, and the Peace Treaties which resulted from the Paris Peace Conference. The challenges presented by the "New Sciences", and the "new" political ideologies of Fascism, and the economic crisis of the 1930s will be examined, as will be the efforts to dismantle the Paris Peace Settlements of 1919. The course concludes with an examination of World War II, the Holocaust and the destruction of Europe.

HIST 315-3 (BC=3)

(3-0) 15 weeks

Europe in the Era of the Cold War, 1942-1991

The course commences with a discussion of World War II in Europe, and the breakdown of the wartime coalition, which defeated Germany, i.e. from Hot War to Cold War 1942-1949. Efforts at economic and social

reconstruction of Eastern and Western Europe, and the Conservative Democracies in the West, the Soviet Bloc after Stalin, the loss of colonial empire, achieving prosperity. The European Common Market, and the "Paris" and "Prague Springs of 1968", the Brezhnev Era, the 1980s as a new political era in Europe, Gorbachev Experiment and the Revolution of 1989.

HIST 333-3 (BC=3)

(3-0) 15 weeks

A Social History of England from 1815 to 1914

This course will examine the everyday life of the English people within the context of early industrial society. The course will place specific emphasis on the development of social class and examine how aspects of everyday life contributed to defining these social groups. Special attention will be placed on social legislation, urban and suburbanization, sport and leisure practices, education and literacy, and popular protest and political reform.

HIST 334-3 (BC=3)

(3-0) 15 weeks

A Social History of England from 1918 to the Present

This course will examine the everyday life of the English people within the context of the modern state. The course will place special emphasis on the emergence of a consumer culture, the Welfare State, mass media, and changing class perceptions. Special attention will be placed on popular culture, the relationship to work and leisure, social legislation, political protest and Thatcherism and the New Conservatives.

HIST 349-6 (BC=6)

(3-0) 30 weeks

The British Empire and Commonwealth

The analysis of British Imperialism from the Old to the New Empires to the establishment of the Commonwealth. This course treats imperialism as a dialectic and examines the process from the point of view of both the imperial and host nations. Emphasis is placed on India, the West Indies, North America and Africa. The course is a combination of seminar and lecture.

HIST 360-6 (BC=6)
(3-0) 30 weeks
History of the U.S.A.

A survey of the history of the U.S. from colonial times to the present. The development of an American identity. The effort to create an egalitarian society. The evolution of the U.S. political system. American imperialism. The impact of industrialism.

HIST 371-3 (BC=3)
(3-0) 15 weeks

The Canadian West to 1870
A history of the Prairie and Pacific regions of Canada in the era "when fur was king." The Indian in the fur trade. The rivalry of the fur trading companies. The Metis and 'country born.' Efforts to settle the West before 1870.

HIST 372-3 (BC=3)
(3-0) 15 weeks

The Prairie West Since 1870
The Prairie region as part of the Dominion of Canada. The West and Confederation. The impact of the railway. The National Policy. Settlement. Developing a regional identity. Western alienation.

HIST 373-3 (BC=3)
(3-0) 15 weeks

Canadian History to 1867
Canada's colonial era. The discovery and settlement of the regions that would be united in the Dominion of Canada in 1867. The development of social and political institutions. This course and HIST 374 provide a complete survey of Canadian history and a foundation for senior and advanced courses in this field.

HIST 374-3 (BC=3)
(3-0) 15 weeks

A History of the Dominion of Canada
A survey of the efforts to create a nation-state that controlled the northern half of the North American continent. The National Policy. The nature of a Canadian identity. Canada among the community of nations. Threats to the country's survival posed by regionalism, separatism, and the influence of the United States.

HIST 377-3 (BC=3)
(3-0) 15 weeks

20th Century Canada
The impact of industrialization on Canada and Canada's role in international affairs in the 20th century. Canada and the two World Wars. The growth of federal power. Canada as a northern nation. Quebec nationalism. Western alienation.

HIST 379-3 (BC=3)
(3-0) 15 weeks

The First Nations in Canada
A survey of Indian and non-Indian interaction since 1500. French-Indian relations. The role of the Indian in the defence of British North America. The Indian Treaties. The origin and development of the reserve system. The Government of Canada's Indian Policy.

HIST 380-3 (BC=3)
(3-0) 15 weeks

Pre-Modern South Asia
South Asia from earliest historic times to the coming of the Europeans. Emphasis is on the cultural basis of South Asian history.

HIST 383-6 (BC=6)
(3-0) 30 weeks

China
A survey of China from pre-modern times to the present. The first term covers Chinese history to 1800. There is a more detailed discussion of modern China in the second term.

HIST 384-3 (BC=3)
(3-0) 15 weeks

Modern South Asia
South Asia from the coming of the Europeans to the present.

➤ **Hospitality and
Tourism
Management**

HOSP 202-4 (BC=4)
(4-0) 15 weeks

Accounting for Non-financial Managers
Introductory hospitality financial accounting including the basic structure of accounting, the accounting information system, and generally accepted accounting principles.

HOSP 203-3 (BC=3)
(3-1) 15 weeks

Front Office Procedures
Presents a systematic approach to front office procedures by detailing the flow of business through a hotel, from the reservation process to check-out and settlement. Training is provided on current front office software.

HOSP 204-2 (BC=2)
(1.5-0) 15 weeks

Guest Room Management
Addresses management responsibilities of the Executive Housekeeper such as staffing, purchasing, planning and controlling expenses. Other topics include guest room design, amenities, and current guest room issues.

HOSP 205-1 (BC=1)
(1-0) 15 weeks

Security and Emergency Management
Current security issues related to the hospitality industry including procedures relating to physical security, emergency management and overall protection of guests and asset protection.

HOSP 206-3 (BC=3)
(3-0) 15 Weeks

Hospitality Marketing
Concepts relating to product, price, place and promotion will be covered in this consumer based approach to marketing. This course includes the development of a strategic marketing plan for a Tourism operation.

HOSP 208-3 (BC=3)

(3-0) 15 weeks

Hospitality Sales and Advertising

Provides a theoretical and practical background in Hospitality sales and advertising. Focuses on practical sales techniques, proven approaches for selling to targeting markets, and role of advertising in sales.

Prerequisite: HOSP 206

HOSP 213-3* (BC=3)

(3-1.5) 15 weeks

Computers

This is a self-directed course covering an introduction to computers together with word processing, spreadsheet and presentation applications. This course will provide a foundation of computer literacy for the hospitality and tourism industry.

*The course is designed as a self-directed course but a mandatory seminary is required to provide students with support; please register in both the Lecture and Seminar sections of this course.

Prerequisites: None

Prior Learning recognition, based on a skills appraisal, is available for students with computer skills but application for PLAR must be completed by the Add/Drop date.

HOSP 214-3 (BC=3)

(3-0) 15 weeks

Food, Beverage and Labor Cost Controls

An emphasis on establishing effective food, beverage and labor cost controls. Includes budgeting, setting operational standards, receiving, storing, issuing, production controls and labor cost management.

HOSP 215-2 (BC=2)

(1.5-0) 15 weeks

Food Safety and Sanitation Management

Various sanitation and food-related health hazards are discussed. Effective strategies for preventing outbreaks of food-borne illnesses are developed based on the Alberta Environmental Health standards.

HOSP 220-2 (BC=3)

(1-3) 15 weeks

Basic Food Preparation

An introduction to basic restaurant food preparation techniques including food storage, food safety, pre-preparation and plate presentation. This course addresses menu items similar to those prepared in fast food and casual dining establishments.

HOSP 221-2 (BC=3)

(1-3) 15 weeks

Basic Dining Room Service

An introduction to dining room service emphasizing the development of professional service skills. Includes electronic point-of-sales training, hosting, stewarding and barista duties in an actual food service setting.

HOSP 226-2 (BC=2)

(1.5-0) 15 weeks

Menu Planning and Design

Covers practical menu design issues including item selection, pricing, design and layout. Also covers the application of specialized menu design software and menu evaluation tools.

HOSP 228-2 (BC=2)

(1.5-1.5) 15 weeks

Bar and Beverage Management

An overview of beverage operations and basic bartending. Topics include product manufacturing, procuring, storing, issuing, inventory management and Alberta Liquor laws. Lab experience offers practical experience in bartending duties with an emphasis on mixology.

HOSP 230-2 (BC=2)

(1.5-0) 15 weeks

Introduction to Wine

An introduction to wines from various regions of the world. Includes viticulture, wine production techniques, selection, wine tasting and evaluation. Matching wine with food and cellar management are also covered.

HOSP 233-2 (BC=2)

(1.5-0) 15 weeks

Quality Service Integration

Assess customer needs and develop business strategies that result in service excellence. Create procedures that integrate Quality Customer Service into all aspects of the guest experience.

HOSP 236-3 (BC=3)

(3-0) 15 weeks

Hospitality Management Accounting

The use of accounting information in managerial decision-making. Topics include financial statement analysis, ratio analysis, pricing, cost management, cost-volume-profit relationships, budgeting, variance, cash flow analysis and cash management.

Prerequisite: HOSP 202

HOSP 239-3 (BC=3)

(3-0) 15 weeks

Food Purchasing and Production

Theory related to selection, composition, preparation and storage of various food items. Food trends, kitchen equipment, kitchen design and recipe development will also be discussed.

HOSP 240-3 (BC=3)

(3-0) 15 weeks

Hospitality Human Resource Management

Issues involved in the transition from employee to supervisor. Topics include how to build effective teams, improve interpersonal skills, deal with conflict, and motivate staff. Human Resource Management issues such as staffing, recruiting, selection of staff, compensation, benefits and labor relations are also discussed.

HOSP 241-1 (BC=1)

(1-0) 15 weeks

Strategic Career Development I

An introduction to the Hospitality & Tourism work environment. Examine job profiles, identify career goals and strategies, develop job search skills, prepare resumes and cover letters, understand employee/employer relationships and learn effective interview techniques.

HOSP 242-1 (BC=1)

(1-0) 15 weeks

Strategic Career Development II

Develop career goals and objectives, refine job search skills, prepare job-specific resumes and cover letters, create personal profiles, complete an industry career analysis and enhance interview performance.

HOSP 243-1 (BC=1)
(1-0) 15 weeks
Workplace Safety & Responsibility
 First-aid/CPR, WHMIS and ProServe certification.
 Note: This course will be graded as CR/NCR (credit/no credit).

HOSP 244-1 (BC=1)
(up to 25 required hours)
Introduction to Hospitality Services and Facilities
 Experience and evaluate a selection of Hospitality and Tourism facilities. The focus is on the analysis of the services and operations from a guest perspective.
 Note: This course will be graded as CR/NCR (credit/no credit)

HOSP 303-3 (BC=3)
(3-0) 15 weeks
Convention and Event Management
 Defines the scope and segmentation of the convention and event market, describes marketing and sales strategies to attract these markets, and explains techniques to meet their needs. Includes the application of specialized space configuration software.

HOSP 306-3 (BC=3)
(3-0) 15 weeks
Accommodation and Restaurant Law
 Provides an overview of contract law, tort law, labour laws, and human rights as each relates to the hospitality industry. Additional topics include: insurance, licensing, the Public Health Act, the Liquor Control Act, and the Alberta Innkeepers Act.

HOSP 308-3 (BC=3)
(3-0) 15 weeks
Tourism Operations
 An introduction to Global Tourism. Concepts include the psychology of travel, the role of governments and industry associations as well as the marketing and business operations of various tourism sectors.

HOSP 312-3 (BC=3)
(3-0) 15 weeks
Operations and Entrepreneurship
 The capstone course in the program. A project based course that encompasses the application of practical skills in entrepreneurship: planning, organizing,

leading, controlling, problem solving and business operations.
 Prerequisite: HOSP 318

HOSP 313-3 (BC=3)
(3-0) 15 weeks
Advanced Computers for Hospitality Management
 Develop intermediate and advanced word processing, spreadsheet, desktop publishing, and/or presentation software skills using current software applications. Emphasis will be placed on the application of skills as they relate to marketing, accounting, human resources and entrepreneurship.
 Prerequisite: HOSP 213

HOSP 318-3 (BC=3)
(3-0) 15 weeks
Contemporary Hospitality Management Theory
 An examination of contemporary management issues in the Hospitality & Tourism industry. Topics include the role of management in today's business environment, internal and external driving forces, basic organizational design, fundamentals of planning, foundations of decision making, managing change and innovation, management implications of a diversified workforce, techniques for effective critical analysis, social responsibility and ethics.

HOSP 320-2 (BC=2)
(8 hours class - 64 hours lab) 9 weeks
Fine Dining Service
 A practical experience to enhance fine dining service skills including American and French service styles as well as professional wine service.
 Prerequisite: HOSP 221

HOSP 321-1 (BC=1)
(0-4) 15 weeks
Beverage Operations
 Management and operation of a Cocktail Lounge. Includes practical experience in the role of General Manager, Event Coordinator, Kitchen Manager, Bar Manager and Beverage Server. The focus is on planning, supervising and the control systems in a beverage outlet.
 Prerequisite: HOSP 228

HOSP 322-2 (BC=2)
(8 hours class - 64 hours lab) 9 weeks
Fine Dining Food Preparation
 Advanced food preparation techniques, detailed plate presentation and intricate food combinations. Includes a selection of complex menu items typically found in fine dining establishments throughout North America.
 Prerequisite: HOSP 220

HOSP 328-2 (BC=2)
(1-2) 15 weeks
Electronic Marketing for Hospitality and Tourism
 Delivering Hospitality & Tourism goods and services via the World Wide Web. Topics include electronic communication in the inventory, exchange, advertisement, distribution and payment of goods and services. The major focus is the understanding of effective web page design as it relates to hospitality-based business.
 Prerequisite: HOSP 206, 213

WKEP 230-4 (BC=2)
(240 required hours)
1st Year Field Work
 The application of knowledge, skills and abilities acquired in the first year of studies. Securing a position in the Hospitality & Tourism industry is required. This position is subject to College approval. Supervision and continuing employment is at the total discretion of the employer. The employer will be required to submit an assessment of the student. The student must complete at least 240 hours of field work experience. This field work must begin after having satisfied **all other graduation requirements** and be completed within six months.
 Prerequisites: HOSP 220, 221 and 241
 Note: This course will be graded as CR/NCR (credit/no credit)

WKEP 330-4 (BC=2)
(240 required hours)
2nd Year Field Work
 Critical analysis of work place management and operations. Securing a position in the Hospitality & Tourism industry is required. This position must be directly related to the career goals and aspirations as determined in HOSP 242 and is subject to College approval. Supervision and continuing employment is at the total discretion of the

employer. The employer will be required to submit an assessment of the student. The student must complete at least 240 hours of field work experience. This field work must begin after having satisfied **all other graduation requirements** and be completed within six months.

Prerequisites: HOSP 242 & 312

Note: This course will be graded as CR/NCR (credit/no credit).

► Information Technology

ITEC 100-1 (BC=1)

(1-0) 15 weeks

IT Service Desk

An introduction to the Information Technology Service Desk. Topics include client interaction, e-mail and telephone etiquette, common office productivity software (word processors, spreadsheets, databases), project management software, contact management software, and organizer/scheduling software.

ITEC 105-2 (BC=2)

(2-0) 15 weeks

Discrete Mathematics

Organization of number systems. Develops skills in using and converting number systems. Topics include Boolean algebra and its uses, set theory, logic statements and computer circuitry.

ITEC 110-2 (BC=2)

(3-3) 7.5 weeks

Computer Hardware

Theory, operation, configuration, and troubleshooting of devices associated with desktop and mobile computer systems. Topics include operational theory of common internal system components and peripheral devices, component research, operating system installation, troubleshooting using diagnostic software, and effective configuration/repair documentation.

ITEC 115-2 (BC=2)

(3-3) 7.5 weeks

Operating Systems

Operational theory of modern computer operating systems. Topics include operating system architectures, concurrency issues, protection and security fundamentals, investigation of tools and diagnostic services both graphical and command-line based.

ITEC 120-2 (BC=2)

(3-3) 7.5 weeks

Computer Networking

The latest concepts in Local Area Network (LAN) technologies. Comprehensive introduction to networking concepts. Topics include OSI Model and technologies, components, and protocols found in today's LAN environment, effective configuration/troubleshooting documentation.

ITEC 122-1 (BC=1)

(1.5-1.5) 7.5 weeks

Wireless Technology

Operational theory, configuration and troubleshooting of 802.11 x LAN wireless systems. Topics include wireless protocols and standards, wireless network planning, troubleshooting techniques, signal propagation issues, fundamental understanding and configuration of typical security protocols.

Prerequisite: ITEC 120

ITEC 124-2 (BC=2)

(3-3) 7.5 weeks

TCP/IP

TCP/IP based networks comprising the TCP/IP protocol suite. Topics include IP, ICMP, TCP, UDP protocols; IP subnetting, CIDR, overview of application layer protocols, emerging network technologies, design and configuration of a typical LAN, network troubleshooting and protocol analysis.

Prerequisite: ITEC 120

ITEC 126-1 (BC=1)

(1-0) 15 weeks

VoIP

Voice over IP (VoIP) telephony systems and applications. Topics include VoIP operational theory, protocols and standards, QoS management, comparisons to other telephony technologies, VoIP applications, WAN-based VoIP integration; interoperability with data networks, security

issues, design, configuration, troubleshooting of a LAN-based VoIP network system.

Co-requisite: ITEC 124

ITEC 128-2 (BC=2)

(4-0) 7.5 weeks

Wide Area Networks

Topics related to wide area networking (WAN) including telecommunication infrastructures, frame relay, ISDN, xDSL, and international and emerging WAN technologies.

Prerequisite: ITEC 124

ITEC 130-2 (BC=2)

(3-3) 7.5 weeks

Security I

Network security issues, principles, and applications. Topics include threat analysis, security principles and techniques, user/system authentication, common data encryption techniques, secure network topologies, remote access security, packet analysis, security audits, security reports, ethical hacking techniques, security support research, and security software review.

Prerequisite: ITEC 124

ITEC 140-2 (BC=2)

(3-3) 7.5 weeks

Desktop Operating Systems

Introduction to various desktop operating systems found in today's networked business environment. A practical course that provides students with experience installing, configuring, optimizing, and troubleshooting various operating systems.

Co-requisite: ITEC 115

ITEC 145-2 (BC=2)

(3-3) 7.5 weeks

Server Configuration

Planning, configuration, and troubleshooting of server systems. Topics include hardware selection, active directory configuration, managing users/groups, domain management, configuring DHCP and DNS services, printing support, data backup/recovery procedures, and system diagnostic/recovery tools.

Prerequisite: ITEC 140

ITEC 150-2 (BC=2)
(3-3) 7.5 weeks

Structured Programming

Software design principles and problem solving using structure programming. Topics include the development of algorithms, the representation of data, the syntax of a high level procedural programming language, basic data types and control structures. Includes coding, compiling, debugging and documenting programs.

ITEC 153-2 (BC=2)
(3-3) 7.5 weeks

Visual Programming

Introduction to developing applications for the Windows environment. Topics include graphical user interfaces, event driven strategies, input validation, file processing, database applications, and using classes. Visual Studio is currently used as the programming tool.

Prerequisite: ITEC 150

ITEC 156-2 (BC=2)
(3-3) 7.5 weeks

Object Oriented Programming

Includes problem analysis, designing algorithms, and implementing solutions to these problems. Programming topics include object-oriented design, data types and abstraction, classes, method design, interfaces, inheritance, polymorphism, exception handling, user interfaces and recursion.

Prerequisite: ITEC 150

ITEC 160-2 (BC=2)
(3-3) 7.5 weeks

Web Design

Topics include web page authoring and design techniques using XHTML and Cascading Style Sheets, the design of effective Web pages including page layout, user interface design and graphic design, and using Visual Basic and ASP.Net technologies to construct dynamic web content with the goal of creating a basic e-Commerce web site.

Prerequisite: ITEC 153

ITEC 163-1 (BC=1)
(3-3) 4 weeks

Web Client

Introduction to client-side programming techniques to develop dynamic web pages. Using JavaScript, the student programs objects, manipulates arrays, handles cookies, and validates web forms. The Document Object Model (DOM) and dynamic HTML (DHTML) is used to manipulate server generated content and enhance the user experience.

Prerequisite: ITEC 160

ITEC 166-1 (BC=1)
(3-3) 4 weeks

Web Server

Extension of the concepts developed in ITEC 160. Development of server generated web pages and database interaction using open source tools, such as PHP for the server-side programming and MySQL for the database. Real-world projects highlighting good program design to create practical web applications. Set up and maintenance of an open source Apache Web server.

Prerequisite: ITEC 160

ITEC 170-4 (BC=4)
(3-3) 15 weeks

Systems Analysis and Design

Tools, techniques, and methods for analyzing and designing integrated database systems that solve business problems. Data modeling and object modeling techniques implemented using relational database technology. Introduction of process modeling techniques and joint application design methodologies. Exposure to CASE tools to help in the design and documentation process.

ITEC 175-2 (BC=2)
(3-3) 7.5 weeks

Object-Oriented Analysis and Design

Introduction to the analysis and design of object-oriented applications using the Unified Modeling Language (UML). Students will also construct some of the models that are developed.

Prerequisite: ITEC 156, ITEC 170

ITEC 180-1 (BC=1)
(1-0) 15 weeks

Career Skills

Preparation for field work experience and soft-skills essential for industry employment success. Topics include information technology sectors, emerging trends, soft-skill identification, continuing education strategies, portfolio development, entrepreneur resources, employment search strategies, resume design, and interview skills.

ITEC 190-2 (BC=2)
(2-0) 15 weeks

Project

Independent or group projects. Completed with a supervising staff member and involving systems analysis and design, programming or networking and implementation of a solution to a user problem.

ITEC 193-4 (240 hours) 8 weeks

Practicum

Industry-based experience working as a member of an IT department in a development or support role. Includes reporting requirements and evaluation.

Pre/Co-requisite: ITEC 180

ITEC 196-8 (BC=6)
(600 hours) 16 weeks

Work Experience

Paid work experience as a member of an IT department in a development or support role. Includes reporting requirement and evaluation. Course normally taken at completion of first year of studies.

Pre-Co-requisite: ITEC 180

ITEC 220-2 (BC=2)
(3-3) 7.5 weeks

Network Design and Architecture

Topics include hierarchical network design, switch management, VLANs, routing protocols, Layer-3 device management, SNMP deployment, remote network management, traffic analysis, Window/Unix inter-networking, WAN protocols and infrastructures, network management software, virtual networking, RFP tendering.

Prerequisite: ITEC 130

ITEC 230-2 (BC=2)

(3-3) 7.5 weeks

Security II

Topics include advanced data encryption techniques, secure network design, SSO authentication, firewall configurations, intrusion detection/prevention systems, remote access authentication, VPNs, security auditing, packet analysis, computer forensics, hardware security appliances, advanced ethical hacking techniques, security software review.

Prerequisite: ITEC 130

ITEC 241-2 (BC=2)

(3-3) 7.5 weeks

Unix Administration

Commands and tools associated with the management of a Unix system. Topics include file system structures, permissions, managing system processes and user accounts, customizing system files, applying system utilities, command line interface operations, DNS, mail, FTP, web servers, and managing, troubleshooting, monitoring network operations.

Prerequisite: ITEC 115

ITEC 251-1 (BC=1)

(3-3) 4 weeks

Data Structures

Further development of the object-oriented programming skills. Topics include organization of data and implementation of common data structures such as lists, stacks, queues and trees, and the relationship between data structures and algorithms.

Prerequisite: ITEC 156

ITEC 254-1 (BC=1)

(3-3) 4 weeks

Advanced Java

Understanding of the complexities inherent in enterprise development and familiarity with technologies, concepts and building blocks of enterprise development. Hands-on experience with concepts associated with Java Enterprise API including database connectivity, invoking remote methods and Servlets/JSPs.

Prerequisite: ITEC 156

ITEC 257-1 (BC=1)

(3-3) 4 weeks

Extensible Markup Language

Using the Extensible Markup Language (XML) language to define and produce structured documents that facilitate the exchange of information between different systems. Topics include how to create a well-formed XML document, validating the document against a schema, transforming the document into another document using XSL, and programming against the document using DOM.

Prerequisite: ITEC 163

ITEC 261-1 (BC=1)

(3-3) 4 weeks

Advanced Web Programming

Technologies associated with websites that do more than simply store and retrieve information. Creation of web services and use of AJAX to create the content-rich, interactive web application often associated with Web 2.0 sites, such as social networking web sites. Includes the development of a Web 2.0 project.

Prerequisite: ITEC 257

ITEC 264-2 (BC=2)

(3-3) 7.5 weeks

Mobile Applications

Theoretical foundations of mobile computing systems, wireless networks, and advanced mobile applications. Architectures of mobile distributed computing systems; wireless network classification and management; use of the Internet in mobile computing. Development of mobile applications for devices such as the Tablet PC, PDAs, Smartphones, and mobile phones.

Prerequisite: ITEC 153

ITEC 267-2 (BC=2)

(3-3) 7.5 weeks

Distributed Applications

Implementation of distributed applications using a 3-Tier model. Topics include understanding the roles of the Presentation layer, Business layer and the Data Access layer, and developing distributed applications over LANs and the Internet using .NET Remoting and Web Services.

Prerequisites: ITEC 160, ITEC 175

ITEC 271-2 (BC=2)

(3-3) 7.5 weeks

Database Server Configuration

Installation, configuration, and management of relational database management software. Topics include role of the administrator, database design, data modeling, data integrity, backup, query optimization, security, server utilities, and client installation.

Prerequisite: ITEC 140

ITEC 274-2 (BC=2)

(3-3) 7.5 weeks

Structured Query Language

Introduction to the Structured Query Language (SQL). Using SQL statements to retrieve and manipulate information from databases, and to perform database administration tasks. Topics include SQL syntax, queries, joins, views, transactions, indexes, and developing applications that use databases.

Prerequisite: 153

ITEC 277-2 (BC=2)

(3-3) 7.5 weeks

Robotics

This course offers an overview of robotic systems as applied towards scientific and industrial applications.

Prerequisite: ITEC 150

ITEC 280-1 (BC=1)

(1-0) 15 weeks

Profession

Skills necessary to excel in the profession. Activities include continuing education research towards advanced post-secondary accreditations, identification of profession practice associations, professional ethics, understanding data privacy laws, advanced portfolio management, addressing project tenders, business development guidelines and entrepreneur resources, interviewer skills.

Prerequisite: ITEC 180

ITEC 290-4 (BC=4)

(4-0) 15 weeks

Project

Students work in a team to complete a project of interest that integrates knowledge and skills from previous courses and is responsive to current industry needs. Includes use of project management process

and software. Evaluation is based on reports, meetings with the instructor, achievement of project deliverables and project demonstrations/presentations.

ITEC 293-4
(240 hours) 8 weeks
Practicum

Industry-based experience working as a member of an IT department in a development or support role. Includes reporting requirements and evaluation.
Pre/Co-requisite: ITEC 280

ITEC 296-8 (BC=6)
(600 hours) 16 weeks
Work Experience

Paid work experience as a member of an IT department in a development or support role. Includes reporting requirement and evaluation. Optional course taken at the end of the student's second year of studies.
Pre/Co-requisite: ITEC 280

► **Interdisciplinary Studies**

Note: Courses in interdisciplinary studies will normally be 'team taught' by members of different disciplines.

Note: Not all courses listed may be offered. Check Course Timetable for availability.

INTD 240-3 (BC=3)
(3-0) 15 weeks
Integrated Arts Approach to Movement

An applied course in physical education emphasizing the connection between creative expression through the mediums of art, music, drama, dance and wellness as it applies to work with diverse clients with multiple needs. This course intends to give students working in the field of adapted physical education creative alternatives for maximizing the quality of life for their clients. It intends to broaden their outlook on the connection between creativity and wellness in physical education.

INTD 241-3
(3-0) 15 weeks
Wellness & Lifestyle Management

This course introduces the student to concepts of health, wellness and fitness, providing practical strategies for developing and

maintaining a healthy lifestyle. Students, through lectures, practical experience and self-evaluation will address personal wellness in the areas of fitness, nutrition, stress management and self-responsibility. The course serves to assist the student in self-empowerment by developing and promoting healthy eating, attitudes of physical activity and behaviors for themselves and others.

INTD 301-5
(2-0-14) 2 weeks
Cultural Immersion

The focus of this course is to develop cross-cultural competencies through immersion in an international setting or selected domestic location. Interagency collaboration and practical experience with an emphasis on global issues and their impact on health in regions with middle or low income populations will be the focus of this course. Recommended prerequisites: Any 200 level university transfer course.

INTD 321-3 (BC=3)
(3-1) 15 weeks
Contemporary Art in Process I

20th century trends in music, drama, visual art, dance, and creative writing. The course involves individual and group work by way of studying, being exposed to, and applying these disciplines. There are both evening performances and presentations and day classes. Limited to second and/or third year students.

INTD 322-3 (BC=3)
(3-1) 15 weeks
Contemporary Art in Process II

INTD 321 continued.
Prerequisite: INTD 321 or consent of instructor.

INTD 370-3 (BC=3)
(3-0-0) 15 weeks
Survey on International Health

Overview of international health issues in a cross-cultural context, using primary health care principles to look at major global health issues and the provision of health care in middle and lower income regions.
Recommended Prerequisite: 200 level university transfer course.

► **Kinesiology and Sport Studies**

Note: Not all courses listed may be offered. Check Course Timetable for availability.

A. Kinesiology and Sport Studies Courses

KNSS 200-3 (BC=4)
(3-0-2) 15 weeks
Structural Anatomy

A survey of the structure of the human body. Prerequisite: Biology 30 or consent of the Kinesiology & Sport Studies department.
Note: You must successfully complete a Laboratory Safety Orientation Seminar and Examination before taking part in labs. These seminars are offered during the first week of classes for each term. If you have completed the seminar and examination before, you may be exempted from the seminar by passing a challenge examination.

KNSS 201-3 (BC=3)
(3-0) 15 weeks
Biomechanics

Qualitative analysis of human movement, using biomechanical principles.

KNSS 202-3 (BC=4)
(3-2) 15 weeks
Physiology of Exercise

This course will examine the effects of exercise on the functioning of the human body. The lecture, laboratory experience and supplementary readings are designed to promote an understanding of the physiological responses to acute and chronic exercise.
Prerequisite or Co-requisite: PSIO 258/259

KNSS 203-3 (BC=3)
(3-0) 15 weeks
Skill Acquisition and Performance

Theory of skill acquisition, motor learning, and performance in a variety of sports, physical activities, and recreation.

KNSS 204-3 (BC=3)
(3-0) 15 weeks
Introduction to Sociocultural Foundations of Physical Education, Leisure and Sport.

The study of the nature, function and role of play, physical education, recreation, leisure,

and games as a basis for understanding the sociocultural foundations of sport and how contemporary society organizes and transfers attitudes and skills.

KNSS 205-3 (BC=3)
(3-0-0) 15 weeks

History of Sport

This course provides a foundational understanding of the historical development of sport. Lectures will include the development of the Olympic Sport Movement and the history of sport and leisure in Canada from colonial times to present. Historical effect and changes in professionalization, gender roles, culture, Olympic games structure and socialization in Canadian sport and leisure are included.

Prerequisite: KNSS 204

KNSS 209-3 (BC=3)
(3-0) 15 weeks

Measurement and Evaluation

Methods and techniques for evaluating physical activity programs and participants. Applying tests and measurement in a variety of sport community and institutional settings.

KNSS 210-3 (BC=3)
(2-0-2) 15 weeks

Fitness and Wellness Theory and Practice

Basic concepts of fitness and nutrition and how they apply to individual needs.

KNSS 220-3 (BC=3)
(3-0-1.5) 15 weeks

Introduction to Athletic Therapy

Athletic therapy in theory and practice. Sports medicine, care and prevention of injuries, and safety in athletics and physical education.

Prerequisite: KNSS 200.

KNSS 240-3 (BC=3)
(3-0-1.5) 15 weeks

Adapted Physical Education

An introduction to the current trends in the theory and practice of adapted physical education. The course includes a survey of special populations and the implications for program development and delivery.

KNSS 244-3 (BC=3)
(3-0) 15 weeks

Introduction to Nutrition

This course presents an overview of normal nutritional requirements, physiological functions and food sources. It examines the importance of nutritional adequacy in optimal health and disease prevention. Students will learn to evaluate nutritional issues and nutritional status.

Note: Not to be taken by students with credit in KNSS 224.

KNSS 250-3 (BC=3)
(3-0-0) 15 weeks

Introduction to the Administration of Sport, Physical Activity, and Recreation Programs

Basic knowledge and skills needed to administer a sport, physical activity, or recreation program.

KNSS 253-3 (BC=3)
(3-0) 15 weeks

Psychological Sport Performance

The course provides an introduction to sport psychology and mental performance with a focus on understanding human behaviour in physical activity and sport. This course examines the perspectives of sport psychology in conjunction with personality and social psychology.

KNSS 260-3 (BC=3)
(3-0-0) 15 weeks

Introduction to Coaching Theory

A range of coaching topics, both theoretical and practical.

Note: This course meets the standards of N.C.C.P. Part A & Part B. Theory.

KNSS 270-3 (BC=3)
(2-0-2) 15 weeks

Leadership and Instruction in Physical Activity

Leadership, communication, instructional skills and development are explored on an individual and group basis and applied to a variety of settings and activities.

KNSS 280-3 (BC=4)
(3-0-3) 15 weeks

Introduction to Outdoor Education

Concepts and experiences in outdoor education and leadership. Three hours per week of lecture/lab, along with a four-day fall camp. For 2008/2009, KNSS 280 starts

August 25th. (Participation in the course requires that all students complete and return a participant information package in early August. If you do not receive an information package by the end of July, please contact the Kinesiology Department at 403-342-3201).

KNSS 285-3 (BC=3)
(3-3) 15 weeks

Physical Activity and Aging

This course will examine the biological, psychological and sociological aspects of aging and their application in developing activities and working with older adults. Particular emphasis will be given to the role of physical activity and its impact on aging.

KNSS 299-3 (BC=3)
(1.5-0) 30 weeks

Directed Studies in Kinesiology and Sport Studies

Open to students with interest in the areas of sport, fitness, athletic therapy or adapted physical education. Through cooperative work experience and seminars, you will take part in applied practical experiences in fitness, coaching, administration, athletic therapy or adapted physical education. A faculty member will supervise.

Prerequisite: Consent of Chairperson.

KNSS 307-3 (BC=3)
(3-0-0) 15 weeks

Growth and Development

Changes in physical growth and motor development with emphasis on individual differences.

KPED 292-3 (BC=4)
(3-1.5) 15 weeks

Introduction to Elementary School Physical Education

A study of children at play and movement education for school children aged 5-12 emphasizing skill development in various physical activities.

KPED 294-3 (BC=3)
(3-0) 15 weeks

Introduction to the Movement Activities of Youth, Part I

A wide range of physical activities and important underlying concepts. Emphasis is on understanding concepts which relate to games, skills, and activities.

KPED 295-3 (BC=3)
(3-0) 15 weeks
Introduction to the Movement Activities of Youth, Part II
 Emphasis is on individual activities in a range of settings.
 Prerequisite: KPED 294.

KPED 309-3 (BC=3)
(3-0-0) 15 weeks
Introduction to the Scientific Basis of Human Movement
 Structure, function, and capacities of the human body as they relate to movement.
Note: Not for Kinesiology degree credit.

B. Dance Courses

KDNC 200-3 (BC=3)
(3-1) 15 weeks
The Spectrum of Dance in Society
 Theory and practice of dance as a human physical activity. Focus will be on the aesthetic, expressive, and rhythmical aspects of movement in a culture's artistic and social life. Movement content, techniques, improvisation, and composition in a variety of dance forms, including modern, creative, social, jazz, and folk dance.

KDNC 255-1.5 (BC=2)
(2-1) 15 weeks
Social Dance
 Theory and practice for individuals and partners in the foxtrot, waltz, swing, rumba, and cha cha.

KDNC 260-1.5 (BC=2)
(2-1) 15 weeks
Jazz Dance
 Theory and personal skill in body awareness and placement, locomotion, and choreographed jazz dance.

KDNC 340-3 (BC=3)
(3-0-0) 15 weeks
Modern Dance
 Theory and practice in creative dance technique, improvisation, and composition.

C. Physical Activity Courses

Physical activity is the primary means physical educators use to help others attain well-being and personal fulfillment. As a Kinesiology and Sport Studies student, or an Education student with a P.E. major or minor, you need to take part in and appreciate a variety of activities, from your own and other cultures, to better meet the leisure and work needs of your clients. You will develop a personal foundation of physical activity, including appreciation, skill, analytical understanding, and knowledge about different activities. Physical activity is the "physical" in physical education.

KPAC 200-1.5 (BC=2)
(2-1) 15 weeks
Swimming
 Theory and practice in the front and back crawl, breast stroke, side stroke, and elementary back stroke. Other aquatic skills.

KPAC 211-1.5 (BC=2)
(2-1) 15 weeks
Basketball
 Theory and practice in individual and team activities.

KPAC 214-1.5 (BC=2)
(2-1) 15 weeks
Ice Hockey
 The technical and introductory tactical components of the game of ice hockey are presented in this course. Emphasis will be placed on improving both technical skills and coaching expertise. Provided all course requirements are successfully met, students will receive Hockey Canada Coach Level and Developmental Level certifications. (Must supply own equipment.)

KPAC 218-1.5 (BC=2)
(2-1) 15 weeks
Soccer
 Theory and practice in passing, control dribbling, shooting, heading, and defending.

KPAC 231-1.5 (BC=2)
(2-1) 15 weeks
Badminton
 Theory and practice in service and service return, forehand and backhand drive, clear and smash, drop shots, basic tactics, and officiating. (Must supply own equipment.)

KPAC 233-1.5 (BC=2)
(2-1) 15 weeks
Racquetball/Squash
 Theory and practice in service and service return, forehand and backhand strokes, and basic tactics. (Must supply own equipment.)

KPAC 235-1.5 (BC=2)
(2-1) 15 weeks
Tennis
 Theory and practice in service and service return, forehand and backhand strokes, approach shots, volley, lob, and basic tactics. (Must supply own equipment.)

KPAC 237-1.5 (BC=2)
(2-1) 15 weeks
Volleyball
 Theory and practice in individual and team activities.

KPAC 240-1.5 (BC=2)
(2-1) 15 weeks
Baseball/Fastball
 Theory and practice in individual and team activities.

KPAC 245-1.5 (BC=2)
(2-1) 15 weeks
Golf
 Theory and practice in driving, chipping, pitching, and putting. A fee may be charged for green and range fees.

KPAC 255-1.5 (BC=2)
(3-0) 15 weeks
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. The course will be practical in nature. The students will be introduced to different schools of Hatha Yoga, with primary focus on Ashtanga Yoga. Emphasis will be on the progressive practice of selected yoga asanas.

KPAC 260-1.5 (BC=2)
(2-1) 15 weeks
Gymnastics
 Theory and practice in the basic movements common to all forms of gymnastics.

KPAC 270-1.5 (BC=2)

(2-1) 15 weeks

Track and Field

Theory and practice in sprints, long jump, shot put, hurdles, high jump, discus, distance running, triple jump, javelin, and pole vault.

KPAC 281-1.5 (BC=2)

(2-1) 15 weeks

Cross Country Skiing

Personal skill in diagonal striding, double poling, skating, christy and telemark.

Note: One day trip will be scheduled on a weekend during the course.

KPAC 290-1.5 (BC=2)

(2-1) 15 weeks

Metabolic Conditioning

Gaining knowledge and training in cardiovascular fitness through aerobic and anaerobic conditioning.

Prerequisite: KNSS 210 or consent of the Chairperson.

KPAC 296-1.5 (BC=2)

(2-1) 15 weeks

Flexibility and Relaxation

Studying flexibility and relaxation. Physiological, historical, biomechanical, individual, cultural and leadership perspectives. Studying flexibility and relaxation in relation to overall fitness and personal well being. Exploring practical ways of including this knowledge into personal life, and into leadership training.

KPAC 310-3 (BC=3)

(3-0) 15 weeks

Aquatics

The development of proficiency in swimming, understanding of scientific principles applied to performance and analysis of aquatic skills, development of teaching skills in aquatics, and understanding and application of lifesaving theory and resuscitation.

Prerequisite: Red Cross Blue Level (Level 6) or ability to swim front crawl and back crawl efficiently.

KPAC 311-3 (BC=3)

(3-0-0) 15 weeks

Analysis and Instruction of Basketball

Theory, practice, and teaching of basic skills. Prerequisite: KPAC 211 or consent of Department.

KPAC 314-3 (BC=3)

(3-0-0) 15 weeks

Analysis and Instruction of Ice Hockey

Theory, practice, and teaching of basic skills. Skating. (Equipment: skates, stick, helmet, hockey gloves, elbow and shin pads.)

Prerequisite: KPAC 214 or consent of Department.

Note: You must have the minimum skating ability of an average hockey player.

KPAC 321-3 (BC=3)

(3-0-0) 15 weeks

Applied Resistance Training

Examination and application of fundamental and specific principles associated with resistance training methodologies.

KPAC 337-3 (BC=3)

(3-0-0) 15 weeks

Analysis and Instruction of Volleyball

Theory, practice, and teaching of basic skills. Emphasis is on acquiring skills and basic team systems.

Prerequisite: KPAC 237 or consent of Department.

➤ **Legal Assistant**

(Open to Legal Assistant students or with consent of the Department.)

Note: Not all courses listed may be offered. Check Course Timetable for availability.

LAW 102-3 (BC=3)

(1.5-1.5) 15 weeks

Beginning Keyboarding

For those with little or no previous keyboarding skills. Learn to touch key the entire keyboard with no key watching. Emphasis is on building skills through proper technique.

LAW 105-2 (BC=2)

(2-0) 15 weeks

Introduction to the Canadian Legal System

Instruction covers the Canadian processes and institutions involved in making laws, operations of the legal/judicial system, Constitutional law and the various players in the judicial system.

LAW 110-3 (BC=3)

(1.5-1.5) 15 weeks

Litigation I

This is an introductory course in civil litigation. The course covers the legal system, the structure of a law suit, the Rules of Court, commencing an action by Statement of Claim, Judgments if no defence, and settlement procedures.

LAW 111-3 (BC=3)

(1.5-1.5) 15 weeks

Real Estate I

Introduction to real estate practice with an overview of the land titles system, types of ownership, types of documentation including: Transfers of Land, Mortgages and Statements of Adjustment.

LAW 112-3 (BC=3)

(1.5-1.5) 15 weeks

Corporate Law

Alberta business structures and legal procedures to create these organizations are examined. A hands-on approach is utilized with students both creating and maintaining a corporate minute book in accordance with the Business Corporations Act, as well as reporting to the law office client and completing the annual requirements of the corporation.

LAW 115-3 (BC=3)

(3-0) 15 weeks

Contracts

Basic concepts of contract which can be used to prepare for an in-depth study of legal procedures.

Prerequisite: LAW 105 or consent of the Department.

LAW 120-3 (BC=3)

(1.5-1.5) 15 weeks

Litigation II

Civil litigation procedures for law suits which are contested. Students are introduced to Statements of Defence and Statements of Defence and Counterclaim, Examinations for Discovery, setting a matter down for trial, trial procedures and Torts.

Prerequisite: LAW 110

LAW 121-3 (BC=3)

(1.5-1.5) 15 weeks

Real Estate II

Practical application of the theory introduced in Real Estate I will be a focus of this course with the students completing documentation relative to the basic practice of real estate in the Province of Alberta.

Prerequisite: LAW 111

LAW 125-3 (BC=3)

(3-0) 15 weeks

Business Keyboarding

This course focuses on accuracy and speed-building. In addition it focuses on Dictaphone work as well as document production including business forms, legal documents and correspondence.

Prerequisite: LAW 102, OADM 110 or equivalent - (INFO 2030 - 60%; INFO 2040 - 50%.)

LAW 126-3* (BC=3)

(3-1.5) 15 weeks

Legal Information Processing I

This is a self-directed course covering an introduction to computers together with introductory and intermediate level word processing. This course will provide a foundation of computer literacy for the Legal Assistant field.

*The course is designed as a self-directed course but a mandatory seminary is required to provide students with support; please register in both the Lecture and Seminar sections of this course.

Prerequisites: None

Prior Learning recognition, based on a skills appraisal, is available for students with computer skills but application for PLAR must be completed by the Add/Drop date.

LAW 130-3 BC=3

(1.5-1.5) 15 weeks

Personal Injury

This course is designed to provide students with an understanding of a personal injury file. This will include learning how to gather information prior to drafting a claim, the drafting of a Statement of Claim and Statement of Defence for a personal injury claim and the assessment of the quantum of damages for such claims.

Prerequisite: LAW 110

LAW 202-3 (BC=3)

(1.5-1.5) 15 weeks

Workplace Success Strategies

This course introduces strategies which assist the student in developing skills necessary for employment in the legal environment. Topics include: Ethics and Professional Responsibilities for the Legal Assistant, the role of the Legal Assistant, Job search strategies and marketing skills acquired, using technologies in the law firm and management styles in law firms and legal departments. The course incorporates previously learned material and assignments from other Program courses in which the students are enrolled.

Prerequisites: LAW 230, 231, 233, 234, and 236.

LAW 230-3 (BC=3)

(1.5-1.5) 15 weeks

Litigation III

This course introduces the student to Provincial Court civil claims procedures. In addition students will learn garnishment and seizures procedures for collections of Judgments.

Prerequisite: LAW 120

LAW 231-3 (BC=3)

(1.5-1.5) 15 weeks

Real Estate III

This course introduces students to real estate file development focusing on residential real estate transactions from a Seller and Buyer perspective.

Prerequisite: LAW 121

LAW 232-3 (BC=3)

(1.5-1.5) 15 weeks

Real Estate IV

In this course students will be introduced to a variety of real estate transactions as well as database software currently used in industry relative to the practice of real estate.

Prerequisite: LAW 231

LAW 233-3 (BC=3)

(1.5-1.5) 15 weeks

Commercial Law

Students are introduced to the purchase and sale of a business including: Master Sales Agreements, sale of shares, sale of assets, the Alberta Personal Property Registry System and commercial financing.

Prerequisite: LAW 115

LAW 234-3 (BC=3)

(3-0) 15 weeks

Estate Planning

This is an introductory course in Wills. Students will produce a Will using the Wills Act. In addition, students will learn about personal representatives, administrators, trustees, guardians and beneficiaries as they relate to the preparation of a Last Will and Testament.

LAW 236-3 (BC=3)

(3-0) 15 weeks

Legal Information Processing II

This course is designed to prepare the student to work in a law office environment with advanced word processing concepts, communication and scheduling software and law office accounting software.

Prerequisite: LAW 126

LAW 240-3 (BC=3)

(1.5-1.5) 15 weeks

Litigation IV

This course covers select chambers applications. Students draft documentation required by using the Rules of Court and fact situations; problem-solving skills are a major focus.

Prerequisite: LAW 230

LAW 242-3 (BC=3)

(1.5-1.5) 15 weeks

Applied Problem Solving

A systematic method of problem solving is applied to a variety of legal problems. Students analyse facts and situations, determine procedures necessary, and draft appropriate documentation.

Prerequisite: LAW 130, 230, 233, 234, 244

LAW 244-3 (BC=3)

(1.5-1.5) 15 weeks

Estates Administration

Students use the Surrogate Court Rules and forms to prepare the necessary documentation for the passing of a deceased's property to heirs. Students prepare Applications for Letters of Probate and Administration.

Prerequisite: LAW 234

LAW 245-3 (BC=3)

(1.5-1.5) 15 weeks

Family and Domestic Law

Using the Rules of Court, Matrimonial Property Act, the Marriage Act and the Divorce Act and the Family Law Act, students learn and produce documentation for a Prenuptial Contract, Separation Agreement, uncontested Divorce and a contested Divorce. Issues regarding maintenance, support and custody are also examined.

LAW 246-3 (BC=3)

(3-0) 15 weeks

Criminal Procedure

Students are introduced to the principles and the administration of criminal law using the Criminal Code of Canada.

LAW 250-3 (BC=3)

(210 hours) 15 weeks

Work Experience

Students are required to complete field work, normally during May and June and normally after completion of all other course requirements. 210 hours -equal to six weeks of full-time employment is required. The Department will assist in finding placement. Prerequisite: GPA of 2.0 in all course requirements prior to registration in LAW 250 - Work Experience.

➤ **Mathematics**

Note: Not all courses listed may be offered. Check Course Timetable for availability.

MATH 050-5 (BC=5)

(5-0) 15 weeks

Preparatory Mathematics

See "Career and Academic Preparation Courses," page 191.

MATH 075-5 (BC=5)

(5-0) 15 weeks

Introductory Algebra

See "Career and Academic Preparation Courses," page 191.

MATH 085-5 (BC=5)

(5-0) 15 weeks

Intermediate Algebra

See "Career and Academic Preparation Courses," page 191.

MATH 096-5 (BC=5)

(4-2) 15 weeks

Precalculus: Algebra and Trigonometry

See "Career and Academic Preparation Courses," page 192.

MATH 097-4 (BC=4)

(3-2) 15 weeks

Elementary Calculus and Modern Mathematics

See "Career and Academic Preparation Courses," page 192.

MATH 202-3 (BC=4)

(3-2) 15 weeks

Elementary Calculus I

Review of analytical geometry, differentiation and integration of simple functions, and applications.

Prerequisite: Math 30 (Pure).

Note: You should take MATH 203 if you have at least 70% in Math 31

MATH 203-3 (BC=3)

(3-0) 15 weeks

Elementary Calculus

Review of analytical geometry, differentiation and integration of simple functions, and applications.

Prerequisite: Math 30 (Pure) and 31 or the equivalent.

Note: Not recommended if you have less than 70% in Math 31.

MATH 204-3 (BC=3)

(3-1) 15 weeks

Elementary Calculus II

Differentiation and integration of trigonometric, exponential, and logarithmic functions. Indeterminate forms and improper integrals. Techniques of integration. Applications.

Prerequisite: MATH 202 or 203 or equivalent.

Note: You cannot have credit in both MATH 204 and MATH 213.

MATH 212-3 (BC=4)

(3-2) 15 weeks

Calculus I

Review of functions and analytic geometry. Trigonometric, logarithmic, exponential and hyperbolic functions. Inverse functions. Limits and continuity. Derivatives and their interpretation. Methods of differentiation and applications. Integrals and areas:

numerical methods and the Fundamental Theorem of calculus. Basic integration methods.

Prerequisite: Math 30 (Pure) and 31

Note: Designed for Engineering students.

MATH 213-3 (BC=5)

(4-2) 15 weeks

Calculus II

Applications of integration to lengths, areas, volumes, and other physical quantities. Advanced integration methods. Differential equations. Parametric and polar coordinates and functions. Infinite series and Taylor expansions. Coordinates and surfaces in three dimensions.

Prerequisites: MATH 212.

Note: Designed for Engineering students.

MATH 221-3 (BC=3)

(3-0) 15 weeks

Linear Algebra I

Solving linear systems of equations. Matrix algebra. Determinants, vectors, lines and planes, vector spaces, and applications.

Prerequisite: Math 30 (Pure).

MATH 223-3 (BC=3)

(3-0-1) 15 weeks

Applied Linear Algebra

Vectors and matrices. Solution of linear equations. Equations of lines and planes. Vector spaces and bases. Determinants. Matrix algebra. Orthogonality and applications (least squares, Gram-Schmidt). Eigenvalues and eigenvectors and applications.

Prerequisite or Corequisite: Math 212

Note: Designed for Engineering Students

MATH 230-3 (BC=3)

(3-0) 15 weeks

Mathematics: Ideas and Applications

Introduction to logic and set theory. Introduction to mathematical systems, number systems, and related topics. Basic algebra and analytic geometry. Problem solving and word problems. Systems of equations and inequalities. Graphing.Max/min problems. Linear programming. Introduction to probability and statistics. Applications in social and life science.

Prerequisite: Math 30 or equivalent is recommended.

Note: This course is intended for Arts and

Humanities students. Not accepted as an option for science majors at the University of Calgary and the University of Lethbridge.

MATH 251-3 (BC=3)
(3-0) 15 weeks

Mathematics of Finance I

Simple and compound interest. Simple and general annuities certain. Variable annuities and perpetuities. Amortization schedules. Sinking funds. Applications.
Prerequisites: Math 30 (Pure).

MATH 260-3 (BC=3)
(3-0) 15 weeks

Higher Arithmetic

Critical thinking & problem solving. Tools for problem solving. Numeration systems, system of integers and elementary number theory, modulo mathematics. Rational numbers, ratio and proportion. Introduction to statistics.

Prerequisite: Math 30 or Math 30 (Pure) or consent of the Department

Note: This course is restricted to Elementary Education students.

MATH 302-3 (BC=4)
(4-0) 15 weeks

Intermediate Calculus I

Infinite series. Plane curves and polar coordinates. Vectors and three dimensional analytic geometry. Partial derivatives.

Prerequisite: MATH 204 or equivalent.

MATH 303-3 (BC=4)
(4-0) 15 weeks

Intermediate Calculus II

First order and second order linear differential equations with constant coefficients. Curves, tangent vectors, and arc length. Integration in two and three dimensions. Polar, cylindrical, and spherical coordinates. Line and surface integrals. Green's divergence and Stoke's theorems.

Prerequisite: MATH 302.

MATH 313-3 (BC=3)
(3-1S-0) 15 weeks

Differential Equation

First order linear and non-linear equations. Linear differential equations with constant coefficients. Laplace Transforms and application. Picard's method. Series solutions.

Prerequisite: MATH 204 or 213 or equivalent.

Co-requisite: MATH 302

Note: Open to Engineering, Agricultural Engineering, B.Sc. in Physics, Geophysics, Computer Science, Geography (Meteorology) and Mathematics students only.

MATH 328-3 (BC=3)
(3-0) 15 weeks

Introduction to Abstract Algebra

Properties of integers. Permutations. Groups. Lagrange's theorem. Factor groups. Polynomials. Rings. Fields.

Prerequisite: Math 30 and a previous university-level mathematics course.

➤ **Microbiology**

MICR 365-3 (BC=4)
(3-0-3) 15 weeks

General Microbiology II

Nutrient uptake, metabolism, extracellular proteins, chemotaxis, and differentiation. The eukaryotic microbes, their ecological roles, and eukaryotic cell culture. The interactions environment and symbiotic relationships. Basic principles of industrial microbiology. The use of biotechnology for producing economically and medically important substances. Laboratory exercises deal with topics related to the lecture material.

Prerequisite: BIOL 217 and CHEM 251

➤ **Motion Picture Arts**

MPA 301-3 (BC=3)
(3-0) 15 weeks

Motion Picture Fundamentals I

Development of knowledge of all aspects of live action motion picture production. Includes development of basic competence in production, direction and communication.

MPA 302-3 (BC=3)
(3-0) 15 weeks

Motion Picture Fundamentals II

Further development of knowledge in aspects of live action motion picture production.

MPA 303-3 (BC=3)
(3-0) 15 weeks

Motion Picture Business/Career Path

An examination of film financing, budgeting, scheduling and distribution. Included is entertainment law and the societal and political context of the Canadian film industry. Students will establish contacts with appropriate unions, agents and develop self-promotional strategies.

MPA 304-3 (BC=3)
(3-0) 15 weeks

Screenwriting Techniques

Provides a practical introduction to appropriate formats and techniques for screenwriting, and includes narrative forms and structure, character and story throughlines. Students will apply their knowledge and skills to short screenwriting projects.

MPA 305-3 (BC=3)
(3-0) 15 weeks

Motion Picture Directing

Director's responsibilities, strategies, and skills including technical aspects of production and analysis of scripts. Knowledge and skills will be used to direct performers and crew in scene work.

MPA 311-3 (BC=3)
(3-0) 15 weeks

Motion Picture Technology

Knowledge and maintenance and operational skills in production and post-production technologies such as analog and digital imaging systems, film/video transfer systems, compositing, etc. Explore emerging production technologies such as motion control.

Prerequisite: MPA 315

MPA 312-3 (BC=3)
(3-0) 15 weeks

Audition Techniques

Emphasis is on the knowledge, strategies, and skills needed for professional auditions. Students will develop a professional resume, photograph, and industry standard reels/tapes/DVD.

Prerequisite: MPA 317

MPA 315-4 (BC=4)

(3-3) 15 weeks

Motion Picture Production I

Skill development in cinematography, camera operation, lighting, editing, sound, and production management. Flexibility and learning skills needed to acquire specialized expertise is emphasized.

MPA 316-4 (BC=4)

(3-3) 15 weeks

Motion Picture Production II

Further development in cinematography, camera operation, lighting, editing, sound and production management.

Prerequisite: MPA 315

MPA 317-4 (BC=4)

(3-3) 15 weeks

Motion Picture Acting I

Knowledge of terminology, set etiquette, set directions and the roles and functions of other film personnel. Opportunities to practice performance on camera using effective vocal and physical character traits. Emphasis is on developing a confident poise for on camera and audio recording.

MPA 318-4 (BC=4)

(3-3) 15 weeks

Motion Picture Acting II

Emphasis is on advancing knowledge and skills developed in Film Acting I in order to believably perform scenes of emotional intensity. Performance skills for various motion picture media and specific genre requirements will be developed.

Prerequisite: MPA 317

MPA 320-4 (BC=4)

(0-12) 15 weeks

Motion Picture Projects I

Application of knowledge and skills to initiate, develop and produce media projects from concept to completion. Team skills, integrity, self-confidence, initiative, and professionalism are integral to success.

MPA 321-4 (BC=4)

(0-12) 15 weeks

Motion Picture Projects II

Further application of knowledge and skills to develop media projects from concept to completion. Team skills, integrity, self-confidence, initiative and professionalism are integral to success.

Prerequisite: MPA 320

MPA 403-15 (BC=10)

(0-35) 15 weeks

Applied Motion Picture Practicum I

The first term of a two-term mentored practicum. This involves: 1) The production of a substantial motion picture project (including concept, production, postproduction, marketing and promotion) with access to College equipment and facilities; and/or 2) work experience in the motion picture industry, with a combination of paid work, auditions, workshops, etc. accumulated under the guidance of MPA staff. Prerequisite: Completion of 3rd year of the MPA program.

MPA 404-15 (BC=10)

(0-35) 15 weeks

Applied Motion Picture Practicum II

The second term of a two-term mentored practicum. This involves: 1) The production of a substantial motion picture project (including concept, production, postproduction, marketing and promotion) with access to College equipment and facilities; and/or 2) work experience in the motion picture industry, with a combination of paid work, auditions, workshops, etc. accumulated under the guidance of MPA staff. Prerequisite: MPA 403

Please refer to Degree Completion Program Section for Year 4 of the Bachelor of Applied Motion Picture Arts Degree.

➤ **Music**

Note: Not all courses listed are offered every semester or every year. Check Course Timetable for availability.

Performance Ensembles (2 cr/ semester) (BC=2)

(0-3) 15 weeks

The study and performance of standard and current literature appropriate to the specific vocal or instrumental ensemble. Membership is limited and is by audition. Scheduled public performances are generally a part of each ensemble experience. All ensembles are offered on a corequisite basis only, eg. students must be registered in the same ensemble sequence for both Fall and Winter semesters (eg. 201 Fall/202 Winter), unless special permission is granted by the Department. The first semester is

normally prerequisite to the second.

Note: All ensembles are open (by audition) to students from all departments in the college.

Note: *Check the Alberta Transfer Guide for specific transfer information for MUSE courses marked with an asterisk*.

**MUSE 201, 202, 301, 302
Symphonic Winds* I, II, III, IV**

A concert band that rehearses and performs wind literature representing traditional and contemporary styles, with priority given to important European and North American stylistic periods. Emphasis is placed on learning musicianship through the stylistic diversity of selected repertoire. The choice of repertoire will also consider the literature available to future educators in the secondary school setting.

**MUSE 203, 204, 303, 304
Concert Choir* I, II, III, IV**

A wide range of quality traditional and contemporary choral music is performed in a mixed choir of approximately 40 members. The integration of personal musical development with the principles of group work and the development of blend are important aspects of the course.

**MUSE 205, 206, 305, 306
Jazz Ensemble* I, II, III, IV**

A jazz band that rehearses and performs music characteristic of the big band era as well as literature of the modern day jazz ensemble. Students will explore the various styles within this genre and develop improvisational skills required for this idiom.

**MUSE 207, 208, 307, 308
Jazz Choir* I, II, III, IV**

This vocal ensemble will help you learn how to perform Jazz, Swing and Popular music in the style appropriate to each.

**MUSE 209, 210, 309, 310
Orchestra* I, II, III, IV**

Selected woodwind, brass, string, and percussion students who are playing at advanced levels may arrange an audition with the conductor of the Red Deer Symphony Orchestra. This is a professional orchestra which draws players from across the province.

MUSE 211, 212, 311, 312
Jazz Combo* I, II, III, IV

Students work together in small groups to create arrangements of both old and new jazz tunes. Weekly coaching sessions introduce various ideas and exercises to enhance both improvisational ability and an understanding of jazz as a specific style.

MUSE 213, 214, 313, 314
Contemporary Styles I, II, III, IV

Bands are formed within the class and are used as structured lab settings to explore the fundamental elements of important styles such as rock and roll, country, Latin, and alternative.

MUSE 215, 216, 315, 316
Chamber Winds I, II, III, IV

Small group study of literature for wind ensembles. Depending upon the instrumentation, repertoire may incorporate combinations of brass and woodwinds ranging from duo to octet. Performance opportunities for various ensembles are available in the acoustic noon recitals and other performances both on and off campus.

MUSE 217, 218, 317, 318
Chamber Choir I, II, III, IV

This ensemble is geared towards the experienced singer and will explore advanced choral literature in both traditional and contemporary genres. Enrolment is limited to approximately 16-24 members. Specific goals include gaining experience performing choral music in front of a live audience, building a varied repertoire of music, and learning the principles of group work and integrating these principles with individual skills.

MUSE 219, 220, 319, 320
Chamber Ensemble* I, II, III, IV

The focus is on the rehearsal and performance of acoustic, classical music for small groups of two to four players or singers. The makeup of the ensemble or ensembles will vary depending on the interests and skills of those enrolled.

MUSI 194-3 (BC=3)
(3-0) 15 weeks

Introductory Music Theory I

For students with little or no formal music theory background who have interest in understanding the rudiments of music

notation or who are preparing to enter the Music Diploma program. Designed to give students a basic working knowledge of music reading through the study of pitch and rhythm notation, scales, key and time signatures, intervals, and relevant terminology.

MUSI 195-2 (BC=2)
(2-0) 15 weeks

Introductory Aural Skills I

For students with little or no formal aural skills training who have interest in improving their musicianship or who are preparing to enter the Music Diploma program. Emphasis will be placed on the identification by ear and sight of melodies, rhythms and harmonies. Music dictation and elementary sight-singing will be an integral aspect of the course.

MUSI 196-3 (BC=3)
(3-0) 15 weeks

Introductory Music Theory II

Skills and knowledge gained in MUSI 194 will form the basis for more extensive work in music reading, chord building, and cadence construction.

Prerequisite: MUSI 194 or consent of Department Chair.

MUSI 197-2 (BC=2)
(2-0) 15 weeks

Introductory Aural Skills II

Skills and knowledge gained in MUSI 195 will form the basis for more extensive work in melodic and harmonic dictation, interval recognition and sight-singing.

Prerequisite: MUSI 195 or consent of Department Chair.

MUSI 203-3 (BC=3)
(3-0) 15 weeks

Computer Music Technology

Practical techniques, theory and applications for computer-based multitrack MIDI sequencing and multitrack digital audio, synthesizers, samplers, sound design, special effects processing, and computer music notation and printing. Survey of applications for live music and theatre performances, as well as music, video and film studios.

Note: This course is for music students as well as musicians who are not in the music diploma program. Department consent is required.

MUSI 210-6 (BC=6)
(3-1) 30 weeks

Fundamentals of Music and Method in Education for Non-Music Majors

A dynamic and practical introduction to music teaching techniques and fundamentals for the student interested in teaching elementary or middle-school aged children. Taught as a survey course and includes introductory keyboard, guitar and various other instruments. Former experience in music is not required.

MUSI 213-3 (BC=3)
(3-1) 15 weeks

Fundamentals of Music and Method in Education I

A dynamic and practical introduction to music teaching techniques and fundamentals for the student interested in teaching elementary or middle-school aged children. Topics include music theory, music appreciation and singing as well as an introduction to the keyboard and recorder. Correlates with the Alberta Learning Curriculum. Former experience in music is not required.

Co-requisite: MUSI 213 lab

MUSI 214 (BC=3)
(3-1) 15 weeks

Fundamentals of Music and Method in Education II

A continuation of MUSI 213 with an added emphasis on lesson planning and music teaching philosophy and techniques including Orff and Kodaly methods. Includes an introduction to the guitar and other classroom instruments.

Co-requisite: MUSI 214 lab

Prerequisite: MUSI 213

MUSI 233-3 (BC=3)
(3-0) 15 weeks

Introduction to Music History

A survey of Western Music from Antiquity through the 20th Century. Through lecture, listening, and basic score examination, students will explore the traditions and practices that have culminated in both the art music and popular music idioms which exist today.

MUSI 234-3 (BC=3)
(3-0) 15 weeks

Masterworks of Music

Elements that shape and enrich the musical art: basic musical concepts, instruments, forms and styles, genres, and historical implications.

Prerequisite: MUSI 233.

MUSI 241-2 (BC=2)
(2-0) 15 weeks

Basic Piano I

Piano technique, scales, and keyboard harmony. Emphasis is on developing a repertoire of easy to moderate piano pieces to enhance the keyboard as a useable musical tool.

Prerequisite: Ability to read music and a basic skill in voice or an instrument other than the piano.

MUSI 242-2 (BC=2)
(2-0) 15 weeks

Basic Piano II

Skills acquired in MUSI 241 will be refined and expanded. Particular emphasis will be placed on keyboard fluency, fingering, and music reading.

Prerequisite: MUSI 241 or consent of the Department Chair.

MUSI 257-3 (BC=3)
(3-0) 15 weeks

Comprehensive Music Theory I

Music rudiments review (scales, intervals, chords, rhythms), non-harmonic tones, cadences, introduction to harmonic progression and voice-leading principles, and melodic construction.

Prerequisite: Successful completion of the Theory Placement Exam or equivalent.

MUSI 258-3 (BC=3)
(3-0) 15 weeks

Comprehensive Music Theory II

Harmonic analysis, harmonic progression, and four-part writing techniques for diatonic chords, seventh chords, secondary dominant chords, leading-tone chords, and modulation; binary and ternary musical forms.

Prerequisite: MUSI 257

MUSI 259-3 (BC=3)
(3-0) 15 weeks

Comprehensive Aural and Keyboard Skills I

The aural study of music theory concepts covered in MUSI 257 using sight-singing, dictation, and keyboard harmony.

Prerequisite: Successful completion of the Theory Placement Exam or equivalent.

Prerequisite or Co-requisite: MUSI 257

MUSI 260-3 (BC=3)
(3-0) 15 weeks

Comprehensive Aural and Keyboard Skills II

The aural study of music theory concepts covered in MUSI 258 using sight-singing, dictation, and keyboard harmony.

Prerequisite: MUSI 257 and 259

Prerequisite or Co-requisite: MUSI 258

MUSI 280-3 (BC=3)
(3-1) 15 weeks

Recording Studio Technology I

An introduction to the recording studio and to basic recording engineering on a digital audio workstation. Mixing theory, equipment theory and operation, and actual performance toward a finished recording.

Prerequisite: Enrolment in Music Diploma or consent of the Department.

MUSI 282-3 (BC=3)
(3-0) 15 weeks

Recording Studio Technology II

MUSI 280 continued. The study of advanced micing and recording techniques, computer audio editing and refinement of skills towards additional projects.

Prerequisite: MUSI 280.

MUSI 301-3 (BC=3)
(3-0) 15 weeks

History of Classical and Romantic Music

A performance-lecture survey of the styles, composers, and performers of the Classical and Romantic periods of music history.

Prerequisite: MUSI 233 or 202

Note: Skill in music reading is an asset.

MUSI 302-3 (BC=3)
(3-0) 15 weeks

History of Post-Romantic and 20th Century Music

A performance-lecture survey of the styles, composers, and performers of the post-Romantic and 20th century periods of music history.

Prerequisite: MUSI 233 or 301

Note: Skill in music reading is an asset.

MUSI 303-3 (BC=3)
(3-0) 15 weeks

History of Popular Music

A survey of the history and evolution of popular music. Topics will include the history of jazz, the roots of rock and roll, the British Invasion, Latin influences, techno, pop music, and urban trends.

Prerequisite: MUSI 233 or 302

MUSI 304-3 (BC=3)
(3-0) 15 weeks

History of Medieval, Renaissance and Baroque Music

A performance-lecture survey of the styles, composers, and performers of the Medieval, Renaissance and Baroque periods of music history.

Prerequisite: MUSI 233

Note: Skill in music reading is an asset.

MUSI 321-5 (BC=5)
(4-3) 15 weeks

Music Business: Career and Products

A study of the business of music as it pertains to music products and the retail industry, with emphasis on product areas, marketing and sales. Throughout the practicum portion, the students will participate in "hands-on" approaches to a variety of marketing and production situations. Students will be expected to complete a minimum of 45 practicum hours (20 hours must be in the area of retail music in order to attend the NAMM Show in January).

Prerequisite: 2nd year Music Diploma student or consent of the Department.

MUSI 322-5 (BC=5)
(4-3) 15 weeks

Music Business: Performance

A study of the business of music as it pertains to the performing musician, with emphasis on booking, touring, and the recording industry. Throughout the practicum portion,

the students will participate in “hands-on” approaches to a variety of marketing and production situations. Students will be expected to complete a minimum of 45 practicum hours (20 hours must be in the area of performance, booking, and/or tours. Prerequisite: Music Diploma student or consent of the Music Department.

MUSI 346-3 (BC=3)
(3-0) 15 weeks

Comprehensive Music Theory III

Review of harmonic progression and voice-leading principles employed in the 17th and 18th centuries; harmonic analysis, harmonic progression, and four-part writing techniques for 19th-century music including borrowed chords, Neapolitan 6th chords, augmented 6th chords, and modulation techniques; analysis of major musical forms (sonata, rondo, and theme and variations). Prerequisite: MUSI 250 or MUSI 258

MUSI 347-3 (BC=3)
(3-0) 15 weeks

Comprehensive Music Theory IV

Analysis and part writing techniques incorporating extended and chromatic harmonies from the 19th and 20th centuries (9th, 11th, and 13th chords, altered dominants, chromatic mediant, coloristic chords, quartal chords, polychords), and serialism.

Prerequisite: MUSI 346

MUSI 348-3 (BC=3)
(3-0) 15 weeks

Comprehensive Aural and Keyboard Skills III

The aural study of music theory concepts covered in MUSI 346 using sight-singing, dictation, and keyboard harmony.

Prerequisite: MUSI 250 & 251; or MUSI 258 & 260

Prerequisite or Co-requisite: MUSI 346

MUSI 349-3 (BC=3)
(3-0) 15 weeks

Comprehensive Aural and Keyboard Skills IV

The aural study of music theory concepts covered in MUSI 347 using sight-singing, dictation, and keyboard harmony.

Prerequisite: MUSI 346 and 348

Prerequisite or Co-requisite: MUSI 347

MUSI 357-3 (BC=3)
(3-0) 15 weeks

Contemporary Theory III

MUSI 257/258 continued. Third term theory. This course is practical in content, scope, and approach. It is meant to assist the ‘working’ musician in applying fundamentals.

Prerequisite: MUSI 250 or 258.

MUSI 358-3 (BC=3)
(3-0) 15 weeks

Contemporary Theory IV

MUSI 357 continued (fourth term theory).

Prerequisite: MUSI 357.

MUSI 359-3 (BC=3)
(0-3) 15 weeks

Contemporary Aural Skills III

Third term aural study of materials in MUSI 357.

Prerequisite: MUSI 250 and 251; or MUSI 258 and 260

Prerequisite or Co-requisite: MUSI 357

MUSI 360-3 (BC=3)
(0-3) 15 weeks

Contemporary Aural Skills IV

Fourth term aural study of materials in MUSI 358.

Prerequisite: MUSI 357 and 359

Prerequisite or Co-requisite: MUSI 358

MUSI 361-3 (BC=3)
(3-0) 15 weeks

Composition I

Development of basic composition skills. Principles of orchestra, band, choral, and popular instrument writing. Concepts and practices of MIDI workstation and computer assisted composition.

Prerequisite: B or better in MUSI 250 and 251; or MUSI 258 and 260

MUSI 362-3 (BC=3)
(3-0) 15 weeks

Composition II

Second term study of the MUSI 361 course. Emphasis is on extended compositions and workstation/computer use.

Prerequisite: MUSI 361.

MUSI 397-4 (BC=4)
(1-2) 30 weeks

Performance Practicum

Offered over the fall and winter terms. Activities depend on your area of study.

Prerequisite: Minimum of 29 first-year credits completed.

Co-requisite: MUSP 360/460.

MUSI 398-4 (BC=4)
(1-2) 30 weeks

Theory Practicum

Offered over the fall and winter terms. Activities depend on your area of study.

Prerequisite: Minimum of 29 first-year credits completed.

Co-requisite: MUSI 361/362

MUSI 400-3 (BC=3)
(120 hours) Includes 10 hours lecture
Merchandising Practicum II

The student will be required to intern in a particular area of the Music Industry as it pertains to their individual career focus. Examples of placements may include such things as touring, sales, or private studio teaching. Possible options must be approved by the Merchandising instructor well in advance of the proposed placement.

Prerequisite: MUSI 322 or consent of the Department.

Note: This course will be evaluated using a credit/no-credit grading system.

MUSI 401-2 (BC=2)
(2-0) 15 weeks

Graduation Recital

A public recital/concert of at least thirty minutes in length. The program should consist of material studied during the student’s time as a Music Diploma student. A combination of solo and ensemble material is acceptable as appropriate to the student’s major instrument of study and upon approval of the student’s instructor.

Co-requisite: MUSP 460

MUSP 145-3 (BC=3)
(1-0) 15 weeks

Principal Instrument Study I

Fifty-five minute weekly private lessons in a principal musical instrument or voice. Emphasis is on technique, style, musicianship, and interpretation, and on developing repertoire and performance experience.

Prerequisite: Open to Music Diploma students by successful performance audition.

MUSP 245-3 (BC=3)
(1-0) 15 weeks
Principal Instrument Study II
 MUSP 145 continued.
 Prerequisite: MUSP 145

MUSP 360-3 (BC=3)
(1-0) 15 weeks
Principal Instrument Study III
 MUSP 245 continued.
 Prerequisite: MUSP 245

MUSP 460-3 (BC=3)
(1-0) 15 weeks
Principal Instrument Study IV
 MUSP 360 continued.
 Prerequisite: MUSP 360

MUSS 145-2 (BC=2)
(1-0) 15 weeks
Secondary Instrument Study
 Forty-five minute weekly private lessons in instrument or voice. Emphasis is on technique and musicianship. May be repeated for credit.
Note: MUSS private lessons are open (by audition) to students from all departments in the college.

► **Nursing**

(Open to Nursing students only.)

***NURS 215-3 (BC=3)**
(3-0) 15 weeks
Anatomy
 A survey of the structure of the human body.

***NURS 270-3 (BC=3)**
Integrated Psychology I
 Introductory psychology concepts integrated into nursing through context based learning.

***NURS 271-3 (BC=3)**
Integrated Psychology II
 Continuation of the study of psychology concepts integrated into nursing through context based learning.
 Prerequisite: NURS 270

***NURS 272-3 (BC=3)**
Integrated Sociology I
 Introductory sociology concepts integrated into nursing through context based learning.

***NURS 273-3 (BC=3)**
(3-0) 15 weeks
Integrated Medical Microbiology
 Relevant medical microbiology concepts integrated into nursing through context based learning.

***NURS 274-6 (BC=6)**
Integrated Physiology
 Physiology of humans integrated into nursing through context based learning.

NURS 280-5 (BC=5)
(6-4S-3) 7 weeks
Nursing in Context A
 Introduction to the professional discipline of nursing, communication theory, and context based learning. The primary health care emphasis is on health promotion and disease prevention across the life span. Restoration and rehabilitation will be introduced. Health assessment and basic nursing skills will be introduced.

NURS 281-5 (BC=5)
(3-0-15) 7 weeks
Nursing Practice I
 Beginning nursing practice with a focus on health promotion and interaction with clients across the life span in a variety of non-traditional settings.
 Prerequisite: NURS 280

NURS 284-5 (BC=5)
(6-4S-3) 7 weeks
Nursing in Context A1
 A continuation of the study of concepts introduced in NURS 280 with a focus on teaching and learning principles and increased health assessment and basic nursing skills.
 Prerequisites: NURS 280, 281

NURS 285-6 (BC=6)
(3-0-24) 7 weeks
Nursing Practice II
 Nursing practice includes health status assessment of clients and appropriate health promotion and disease prevention interventions. Practice occurs in settings where clients live or in community agencies (non-acute) where services to clients are offered.
 Prerequisites: NURS 280, 281

NURS 380-5 (BC=5)
(6-4S-3) 7 weeks
Nursing in Context B
 Within the context of primary health care, the focus shifts to restoration, rehabilitation and support of clients experiencing chronic and less acute variances in health. Discussion related to health promotion and disease prevention continues. Intermediate health assessment and nursing skills will be introduced.
 Prerequisites: NURS 284, 285

NURS 381-7 (BC=7)
(3-0-28) 7 weeks
Nursing Practice III
 Nursing practice will focus on restoration, rehabilitation and support (including health promotion and disease prevention) of clients with chronic and less acute variances in health across the life span. Practice will occur primarily in primary level acute care centres and continuing care agencies.
 Prerequisites: NURS 284, 285

NURS 384-5 (BC=5)
(6-0-3) 7 weeks
Nursing in Context B1
 Continuation of NURS 380 with increasing situational complexity.
 Prerequisites: NURS 380 and 381 or 385.

NURS 385-7 (BC=7)
(3-0-28) 7 weeks
Nursing Practice IV
 Nursing practice will focus on restoration, rehabilitation and support (including health promotion and disease prevention) of clients with chronic and less acute variances in health across the life span. Practice will occur in homes or in community-based settings.
 Prerequisites: NURS 284, 285

NURS 390-5 (BC=5)
(6-4S-3) 7 weeks
Nursing in Context C
 Within the context of primary health care focus is on restoration, rehabilitation and support of clients experiencing more acute variances in health. Discussion related to health promotion and disease prevention continues. Advanced health assessment and nursing skills will be introduced.
 Prerequisites: NURS 215, 274, 381, 384, 385

NURS 391-7 (BC=7)

(3-0-28) 7 weeks

Nursing Practice V

Nursing practice will focus on restoration, rehabilitation and support (including health promotion and disease prevention) of clients experiencing more acute variances in health across the life span. Practice will occur in primary, secondary and tertiary level acute care settings.

Prerequisites: NURS 215, 274, 381, 384, 385

NURS 394-5 (BC=5)

(6-4S-3) 7 weeks

Nursing in Context C1

Continuation of NURS 390 with increasing situational complexity. Credit is given for Health Assessment upon successful completion of the term.

Prerequisites: NURS 390 (391 or 395)

NURS 395-7 (BC=7)

(3-0-28) 7 weeks

Nursing Practice VI

Nursing practice will focus on restoration, rehabilitation and support (including health promotion and disease prevention) of clients across the lifespan experiencing more acute variances in health. Practice will occur in homes or in community-based settings.

Prerequisites: NURS 215, 274, 381, 384, 385

***NURS 396-6 (BC=6)**

Nursing Research and Statistics

Introduction to the process of research through a comparative analysis of selected studies exemplifying different theoretical, methodological, and analytical approaches. Emphasis will be on the communicability of research, the needs of the research consumer, and the development of skills of critical appraisal. Also included are introduction to descriptive and inferential statistics and the application of statistical methods to nursing problems.

4th Year University of Alberta Degree Completion Nursing Courses (from the University of Alberta Calendar)

Note: Students are required to complete all 3rd year courses in order to proceed to the 4th year of the program.

NURS 490-5

(6-6S-3) 7 weeks

Nursing in Context D

A comprehensive approach to primary health care components in the care of clients in complex, ambiguous situations. Case management and multidisciplinary leadership skills are emphasized. Students may have the opportunity to lead a multidisciplinary student group.

Prerequisites: NURS 391, 394, 395, 396

NURS 491-7

(3-2-26) 7 weeks

Nursing Practice VII

Management and care of clients in ambiguous, complex situations occurring over a variety of settings.

Prerequisites: NURS 391, 394, 395, 396
Prerequisites or Corequisite: NURS 490

NURS 494-3

(6-0-3) 4 weeks

Nursing in Context D1

Synthesis and focus of nursing knowledge and application of nursing research in a specified area of practice. To be permitted to enroll in this course, students must have passed all courses of their nursing program, except the co-requisite NURS 495.

NURS 495-9

(1-0-34) 10 weeks

Nursing Practice VIII

Comprehensive and consolidated approach to professional practice of nursing in an area of special interest to the student.

Co-requisite: NURS 494

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NURS 301-3

(3-0-0) 7 weeks

Nursing Research

Introduction to the process of research through a comparative analysis of selected studies exemplifying different theoretical, methodological, and analytical approaches. Emphasis is on the communicability of research, the needs of the research consumer, and the development of skills of critical appraisal.

Prerequisite: Statistics elective

NURS 409-3

(0-3s-0) 15 weeks

Leadership and Issues in Nursing

Using the primary health care framework, a variety of current professional, social, political and global issues affecting the nursing profession and the Canadian health care system will be addressed. Key principles of leadership and management will also be addressed within the context of these issues.

NURS 415-5

(3-0-1) 15 weeks

Community Nursing for Post-RN Students

Focus is on concepts related to family and community health. Community nursing management and interventions consistent with the principles of primary health care will be examined.

Note: Formerly NURS 315. Not open to students with credit in NURS 315.

NURS 461-7

(0-1s-34c) 10 weeks

Nursing Practice VII, Internship Route

During a Spring/Summer placement of 10 weeks in a sponsoring agency, the student will manage and care for clients in ambiguous, complex situation.

Prerequisites: NURS 390, 391, 394, 395, and 396 or 301. Consent of the Faculty is also required.

NURS 468-4

(3-0-1) 15 weeks

Health Assessment

Focus is on the health assessment of the well adult, with normal aging modifications. The course provides a beginning foundation of assessment skills and technologies necessary for determining client health status within the context of a nursing framework. Factors influencing lifestyles and personal health practices are included. For Post RN students only.

Note: Formerly NURS 368. Not open to students with credit in NURS 368.

NURS470-5

(0-3s-1.5) 15 weeks

Nursing in Complex Situations

Nursing of aggregates and communities within the context of primary health care and international/intercultural care is discussed. Concepts of case management, interprofessional teamwork and the role of the nurse manager are also addressed. Course is for Post RN program students only.

NURS475-7

(0-1.5s-15c) 7 weeks

Community Practice for Post-RN Students

Nursing practice focuses on health promotion and disease prevention of clients across the life-span. Practice occurs in homes or community-based settings.

Prerequisite or Co-requisite: NURS 415

Note: Formerly NURS 385 (RDC NURS 386).

Not open to students with credit in NURS 385.

NURS492-7

(0-1.5s-15c) 7 weeks

Nursing Practice VII for Post RN Students

Comprehensive approach to professional practice of nursing in an area of special interest to the student.

Prerequisite or Co-requisite: NURS 415

Note: Course is for Post-RN students only.

➤ **Office Administration**

OADM 100-3 (BC=3)

(3-0) 15 weeks

Information Processing

This is a hands on introduction to computer concepts, systems, and terminology using Microsoft Windows and Word. Course work covers electronic file management and basic Word skills.

OADM 101-3 (BC=3)

(3-0) 15 weeks

Spreadsheet Fundamentals

This course will provide students with hands-on training in the basic/intermediate operations of Microsoft Excel. Topics covered include creating and formatting worksheets and charts, writing formulas, performing what-if analysis, and using financial functions.

OADM 102-3 (BC=3)

(3-0) 15 weeks

Computer Essentials

Students will learn beginning database operations, the basic components of a computer system, how to troubleshoot hardware and software problems, and how to use a variety of Internet and distance delivery tools.

OADM 110-3 (BC=3)

(3-0) 15 weeks

Document Processing I

For those with little or no previous keyboarding skills. Learn to touch key the alphabetic keyboard. Emphasis is on building skills through proper technique.

OADM 111-3 (BC=3)

(3-0) 15 weeks

Document Processing II

OADM 110 continued. Emphasis on building speed and accuracy and on the production of mailable business correspondence. A variety of advanced Word features are explored including mail merge, sorting and selecting, fill-in forms, tables, and columns to produce visually appealing and professional-looking documents.

Prerequisite: OADM 100, 110

OADM 126-6 (BC=6)

(6-0) 15 weeks

Basic Accounting

Learn the fundamentals of accounting through hands-on experience. Apply accounting principles in manual and automated environments.

OADM 130-3 (BC=3)

(3-0) 15 weeks

Office Systems I

Current office procedures techniques in managing records and practicing mail procedures. Develop speed and accuracy on an electronic calculator while learning basic business math.

OADM 131-3 (BC=3)

(3-0) 15 weeks

Office Systems II

Explore the systems, procedures and technology of the contemporary office. Complete an office simulation package.

Prerequisite: OADM 130

OADM 135-3 (BC=3)

(3-0) 15 weeks

Introduction to Industry Sectors

Assist the students in determining an industry sector for practicum and workforce employment. Increase the students' awareness and understanding of the industries within Alberta. Create an effective resume, cover letter, and portfolio. Develop interview skills.

OADM 160-3 (BC=3)

(3-0) 15 weeks

Personal Leadership

Individual effectiveness. Topics include: attitude, perception, goal setting, organization, stress and time management, creative thinking, adaptability, self-concept and interpersonal communication. Complete a class project.

OADM 170-3 (BC=3)

(120 hours) 6 weeks

Practicum

Employment experience in an office setting. During the practicum, students will apply technical and administrative skills while assisting office staff. Grading will be credit/non-credit.

Prerequisite: Meet conditions stated in the Office Experience Agreement, which include a minimum GPA of 2.00 with no grade lower than D in the Office Technology Certificate fall and winter term courses.

OADM 200-3 (BC=3)

(3-0) 15 weeks

Desktop Publishing - Online Delivery

With an emphasis on desktop publishing, this course will build on word processing techniques and will explore the advanced features and applications of a current word processing program, a presentation program and a desktop publishing program.

Prerequisite: OADM 100 and OADM 111 or VA 100 or equivalent.

OADM 201-3 (BC=3)

(3-0) 15 weeks

Electronic Spreadsheets - Online Delivery

Advanced spreadsheet applications and how they apply to business operations. Spreadsheet documents, macros, graphics, what-if analysis.

Prerequisite: OADM 101 or VA 120

OADM 220-3 (BC=3)

(3-0) 15 weeks
Automated Accounting - Online Delivery

Emphasis is on automated accounting procedures and systems. Data entry, generating and analyzing reports and accounting simulations using integrated accounting software.

Prerequisites: OADM 123 or OADM 126 or VA 120 or equivalent.

➤ **Pharmacy Technician**

(Open to Pharmacy Technician students only.)

PHAR 110-3 (BC=3)

(3-1) 15 weeks
Pharmacy Practice I

Includes medical terminology, the prescription process, dispensing function, pharmacy references, dosage forms, precaution labels, introduction to pharmacy

PHAR 111-3 (BC=3)

(3-1) 15 weeks
Pharmacy Practice II

Course deals with over-the-counter medications available in Canada.

Prerequisite: PHAR 110

PHAR 120-2 (BC=2)

(0-5) 15 weeks
Dispensing I

All aspects of dispensing. Filling prescriptions and completing all required pricing, record-keeping and computer functions.

PHAR 121-2 (BC=2)

(0-5) 15 weeks
Dispensing II

All aspects of dispensing continued. Principles of compounding and how they are applied in preparing a variety of pharmaceuticals.

Prerequisite: PHAR 110, 120, 130, 140, 161, 180

PHAR 130-3 (BC=3)

(3-0) 15 weeks
Pharmacy Laws and Agreements

The relationship between pharmacists and pharmacy technicians. The responsibilities and authority of each position. Related Acts

and the records required for acquiring and using pharmaceuticals. Contracts for payment by third party paying agencies. Payment forms.

PHAR 140-3 (BC=3)

(3-0) 15 weeks
Pharmaceutical Calculations

Mastering accurate calculations in: dispensing, pricing, systems of measure, compounding mixtures and dilutions, and preparing parenteral products, as they apply in pharmacy.

PHAR 151-3 (BC=3)

(3-0) 15 weeks
Hospital Pharmacy

Practice of pharmacy in an institutional setting. Guidelines for hospital pharmacies. The principles of preparing pharmaceuticals and antineoplastic drugs under aseptic conditions.

Prerequisite: PHAR 110, 120, 140, 180

PHAR 155-1 (BC=1)

(0-3) 15 weeks
Aseptic Technique

Group and individual instruction in preparing sterile products under aseptic conditions. Preparing antineoplastic drugs.

Prerequisite: PHAR 110, 120, 140, 180

Prerequisite or Co-requisite: PHAR 151

PHAR 161-1 (BC=1)

(0-3) 15 weeks
Computer Skills

Knowledge of and skill on pharmacy software.

PHAR 171-3 (BC=3)

(3-0) 15 weeks
Community Pharmacy

Basics of merchandising and operating community retail pharmacies. Pharmacy location and layout. Merchandising. Purchasing and inventory management. Pricing. Advertising and promotion.

PHAR 180-3 (BC=3)

(3-1) 15 weeks
Pharmacology I

The major drug classes used in health care. Related anatomy, physiology, and medical conditions. Pharmacology, terminology, and medications. Becoming familiar with the generic, trade and manufacturers' names of 400 common medications. Content includes: antimicrobial drugs, autonomic meds, CNS meds, respiratory meds, gastrointestinal meds.

PHAR 181-3 (BC=3)

(3-1) 15 weeks
Pharmacology II

The major drug classes used in health care. Related anatomy, physiology, and medical conditions. Pharmacology, terminology, and medications. Becoming familiar with the generic, trade and manufacturers' names of 400 common medications. Content includes: musculo-skeletal meds, cardiovascular meds, endocrine meds, dermatological meds, eye and ear meds.

Note: PHAR 180 does not have to precede PHAR 181

PHAR 191-3 (BC=3)

Retail Pharmacy Practicum - Community Pharmacy (140-160 hrs, 4 week block)

Practical experience in a community pharmacy. Placements will be in locations across the province, or outside the province, so there may be extra expenses.

Prerequisite: Passing grades in all Pharmacy courses.

Note:

- 1) This course will be graded as CR/NCR (Credit/No Credit)
- 2) Due to the rapidly changing nature of pharmacy and health care, students must complete both practicum courses (PHAR 191 and PHAR 192) within one academic year of finishing their other course work. Students not able to meet this timeline will have to repeat the lab courses: PHAR 120, 121, 155 and 161.
- 3) Please note that most practicums require a block set of full-time hours not part-time.

PHAR 192-3 (BC=3)

Hospital Pharmacy Practicum (Hospital Pharmacy (140-160 hours, 4 week block)

Practical experience in a hospital pharmacy. Placements will be in locations across the province, or outside the province, so there may be extra expenses.

Prerequisite: Passing grades in all Pharmacy courses.

Note:

- 1) This course will be graded as CR/NCR (Credit/No Credit)
- 2) Due to the rapidly changing nature of pharmacy and health care, students must complete both practicum courses (PHAR

191 and PHAR 192) within one academic year of finishing their other course work. Students not able to meet this timeline will have to repeat the lab courses: PHAR 120, 121, 155 and 161.

3) Please note that most practicums require a block set of full-time hours not part-time.

► **Philosophy**

Note: Not all courses listed may be offered. Check Course Timetable for availability.

Note: 200-level Philosophy courses do not require previous Philosophy. PHIL 201, 202 and 222 are recommended if you intend to major in Philosophy.

Note: There are no prerequisites for 300-level courses (except for PHIL 389). You will find it helpful, however, to take PHIL 202 before taking any 300-level courses. PHIL 201 will provide valuable background for PHIL 339, 340, 348, 355 and 386.

PHIL 201-3 (BC=3)

(3-0) 15 weeks

Values and Society

The classical problems of Western philosophy. Studying and discussing selected philosophical classics and contemporary works. Emphasis is on questions of moral and other values, and on the nature of society and justice.

Note: Do not take if you have credit in PHIL 239 or 240.

PHIL 202-3 (BC=3)

(3-0) 15 weeks

Knowledge and Reality

The classical problems of Western philosophy. Studying and discussing selected philosophical classics and contemporary works. Emphasis is on questions of the nature and extent of human knowledge, and classic problems about the nature of reality and our place in it.

Note: Do not take if you have credit in PHIL 230 or 240.

PHIL 221-3 (BC=3)

(3-0) 15 weeks

Practical Logic

Informal and elementary formal methods and principles used to distinguish correct and incorrect reasoning. Informal fallacies, definitions, and elementary principles of scientific method.

PHIL 222-3 (BC=3)

(3-0) 15 weeks

Symbolic Logic I

Basic concepts of logic: consistency, logical truth, entailment, equivalence. Symbolization of natural language inferences using sentential and predicate logic. Formal syntax of sentential and predicate logic. Natural deduction for sentential logic. Introduction to the semantics and metatheory of sentential logic: truth-tables, truth-functional completeness, soundness and completeness of the natural deductive system, compactness.

PHIL 300-3 (BC=3)

(3-0) 15 weeks

Professional Ethics

This course is designed to acquaint students with the range of ethical questions and issues that arise for practitioners of various professions. Students will develop their critical and analytical skills in their own arguments designed to appraise and develop good ethical positions on a variety of issues and problems common to many professions, problems like: professional responsibility, the use of codes of ethics in making good ethical decisions, privacy and client confidentiality, professional client-practitioner relationships, issues of public and private ethical responsibility.

PHIL 301-3 (BC=3)

(3-0) 15 weeks

The Theory of Knowledge

Epistemology is the study of the origin, nature, methods, and limits of knowledge.

Topics: Truth, skepticism, representationalism, and phenomenism. Rational belief and the criteria of knowledge. Theories of justification, including foundationalism and coherentism. Externalist theories, including reliabilism and naturalism. The possibility of *a priori* knowledge and the justification of induction.

PHIL 321-3 (BC=3)

(3-0) 15 weeks

Metaphysics

Topics may include freedom of the will, the mind-body problem, and the nature of time. The character of metaphysical reasoning.

PHIL 323-3 (BC=3)

(3-0) 15 weeks

Philosophy of Mind

What it means to be a person and have a mind. The relationship of philosophical ideas to scientific studies of mental phenomena. Topics may include: The mind-body relationship, personal identity, memory, imagination, intention, desire, emotion, and sensation.

PHIL 339-3 (BC=3)

(3-0) 15 weeks

Ethics

Questions of right and wrong, good and evil, and reasons for action. The ethical theories of authors such as: Plato, Aristotle, Hobbes, Kant, J.S. Mill, and John Locke.

PHIL 340-3 (BC=3)

(3-0) 15 weeks

Advanced Ethics

Consequentialist versus non-consequentialist views. Meaning and objectivity in morals. Free will and moral responsibility. The ethics of virtue. Contractarian ethics.

PHIL 341-3 (BC=3)

(3-0) 15 weeks

Ancient Philosophy

Ancient Greek philosophy. Examining the one/many problem. Considering pre-Socratic philosophy by studying Pythagoreanism, Heraclitus, Parmenides and Democritus. Examining Socrates through readings of Plato's early dialogues, considering Plato in detail. Emphasis is on the development of Plato's Theory of Forms.

PHIL 342-3 (BC=3)

(3-0) 15 weeks

Aristotle and Hellenistic Philosophy

Studying the works of Aristotle dealing with ontology, epistemology, logic and ethics. Examining some of the leading figures in the schools of Epicureanism and Stoicism. Considering Scepticism as exhibited by Pyrronism and the Academics.

PHIL 345-3 (BC=3)
(3-0) 15 weeks
Descartes to Kant
 Early modern philosophy. Examining rationalist and empiricist traditions of the seventeenth and eighteenth centuries. Descartes' so-called "epistemic turn". Identifying and isolating the epistemological problems generated by this epistemic turn. Examining possible solutions (if any) to these problems using works by authors such as Leibniz, Locke, Berkeley, Hume and Kant.

PHIL 347-3 (BC=3)
(3-0) 15 weeks
Kant to Russell
 Eighteenth, nineteenth and twentieth century philosophy. Studying and discussing a variety of issues including epistemological, metaphysical, ethical and logical. Considering the theories of authors such as Kant, Fichte, Hegel, J.S. Mill, Sartre, and Russell.

PHIL 348-3 (BC=3)
(3-0) 15 weeks
Philosophy and Women
 An introduction to philosophical examination of the concepts, discussions, ethical issues and controversies arising from a consideration of the role and status of women based on the social and political influences from the past and present and the influences of various schools of philosophy and feminist thought.

PHIL 350-3 (BC=3)
(3-0) 15 weeks
Philosophy of Art
 This course is designed to acquaint students with various aspects of art criticism, evaluating and critically appraising the claims and arguments found in critical discourse and in philosophical texts elaborating aspects of art criticism. Students should develop sound analytical skills necessary to construct good arguments of their own in which they move beyond the uncritical acceptance of beliefs about the nature of art, the knowledge of art and the judgements of value about art.

PHIL 355-3 (BC=3)
(3-0) 15 weeks
Philosophy of the Environment
 Designed to bring traditional and contemporary philosophical theories and methods to bear on issues raised by our relationship to the environment. The ethical, aesthetic, or metaphysical ramifications of certain major environmental problems, such as pollution, overpopulation, or resource exhaustion will be considered.

PHIL 357-3 (BC=3)
(3-0) 15 weeks
Philosophy of Religion
 The concept of religion. Arguments for and against the existence of God. Meaning and intelligibility in religious language.

PHIL 364-3 (BC=3)
(3-0) 15 weeks
Philosophy of Science I
 The philosophy of natural science. Hypothesis testing. The nature of causation, law, and explanation.

PHIL 365-3 (BC=3)
(3-0) 15 weeks
Philosophy of Science II
 The debate over the possibility of objectivity in the social sciences, which began with the work of Max Weber. Positivism. Hermeneutics. Critical theory. Ethnology.

PHIL 369-3 (BC=3)
(3-0) 15 weeks
Phenomenology and Existentialism
 This course involves the critical examination of some of the major writings of European philosophers to, in part, provide an introduction to the background and main themes of existentialist philosophy and existentialist phenomenology. Authors such as Kierkegaard, Nietzsche, Heidegger and Sartre may be considered.

PHIL 375-3 (BC=3)
(3-0) 15 weeks
Science and Society
 The intellectual, cultural and social dimensions of science and their implications. Topics may include the impact of the Newtonian revolution, mechanism, materialism and Darwinism, and the nature of objectivity and rationality.

PHIL 386-3 (BC=3)
(3-0) 15 weeks
Philosophy and Health Care Issues
 Concepts and issues central to health care knowledge and practice. Rights and responsibilities of patients and health care personnel. Passive and active euthanasia. Abortion. Medical research and experimentation. Disclosure of diagnosis and risks. Death and suffering.

PHIL 388-3 (BC=3)
(6-0) 7 weeks
Philosophy and Nursing
 This course involves elementary methods and principles for analyzing reasoning in everyday contexts as well as a philosophical examination of concepts and issues central to knowledge and practice in nursing.
Note: This course is available only to students registered in the BScN-Collaborative Program.

PHIL 389-3 (BC=3)
(3-0) 15 weeks
Symbolic Logic II
 Syntactical and semantic aspects of predicate logic and predicate logic with identity: truth-trees and the decision problem; natural deduction; elementary modal theory; soundness and completeness of the natural deduction systems; compactness; the Lowenheim-Skolem theorem; introduction to second-order logic.
 Prerequisite: PHIL 222 or consent of the Department.

PHIL 399-3 (BC=3)
(3-0) 15 weeks
Philosophy and Computing
 Philosophical themes and problems using fifth generation computer technology. Mainstream topics in philosophy as they apply to modern technological society. Topics are chosen that can be illustrated in a programming language. The focus will be on the philosophical topic, not the computing language. As most of these issues are currently researched using artificial intelligence, we will use PROLOG and/or an expert system shell.

➤ **Physical Education and Sport Studies**

(See Kinesiology and Sport Studies)

➤ **Physics**

Note: Not all courses listed may be offered. Check Course Timetable for availability.

PHYS 075-4 (BC=4)
(4-1) 15 weeks

Introductory Physics

See "Career and Academic Preparation Courses," page 192.

PHYS 095-5 (BC=5)
(4-1S-2) 15 weeks

Preparatory Physics

See "Career and Academic Preparation Courses," page 192.

PHYS 205-3 (BC=4)
(3-3) 15 weeks

Introductory General Physics I (Mechanics)

A non-calculus course in physics. Kinematics, vectors, and forces in equilibrium. Linear and rotational motion. Dynamics of particles (oscillations).

Prerequisite: Physics 30 or equivalent. Math 30 (Pure)

PHYS 224-3 (BC=4)
(3-0-3) 15 weeks

Particles and Waves

Algebra-based course for students in life, environmental, and medical sciences. It guides the student through two distinct types of motion: motion of matter (particles) and wave motion. Vectors, forces, bodies in equilibrium, elasticity and fracture; review of kinematics and basic dynamics; conservation of momentum and energy; circular motion; vibrations; waves in matter; wave optics; sound; black body radiation, photons, de Broglie waves; models of the atom. Examples relevant in environmental, life, and medical sciences will be emphasized. Prerequisites: Physics 20 or equivalent, Math 30 (Pure). Physics 30 is strongly recommended.

Note: Credit may be obtained for only one of PHYS 205, 224, 241, 244 or ENPH 231.

Note: PHYS 224 should be followed by PHYS 226.

PHYS 226-3 (BC=4)
(3-0-3) 15 weeks

Fluids, Fields, and Radiation

Fluid statics and dynamics, gases, kinetic interpretation; electrostatics; currents and circuits; magnetic fields; electromagnetic induction; nuclear radiation, its interaction with matter and applications.

Prerequisite: PHYS 205

Note: Credit may be obtained for only one of PHYS 207, 226, 246, 247 or 269.

PHYS 241-3 (BC=4)
(3-1S-3) 15 weeks

Mechanics

Kinematics. Particle dynamics. Work and energy. Linear momentum. Rotational kinematics. Rotational dynamics. Equilibrium of rigid bodies.

Prerequisite: Physics 30 and Math 30 (Pure).

Co-requisite: MATH 202 (203) or 212.

Note: You can have credit in only one of PHYS 203, 205, 231, or 241.

PHYS 244-3 (BC=4)
(3-1S-3) 15 weeks

Newtonian Mechanics and Relativity

A calculus-based course for students majoring in the physical sciences. Newtonian mechanics, including kinematics, dynamics, conservation of momentum and energy, rotational motion and angular momentum; special relativistic kinematics and dynamics, including length contraction, time dilation, and the conservation of energy and momentum in special relativity.

Prerequisites: Math 30 (Pure), Physics 30.

Corequisites: MATH 202 or 203 or 212 or equivalent.

Note: Credit may be obtained for only one of PHYS 205, 224, 241, 244 or ENPH 231

PHYS 246-3 (BC=4)
(3-1S-3) 15 weeks

Fluids and Waves

A calculus-based course for students majoring in the physical sciences. Fluid statics and dynamics, elasticity and simple harmonic motion; sound waves, wave properties of light; quantum waves, wave-particle duality.

Prerequisite: PHYS 244

Corequisite: MATH 204 or equivalent.

Note: Credit may be obtained for only one of PHYS 207, 226, 246, 247 or 269

PHYS 247-3 (BC=4)
(3-1S-3) 15 weeks

Waves, Optics and Thermal Physics

Oscillations, simple harmonic motion, waves. Gravitation. Sound. Light, geometrical optics, optical instruments, interference and diffraction. Fluids. Kinetic theory. Heat and thermodynamics.

Prerequisite: PHYS 241 or ENPH 231

Co-requisite: MATH 204 or 213

Note: You can have credit in only one of PHYS 206, 207, 237, 243, 247, or 269.

PHYS 269-3 (BC=4)
(3-1S-3/2) 15 weeks

Wave Motion, Optics and Sound

Geometrical optics, optical instruments. Oscillations, waves, sound, light, interference and diffraction. Simple harmonic motion. Prerequisites: Physics 30, Math 30 (Pure) and 31.

Co-requisites: MATH 202 or 203 or 212. ENGG 230

Note: You can have credit in one of PHYS 207, 247, or 269.

Note: For engineering students only.

PHYS 355-3 (BC=4)
(3-1S-3) 15 weeks

Electricity and Magnetism

Electric charge. Electric potential. Gauss's Law. Capacitance. Electric currents. Electromotive force. DC circuits. Magnetic Field. Ampere's Law. Faraday's Law. AC circuits. Electric and magnetic properties of materials.

Prerequisite: PHYS 241 or ENGG 230, or PHYS 207 and permission of Department.

Co-requisites: MATH 204 or 213. PHYS 247 or 269 or 237.

Note: You can have credit in only one of PHYS 355 and 359.

PHYS 356-2 (BC=2)
(3-1S-3/2) 8 weeks

Electricity

(First half of PHYS 359 up to and including DC circuits)

Note: Only for Engineering Students bound for the University of Regina.

Note: You can have credit in only one of PHYS 355, 356, 359

PHYS 359-3 (BC=4)
(3-1S-3/2) 15 weeks
Electricity and Magnetism
 (This is the same course as PHYS 355 above except it has half the number of labs .)
 Prerequisite: ENGG 230 or PHYS 241 or PHYS 269.
 Co-requisites: MATH 204 or 213.
Note: You can have credit in only one of PHYS 355 and 359.
Note: For engineering students only.

➤ **Physiology**

PSIO 258-3 (BC=3)
(3-0) 15 weeks
Elementary Physiology I
 This course is an introduction to the essentials of human physiology. The main focus of this course is on systemic functions in the human body with special emphasis on systems that respond and adapt to exercise stress. The course will focus on the cardiovascular, respiratory, musculoskeletal, nervous and endocrine systems.
 Prerequisite: Biology 30 is recommended
Note: For Kinesiology students only.

PSIO 259-3 (BC=3)
(3-1) 15 weeks
Elementary Physiology II
 This course parallels the content of PSIO 258 but continues with a focus on integrative human physiology. The focus is on functions of the human body with special emphasis on control and integration of these functions. Wherever possible, the responses and adaptations to exercise will be used as a foundation upon which the concepts of control and integration will be discussed. Some topics from PSIO 258 will be revisited to discuss control and integration of cellular and systemic function.
 Prerequisite: PSIO 258
Note: For Kinesiology students only.

PSIO 262-6 (BC=6)
(3-0), (3-0) 30 weeks
Elementary Physiology
 Physiology of mammals and humans.
 Prerequisite: Biology 30; Chem 30.

PSIO 263-6 (3-0), (3-0) 30 weeks
Human Physiology
 Introductory course in human physiology.
 Prerequisites: BIOL 217 or 218; plus 6 credits of university level chemistry.
Note: Credits may be obtained in only one of PSIO 262 or 263.

➤ **Political Science**

Note: Not all courses listed may be offered. Check Course Timetable for availability.

POLI 200-6 (BC=6)
(3-0) 30 weeks
Introduction to Political Science
 The political institutions, processes, and problems in Canada and other democratic and non-democratic governments. Basic terminology. Classification of political systems. Ideologies. Democratic representation. Constitutions and civil liberties. Federalism. Legislatures, executives, and bureaucracy. Legal adjudication. Public opinion and voting behaviour. Political parties and interest groups. Basic issues in international relations.
Note: This course is required for all majors in Political Science.

POLI 300-6 (BC=6)
(3-0) 30 weeks
Comparative Political Systems
 Selected major political systems of the present day. Relationships between political functions and socio-economic processes.
Note: This is the core course in comparative government and is a prerequisite for most 400 level courses in the field.

POLI 308-3 (BC=3)
(3-0) 15 weeks
History of Political Thought I (Plato to Machiavelli)
 Equal to the first half of POLI 310.
 Prerequisite: Not open to students in the first year without consent of the Department.

POLI 309-3 (BC=3)
(3-0) 15 weeks
History of Political Thought II (Hobbes to the Present)
 Equal to the second half of POLI 310.
 Prerequisite: Not open to students in the first year without consent of the Department.

POLI 310-6 (BC=6)
(3-0) 30 weeks
History of Political Thought
 Survey course in Western political philosophy, including notable developments and major political philosophers. Plato, Aristotle, Machiavelli, Hobbes, Rousseau, Marx, and John Stuart Mill.
 Prerequisite: Not open to students in the first year without consent of the Department.
Note: This is the core course in political theory and is a prerequisite for most 400 level courses in the field.

POLI 320-6 (BC=6)
(3-0) 30 weeks
Canadian National Government and Politics
 Survey course. Basic concepts and terminology. Political culture. Ideologies and political parties. The social and economic context. Western alienation. Québécois nationalism. The Constitution. Charter of Rights. Federalism. Elections. Parliament, cabinet, bureaucracy. The judiciary. Political participation. Interest groups.
 Prerequisite: Not open to students in the first year without consent of the Department. POLI 200 recommended.
Note: This is the core course in Canadian politics and is a prerequisite for most 400-level courses in this field.
Note: You cannot take POLI 320 if you have taken, or are taking, POLI 321.

POLI 321-3 (BC=3)
(3-0) 15 weeks
Canadian Government
 Designed for students who want one senior course in political science. Survey course in the structure and functions of the federal, provincial, and local governments.
Note: You cannot take POLI 321 if you have taken, or are taking, POLI 320.

POLI 324-3 (BC=3)
(3-0) 15 weeks
Politics of Health Care
 A comprehensive overview of health care in Canada. The development of the health care system. Legislative and philosophical groundings. Financing and delivery from a comparative perspective. Current stresses in the health care system.

POLI 328-3 (BC=3)

(3-0) 15 weeks

Elements of Public Administration

The major institutions, processes, and issues of public administration at the federal level in Canada. Government organization. Budgets. Policy making. Selected personnel issues. Democratic control. Accountability.

POLI 360-6 (BC=6)

(3-0) 30 weeks

International Relations

The nature of foreign policy. The dynamics of interactions between states. Causes of war. Imperialism. Role of non-state actors.

Note: This is the core course in international relations and is a prerequisite for most 400-level courses.

Prerequisite: Not open to students in the first year without consent of the Department. POLI 200 recommended.

POLI 388-3 (BC=3)

(3-0) 15 weeks

Politics and Global Trade - I

Democracy; the technological imperative; trade and ethics; international trade regimes and their politics.

Note: admission restricted to senior level students in University Transfer and Business Administration Programs, or by consent of the Department.

POLI 389-3 (BC=3)

(3-0) 15 weeks

Politics and Global Trade - II

The state in the global economy; trade facilitation federally and provincially; introduction to area studies.

Note: Admission restricted to senior level students in University Transfer and Business Administration Programs, or by consent of the Department.

➤ **Practical Nurse Program**

Two Year Program

PN 216-6 (BC=6)

(6-0) 15 weeks

Anatomy, Physiology, Microbiology

An introduction to the normal structure and function of the human body according to body systems. An introduction to micro-organisms and their relationship to disease process.

PN 217-3 (BC=3)

(2-2) 15 weeks

Adult Health Assessment

Introduction to adult physical assessment.

PN 218-4 (BC=4)

(3-3) 15 weeks

Nursing Science I - Foundations

The knowledge and skills required for provision of safe, competent, holistic care to clients in a variety of settings are introduced. The focus is on health promotion, spirituality, ethnicity and culture, legal and ethical considerations in nursing. The psychomotor skills necessary to nursing will be developed based on underlying theoretical principles and incorporating critical thinking in their application.

PN 225-3 (BC=3)

(5-0) 9 weeks

Pathophysiology

The alterations in normal human physiologic structure and function which underlie diseases processes are examined. Pathological processes and concepts, predisposing factors, clinical manifestations and suggested diagnostic tests and treatments for representative and specific diseases are discussed.

Prerequisite: PN 216

PN 226-3 (BC=3)

(5-0) 9 weeks

Applied Pharmacology

The application of knowledge of therapeutic drugs, their effects on the body, and nursing responsibilities when administering medications are discussed.

PN 227-5 (BC=5)

(6.5-5) 9 weeks

Nursing Science II - Advanced

Knowledge and skills required to provide safe, competent, holistic nursing care to clients within the framework of the nursing process. Focus is on the principles underlying nursing actions, health promotion and the integration of concepts from other courses.

Co-requisite: PN 225

PN 228-3 (BC=3)

(5-0) 9 weeks

Growth and Development Across the Lifespan

An overview of human growth and development and normal behavioral responses through the lifespan.

PN 229-5 (BC=5)

(216 clinical hours) 6 weeks

Continuing Care Practice

Introduction to continuing care settings with opportunity to apply previously acquired knowledge and skills when caring for clients in these settings.

Prerequisites: PN 217, 218, 225, 226, 227

PN 231-3 (BC=3)

(45 class hours)

Mental Health

Focus is on the promotion of mental health, prevention and management of mental disorders throughout the life cycle, within various health care settings.

Prerequisites: PN 225, 226, 227, 229

PN 235-5 (BC=5)

(6.5-8.5) 7 weeks

Nursing Science III - Medical/Surgical Nursing

The focus of this course is the knowledge and skills required to provide safe, competent, holistic care for the adult client who is experiencing acute alterations in health. Focus is on the principles underlying nursing actions, health promotion and the integration of concepts from other courses.

Prerequisite: PN 229

PN 236-3 (BC=3)
(6.5-0) 7 weeks
Health Education
 An overview of the physical, social, mental, environmental and spiritual aspects of health at the personal and community level. Health promotion for individuals and communities is addressed.

PN 237-6 (BC=6)
(271 clinical hours) 8 weeks
Acute Care Practice
 Focus is on the nursing needs of clients throughout the life cycle in acute care settings. Prerequisites: PN 231, 235, 236

PN 242-3 (BC=3)
(5-0) 9 weeks
Pediatric Nursing
 An introduction to the needs and nursing interventions related to children. Community resources and client teaching are addressed. Prerequisites: PN 237

PN 243-3 (BC=3)
(45 class hours)
Maternity Nursing
 An introduction to the needs and nursing interventions of childbearing families. Community resources and client teaching are addressed. Prerequisites: PN 237

PN 246-3 (BC=3)
(5-0) 9 weeks
Community Nursing
 An introduction to the concepts, theories and practices of community health nursing and health promotion as it relates to individuals, families and groups. Prerequisites: PN 237

PN 247-3 (BC=3)
(5-0) 9 weeks
Nursing Science IV - Transition to Graduate
 Builds on previous learning in the areas of professionalism, leadership, and entry to practice. Critical thinking in the application and integration of previous learning is addressed to assist in the transition from the role of student to that of entry level graduate nurse. Co-requisite: PN 242, 243, 246 Prerequisite: PN 237

PN 248-3
(116 hours of preceptored clinical)
3 week
Focus Practicum
 Opportunities are provided to observe and apply nursing knowledge and skills in a variety of settings, such as mental health, maternity, and community. May include practice in a continuing care setting with a focus on leadership roles. Prerequisites: PN 242, 243, 246, 247

PN 249-4 (BC=4)
(155 hours preceptored clinical) 4 weeks
Comprehensive Practicum
 Preceptorship experience provides the opportunity to make the transition from a student to a graduate role. Prerequisite: PN 247

► Professional Driver

DRIV 110-11 (BC=28)
145 class hours; 50 lab/observation hours
Classroom
 Introduction to the transportation industry, regulatory environment, safety essential skills, and career considerations. The CTHRC approved Earning Your Wheels curriculum provides the foundation for this course. To reflect the post-class 1 nature of the program, there are 85 hours Theory, 60 Behind the Wheel, 50 Observation). Delivered by Red Deer College using accredited Red Deer College instructors and private training schools equipment and facilities which meet CTHRC standards.

DRIV 120-7 (BC=4)
25 class hours; 240 supervised practicum hours)
Classroom and Supervised Practicum
 Practicum with a trucking company with an accompanying professional driver coach/mentor. This hands-on experience is a combination of observation and driving. The coach/mentor provides guidance and ensures that the student acquires core competencies and driving experience. Theory delivered by Red Deer College. Practicum designed and supervised by Red Deer College, with participating trucking companies. Prerequisite: PD 110

► Psychology

Note: Not all courses listed may be offered. Check Course Timetable for availability.

PSYC 260-3 (BC=3)
(3-0) 15 weeks
Basic Psychological Processes
 An overview of some of the important areas in psychology. Topics include the nature and history of psychology, research methods, the biological foundations of behaviour, genes and evolution, sensation and perception, states of consciousness, learning and adaptation, and memory.

Note: This course is a prerequisite for most psychology courses and is normally followed by PSYC 261.

PSYC 261-3 (BC=3)
(3-0) 15 weeks
Social and Individual Behaviour
 An overview of some of the important areas in Psychology. Topics include thought, language, and intelligence; motivation and emotion; development over the lifespan; personality; psychological disorders and their treatments; stress, health, and coping; and behaviour in a social context.

Prerequisite: PSYC 260.
Note: PSYC 260/261 is a prerequisite for many courses in the Department.

PSYC 312-6 (BC=8)
(3-2) 30 weeks
Experimental Design and Quantitative Methods for Psychology
 An integrated approach to the methods, principles, and ethics of psychological research and the statistical techniques utilized for the analysis of these data. Prerequisites: Math 30 (Pure) and PSYC 260. Prerequisite or Co-requisite: PSYC 261

PSYC 321-3 (BC=3)
(3-0) 15 weeks
Industrial & Organizational Psychology
 The world of work. Topics include career development, performance, motivation, conditions of work, employee selection and training, and organization. Prerequisite: PSYC 260/261 or consent of the Department.

PSYC 341-3 (BC=3)

(3-0) 15 weeks

Social Psychology

Individual and group behaviours as they are affected by social contexts. Topics may include the self and social perception, social cognition; prejudice, discrimination, and stereotyping; attitude formation and change; conformity and obedience; affiliation and attraction; pro- and anti-social behaviours; and applied social psychology topics (law, health).

Prerequisite: PSYC 260/261 or SOCI 260

PSYC 347-3 (BC=3)

(3-0) 15 weeks

Psychology of Gender

An overview of psychological perspectives on gender including the nature of gender, alternative expressions of gender (e.g. transgenderism), the reproduction of gender through social institutions, the question of gender similarities and differences, gender stereotypes and discrimination, and the implications of gender for various facets of daily living.

Prerequisite: PSYC 260/261

Note: U of C bound students cannot also take PSYC 439 for credit.

PSYC 353-3 (BC=3)

(3-0) 15 weeks

Child Development

An examination of theory and research related to physical, cognitive, emotional and social development across infancy and childhood.

Prerequisite: PSYC 260/261

PSYC 355-3 (BC=3)

(3-0) 15 weeks

Adolescence

An examination of theory and research related to physical, cognitive, emotional, and social development occurring during adolescence.

Prerequisite: PSYC 260/261

Note: U of C bound students cannot also take PSYC 429 for credit.

PSYC 357-3 (BC=3)

(3-0) 15 weeks

Psychology of Adult Development and Aging

An examination of adult development during adulthood and aging. Topics may include life-span developmental theories and methods; biological processes; sensory, perceptual, and cognitive processes;

personality and social processes; life transitions; mental health issues; and dying.

Prerequisite: PSYC 260/261.

PSYC 358-3 (BC=3)

(3-0) 15 weeks

Cognitive Psychology

A survey course in cognition. Major theoretical approaches and research in areas such as perception, attention, memory, the representation of knowledge, language, reasoning and problem solving.

Prerequisite: PSYC 260/261.

Prerequisite or Co-requisite: PSYC 312.

PSYC 367-3 (BC=3)

(3-0) 15 weeks

Human Sexual Behaviour

This course explores and integrates knowledge from many disciplines including medicine, biology, anatomy, psychology, history, law, anthropology, social science, the arts, and religion in describing human sexual behaviour.

Prerequisite: PSYC 260/261.

PSYC 368-3 (BC=3)

(3-0) 15 weeks

Principles of Learning

Traditional and modern research on classical conditioning, operant conditioning, and memory. Emphasis is on research dealing with non-human animals, but human applications are included where relevant.

Prerequisite: PSYC 260/261

Prerequisite or Co-requisite: PSYC 312

PSYC 369-3 (BC=3)

(3-0) 15 weeks

Sensation and Perception

Theoretical and experimental issues related to sensation and perception.

Prerequisite: PSYC 260/261

Prerequisite or Co-requisite: PSYC 312

PSYC 375-3 (BC=3)

(3-0) 15 weeks

Brain and Behaviour

Brain function related to sensation, movement, learning, motivation, and thinking. How the brain interacts with behavioural systems.

Prerequisite: Biology 30 or equivalent and PSYC 260/261. (Biology 30 prerequisite required by U of A bound students).

PSYC 377-3 (BC=3)

(3-0) 15 weeks

Human Neuropsychology

Changes in mood, motivation, perception, attention, memory, and language as revealed by studies of structural alterations in the human brain.

Prerequisite: PSYC 260/261 and 375

PSYC 383-3 (BC=3)

(3-0) 15 weeks

Personality

Survey course including theory and research related to the major problems in the study of personality.

Prerequisite: PSYC 260/261.

PSYC 389-3 (BC=3)

(3-0) 15 weeks

Abnormal Psychology

General introduction, with emphasis on contemporary views of the nature, development, and treatment of psychological disorders.

Prerequisite: PSYC 260/261

Note: Students cannot get credit for PSYC 389 and 489.

PSYC 391-3 (BC=3)

(3-0) 15 weeks

Health Psychology

Examining the relationship of psychology to illness and related dysfunction, promotion and maintenance of health, and the health system.

Prerequisite: PSYC 260/261.

➤ **Science**

SCIE 050-5 (BC=5)

(5-0) 15 weeks

Basic Science

See "Career and Academic Preparation Courses," page 192.

➤ **Social Studies**

SOST 090-5 (BC=5)

(5-0) 15 weeks

Canadian Studies

See "Career and Academic Preparation Courses," page 192.

SOST 095-5 (BC=5)

(5-0) 15 weeks

Twentieth Century World

See "Career and Academic Preparation Courses," page 192.

► **Social Work**

(Open to Social Work students only.)

SOWK 201-3 (BC=3)

(3-0) 15 weeks

Introduction to Social Work Methods I

An overview of the social service field. Philosophy, purpose, and objectives of social work practice. Emphasis is on the helping process, working principles, and cardinal values of social work. Developing the knowledge and skills needed for case work.

SOWK 202-3 (BC=3)

(3-0) 15 weeks

Introduction to Social Work Methods II

SOWK 201 continued. Communication skills in social work practice. Interviewing, assessing, and recording skills. Audio-visual equipment is used in developing interpersonal communication skills. Prerequisite: SOWK 201

SOWK 204-3 (BC=3)

(3-0) 15 weeks

Social Work Ethics in Practice

A comprehensive overview of ethical principles and theory in social work practice. The main focus of this course is on the skill development, integration and application of ethics in decision-making in critically reflective social work practice.

SOWK 207-3 (BC=3)

(3-0) 15 weeks

Social Services History, Function and Structure

This course pertains to the philosophy, history and development of social welfare in relation to social services organizations, programs and methods of service delivery. Focus is on the variety of venues for social work practice and different groups of individuals who social workers interact with.

SOWK 208-4 (BC=5)

(240 hours)

Field Work I

Normally two days per week in one of a variety of social service agencies. Observing the agency and social service practice. Learning agency policies and procedures. Working closely with a practicum supervisor in the

agency. Included are 15 hours of seminars that focus on the integration of classroom lecture material and field practice experience.

SOWK 209-4 (BC=5)

(240 hours)

Field Work II

SOWK 208 field placement continued. Under supervision, you will take beginning responsibility for delivery of social services to individuals, groups, or communities. Included are 15 hours of seminars that focus on the integration of classroom lecture material and field practice experience. Prerequisite: SOWK 208.

SOWK 301-3 (BC=3)

(3-0) 15 weeks

Social Work Methods III

Developing a broader range of social work skills, techniques, and attitudes. Emphasis is on individual counselling methods and case management.

SOWK 303-3 (BC=3)

(3-0) 15 weeks

Social Work Methods IV - Working with Groups

Social Work 303 is the fourth in the Methods sequence. The course is about the theory and practice of working with groups. The focus is on the knowledge and skill for effectiveness in groups, as both leader and participant in the range of groups in the micro, mezzo and macro settings.

SOWK 304-3 (BC=3)

(3-0) 15 weeks

Social Work Methods V - Working with Communities

Social Work 304 is the fifth course in the methods series and is designed to introduce the student to the theory and practice of working with communities. The focus is on the development of knowledge and skills needed for recognizing community needs and engaging community residents in developing and implementing strategies to address needs.

SOWK 306-3 (BC=3)

(3-0) 15 weeks

Social Work Administration

Social Work Administration focuses on the practice skills required for ethical and sound social work practice in management settings.

The theories that support the practice skills are investigated, and students are exposed to the expected roles and responsibilities of administrators in social services settings. The course prepares students to assume administrative responsibilities and become aware of the current administrative challenges in the social services field.

SOWK 307-3 (BC=3)

(3-0) 15 weeks

Social Policy

Social Policy focuses on how policies, with particular attention to social welfare policies, are developed and translated into programs in the social services field. Ideological influences are explored as to how they affect social policy decisions. Current realities, such as economic globalization are discussed in relation to their impact on social welfare policies and programs. The role of the social worker in the policy development arena is also addressed.

SOWK 308-4 (BC=5)

(240 hours)

Field Work III

An extension of SOWK 208/209. Normally two days per week in a field agency for the second year. After an orientation to the agency, you will provide service to a selected client group under supervision. Included are 15 hours of seminars that focus on the integration of classroom lecture material and field practice experience. Prerequisite: SOWK 209

SOWK 309-4 (BC=5)

(240 hours)

Field Work IV

The final field placement course. You will have a variety of training experiences in a particular social service agency. Included are 15 hours of seminars that focus on the integration of classroom lecture material and field practice experience. Prerequisite: SOWK 308.

SOWK 312-3 (BC=3)

(3-0) 15 weeks

Social Problems and Issues in Social Work

Theories and issues about social problems relevant to Canadian society. Current trends and issues in social work practice and how they relate to social problems. Specific social

problems such as drug dependence, child abuse, sexual abuse, suicide, and unemployment.

SOWK 313-3 (BC=3)

(3-0) 15 weeks

Social Work in Health Care Settings

Social Work 313 focuses on health and mental health issues in relation to clients and client systems, organizations and the interdisciplinary context of health and mental health practice. The purpose of the course is to examine, understand and conceptualize current theories, issues, practices and the unique role of the social worker in health and mental health practice.

► **Sociology**

Note: Not all courses listed may be offered. Check Course Timetable for availability.

SOCI 260-3 (BC=3)

(3-0) 15 weeks

Sociological Concepts & Perspectives

Sociological perspectives and concepts used to analyse social behaviour. The nature of group behaviour and social interaction. Culture, social organization, the social personality, and deviance.

Note: SOCI 260 is the prerequisite for most advanced courses.

SOCI 261-3 (BC=3)

(3-0) 15 weeks

Canadian Society

Family, religion, education, politics, and economics. Social stratification and social inequality.

Prerequisite: SOCI 260

SOCI 301-3 (BC=3)

(3-0) 15 weeks

Sociology of Gender and Sexuality

Comparing gender and sex roles in different societies. Emphasis is on contemporary Canada. Gender and sex role behaviour and theories of their origin. Recent research on the social effects of gender and sex roles.

Prerequisite: SOCI 260 or consent of department.

SOCI 307-3 (BC=3)

(3-0) 15 weeks

First Nations in Canada

The main point of focus for this course will be the dynamics of Native groups' relations with each other and with the larger society. Topics include: decolonization and relations with the state, demography, organizations, nationalism and nation-building, power, community and economic development, social class and public policy. Inuit and Metis issues will also be discussed.

Prerequisite: SOCI 260 or consent of the department.

SOCI 310-3 (BC=4)

(3-3) 15 weeks

Introduction to Social Statistics

Statistical reasoning and techniques used by sociologists to summarize data and test hypotheses. Topics include describing distributions, cross-tabulations, probability, correlation/regression and non-parametric tests.

Prerequisite: SOCI 260 or consent of the department.

Note: This course may not be taken for credit by students with credit in SOCI 311-6.

SOCI 312-3 (BC=4)

(3-3) 15 weeks

Introduction to Social Methodology

Research design, data collection, and data processing strategies used by sociologists. Topics include research values and ethics, scaling, reliability and validity, experimentation, survey research techniques, historical methods, field research, and content analysis.

Prerequisite: SOCI 260 or consent of the department.

Note: This course may not be taken for credit by students with credit in SOCI 311-6.

SOCI 322-3 (BC=3)

(3-0) 15 weeks

Social Issues in Canada

A survey course on social issues in Canada. Regional and national scope will be covered in such areas as health, safety, the economy, the environment, community belonging, integration of newcomers and education.

Prerequisite: SOCI 310 or SOCI 312 or consent of the department.

Note: You cannot receive credit for SOCI 322 if you have previously taken ANTH 357.

SOCI 323-3 (BC=3)

(3-0) 15 weeks

Sociology of Poverty

Meaning, origins, extent, and effects of poverty. Focus is on Canadian society. Reviewing theoretical explanations of poverty. The relationships between poverty and social institutions such as education, health care, housing, criminal justice, and the political order. Reviewing and evaluating various poverty programs.

Prerequisite: SOCI 260 or consent of the Department.

SOCI 325-3 (BC=3)

(3-0) 15 weeks

Criminology

The nature of crime and how it is defined. Measurement problems and official statistics. Crime in relation to social-cultural factors. Theoretical explanations of criminal behaviour. Critical perspectives. Selected types of crime. Emphasis is on Canadian society.

Prerequisite: SOCI 260 or consent of the Department.

SOCI 327-3 (BC=3)

(3-0) 15 weeks

Criminal Justice and Crime Control

The social response to crime. Considering how crime control strategies have developed. Evaluating theories of punishment. The function of criminal law. Elements of the Canadian criminal justice system such as the police, courts, and corrections. Incarceration and release measures. Changing directions in crime control. Formal and informal alternatives to criminal justice. Critical perspectives.

Prerequisite: SOCI 325

SOCI 332-3 (BC=3)

(3-0) 15 weeks

The Development of Sociology I

The origin and development of classical sociological theory. Emphasis is on the Enlightenment, Romantic-Conservative Reaction, Saint-Simon, Comte, Marx, Durkheim, Weber, and Freud.

Prerequisite: SOCI 260 or consent of the Department.

SOCI 333-3 (BC=3)
(3-0) 15 weeks
The Development of Sociology II
The contributions of modern and contemporary sociological theorists. Emphasis is on Structural Functionalism, Symbolic Interactionism, Ethnomethodology, Contemporary Feminist Theory, Neo-Marxism and Critical Theory, and Post-Structuralism and Post-Modernism.
Prerequisite: SOCI 332

SOCI 341-3 (BC=3)
(3-0) 15 weeks
Social Psychology
Note: This course is not currently offered. If you wish to take Social Psychology, register for PSYC 341 (3-0), which carries an identical program credit at the University of Alberta.
Prerequisite: SOCI 260/261 or PSYC 260/261.

SOCI 344-3 (BC=3)
(3-0) 15 weeks
Mass Communication and Popular Culture
An analysis of the varieties of mass media such as radio, television, film and books and their effects on popular culture.
Prerequisite: SOCI 260 or consent of the Department.

SOCI 363-3 (BC=3)
(3-0) 15 weeks
Sociology of Work
The social relations of production and the organization of work in advanced industrialized countries. Focus is on Canadian society. Topics include: values and meanings attached to work; work and leisure; the union phenomenon; alienation from work; professionalism; the hierarchical nature of the workplace; the impact of technological development on the labour process; and the role of the government in labour relations.
Prerequisite: SOCI 260 or consent of the Department.

SOCI 365-3 (BC=3)
(3-0) 15 weeks
Social Stratification
An introduction to the sociological study of social stratification and structured inequality with a focus on Canadian society. Topics include different systems of stratification,

various theoretical approaches to stratification, class and social inequality, contemporary perspectives and research, socio-economic, gender, ethnic and racial bases of social inequality.
Prerequisite: SOCI 260 or consent of the department.

SOCI 368-3 (BC=3)
(3-0) 15 weeks
Canadian Ethnic and Minority Group Relations
Canada is a tremendously diverse country encompassing many ethnic and minority groups. Social processes involved in developing and understanding minority group relations in Canada will be the central focus for this course. The three main concentrations will be on French/English relationships, Aboriginal issues, and challenges relating to all the other groups that have come to Canada.
Prerequisite: SOCI 260 or consent of the Department.

SOCI 371-3 (BC=3)
(3-0) 15 weeks
Sociology of the Family
The nature of the family in contemporary North American society. Family interaction patterns and how these are related to the many changes in the modern family.
Prerequisite: SOCI 260 or consent of the Department.

SOCI 373-3 (BC=3)
(3-0) 15 weeks
Sociology of Aging
Aging as a socio-cultural phenomenon with a focus on social and institutional factors associated with aging in modern society. Topics include aging and the self-concept; family; politics; economics and work; demographics; health and health care; housing and transportation; retirement and leisure; death and dying; various comparative, theoretical and historical perspectives, with a focus on Canadian society.
Prerequisite: SOCI 260 or consent of the department.

SOCI 374-3 (BC=3)
(3-0) 15 weeks
Social Organization of Health Care
An introduction to the sociological study of the structure and dynamics of health care in Canadian society. Topics include: trends in health care, social epidemiology, health and illness behaviour, professional-client relationships, health care occupations, and the sociology of hospitals.
Prerequisite: SOCI 260 or consent of the Department.

SOCI 376-3 (BC=3)
(3-0) 15 weeks
Sociology of Religion
General theory plus selected topics. The nature and origins of religion. Religion as an expression of historical, social, and personal conditions. Religion and social change. Religion and individual and social variations. Social functions of religion. Emphasis is on religion in western society, and Canada in particular.
Prerequisite: SOCI 260 or consent of the Department.

SOCI 395-3 (BC=3)
(3-0) 15 weeks
Sociology of Leisure
A sociological analysis of the nature and forms of leisure. Topics include historical and contemporary perspectives, trends and issues in leisure participation in postindustrial society, leisure provision, programs and research, the future of leisure. Emphasis will be on leisure in Canadian society.
Prerequisite: SOCI 260 or consent of the department.

► **Spanish**

Note: 100-level language courses are intended for students with little or no background in the language. Students who have high school matriculation in the language, or who are taking a 100-level course to meet a university's matriculation requirements, may be denied transfer credit. Check the Transfer Guide and with the university.

SPAN 101-3 (BC=4)
(4-1) 15 weeks
Beginners' Spanish I
Beginning to learn Spanish. Understanding, speaking, reading and writing. The oral aspect of the language is stressed in class.

SPAN 102-3 (BC=4)
(4-1) 15 weeks

Beginners' Spanish II

For students who have taken SPAN 101. The oral aspect of the language is stressed in class. Prerequisite: SPAN 101 or equivalent.

SPAN 201-3 (BC=4)
(4-1) 15 weeks

Intermediate Spanish I

Spoken and written Spanish, including grammar, composition, literature and conversation. The literature includes works of modern authors. Prerequisite: Spanish 30 or SPAN 102 or equivalent.

SPAN 202-3 (BC=4)
(4-1) 15 weeks

Intermediate Spanish II

The continuation of SPAN 201. Spoken and written Spanish, including grammar, composition, literature and conversation. The literature includes works of modern authors. Prerequisite: SPAN 201 or equivalent.

► **Statistics**

Note: Not all courses listed may be offered. Check Course Timetable for availability.

STAT 241-3 (BC=3)
(3-1) 15 weeks

Introduction to Statistics

Elementary statistics. Probability. Descriptive statistics. Sampling distributions. Testing hypotheses. Correlation and regression. Prerequisite: Math 30 (Pure)

STAT 251-3 (BC=4)
(3-0-2) 15 weeks

Introduction to Applied Statistics I

Data collection and presentation, descriptive statistics. Probability distributions, sampling distributions and the central limit theorem. Point estimation and hypothesis testing. Correlation and regression analysis. Goodness-of-fit and contingency table. Prerequisite: Math 30 (Pure)

Note: This course may not be taken for credit if credit has already been obtained in any of STAT 241, PSYC 309, SOCI 311, or BUS 306

STAT 365-3 (BC=3)
(3-0) 15 weeks

Elements of Probability Theory

Finite probability spaces. Discrete and continuous random variables. Random vectors. Probability density functions and their corresponding distributions, including uniform, binomial, geometric, Poisson, exponential, normal, etc. Prerequisite: MATH 204 or equivalent. Co-requisite: MATH 302

► **Transitional/
Vocational**

TVOC 010-4 (BC=4)
(4-0) 15 weeks

Self-Awareness

Developing and increasing your understanding of self and how you present that to others.

TVOC 011-4 (BC=4)
(4-0) 15 weeks

Vocational Preparation

Introduction to the world of work. Examining reasons for working, areas that influence success on the job, getting a job, and keeping it.

TVOC 012-2 (BC=2)
(2-0) 15 weeks

Recreation and Community Living

Studying basic concepts of fitness, nutrition and lifestyle planning. Identifying services provided by local community agencies and facilities.

TVOC 013-5 (BC=5)
(300 hours) 15 weeks

Jobsite Skills Training I

"Hands-on" skill training in the employment area best suited to your interests and abilities. Three days per week.

TVOC 014-3 (BC=3)
(3-0) 16 weeks

Interpersonal Skills

Communicating with others in the most effective way. Conflict resolution skills, assertiveness, problem-solving and stress management.

TVOC 015-3 (BC=3)
(3-0) 16 weeks

Skills for Employment

Exploring occupational choices and looking at individual abilities and interests. Learning and practicing job search techniques.

TVOC 016-3 (BC=3)
(3-0) 16 weeks

Skills for Independence

Combines skills necessary for banking and budgeting with skills needed for wise shopping and having an apartment.

TVOC 017-5 (BC=5)
(320 hours) 16 weeks

Jobsite Skills Training II

"Hands-on" skill training in the employment area best suited to your interests and abilities. Three days per week.

TVOC 018-5 (BC=5)
(240 hours) 6 weeks

Block Practicum

Full-time work experience in the field you want to find a job in. Hours of work during this placement will vary depending on the type of business.

► **Unit Clerk**

UNIT 100-2 (BC=2)
(68 lab hours)

Computer Skills

This is a self-directed course covering an introduction to computers, together with word processing and spreadsheet applications. This course will provide a foundation of computer literacy for the Unit Clerk field.

*The course is designed as a self-directed course but a mandatory seminary is required to provide students with support; please register in both the Lecture and Seminar sections of this course.

Prerequisites: None

Prior Learning recognition, based on a skills appraisal, is available for students with computer skills but application for PLAR must be completed by the Add/Drop date.

UNIT 101-1 (BC=1)
(42 lab hours)
Speed Building
Computer keyboard speed and accuracy building.

UNIT 102-4 (BC=4)
(60 hours)
Medical Terminology
Using and interpreting medical terminology, abbreviations and symbols commonly used in the health care system.

UNIT 103-4 (BC=4)
(60 hours)
Processing Medical Orders
The process of transcribing medical orders using the required forms, manuals and requisitions.
Prerequisite: UNIT 102

UNIT 105-2 (BC=2)
(145 hours)
Preceptored Practice
Experience in a health care setting with a Unit Clerk preceptor.
Prerequisites: Unit Clerk 100, 101, 102, 103, 106, 107

UNIT 106-6 (BC=6)
(90 hours) 12 weeks
Exploring the Role of the Unit Clerk
Concepts, skills and attitudes necessary to perform the role of the Unit Clerk.

UNIT 107-3 (BC=3)
(45 hours) 12 weeks
Essential Communication Skills for Unit Clerks
Develop critical oral, written and non-verbal communication skills including telephone skills.

➤ *Virtual Assistant*

VA 100-3 (BC=3)
(3-0) 15 weeks
Document Formatting
Using MS Word emphasis will be on the production of mailable correspondence, (including merge), tabulated and tabled material, basic reports, minutes, and itineraries. The focus will also be on building keyboarding speed and accuracy.

VA 110-3 (BC=3)
(3-0) 15 weeks
Communication Skills
Produce professional letters, memos, reports, and articles. Other topics covered include: Internet research, teleconferencing, networking, and telecommuting.

VA 120-3 (BC=3)
(3-0) 15 weeks
Basic Bookkeeping for a Home Business
Practical accounting procedures for a small business, including MS Excel. This basic course is not intended to train students in accounting procedures at the level necessary to offer accounting services to clients. See OADM 220 as an option for further training in accounting.

VA 130-3 (BC=3)
(3-0) 15 weeks
Starting a Virtual Assistant Business
Topics include: Business plan, marketing plan, licenses, tax laws, business equipment, setting a rate, troubleshooting office equipment. Survey of several topics that will be covered in more depth in other courses.

VA 140-3 (BC=3)
(3-0) 15 weeks
Office Management for Virtual Businesses
Topics include: Time management, developing business relationships, business ethics, handling conflicts, stress management, separating home life and business, office setup and layout of a home office, meetings and event planning.

VA 150-3 (BC=3)
(3-0) 15 weeks
Marketing Your Virtual Business
Topics include: Determine a niche, network with other Virtual Assistants, design a company web site, company image, VA associations.

VA 160-3 (BC=3)
(120 hours) 15 weeks
Virtual Practicum
Complete 120 hours of practical online experience with a business. Take part in online seminars to discuss the practicum with the practicum coordinator. Grading will be credit/non-credit.

Prerequisites: Complete all the required courses and one option course while maintaining a GPA of 2.00 with no grade lower than D.

VA 170-3 (BC=3)
(3-0) 15 weeks
Web Design
Learn the basic to advanced functions of Macromedia Dreamweaver to create web sites, including: formatting text, inserting images, creating hyperlinks, building tables and frame sets, adding multimedia content and dynamic HTML features.

➤ *Zoology*

Note: Not all courses listed may be offered. Check Course Timetable for availability.

ZOOL 325-3 (BC=4)
(3-3) 15 weeks
Comparative Anatomy of the Vertebrates
Vertebrate structure and functional significance. Chordates, origin of vertebrates, survey of vertebrate classes, early development and major systems. Emphasis is on the mammals.
Prerequisite: BIOL 218

ZOOL 342-3 (BC=3)
(3-0) 15 weeks
Animal Physiology: Intercellular Communication
Communication between cells. Functioning of the nervous and muscular system. Sensing of the environment. Hormones, regulation and action. Immunity. Examples from invertebrate and vertebrates.
Prerequisite: BIOL 217

ZOOL 350-3 (BC=4)
(3-3) 15 weeks
Survey of the Invertebrates
Systematics, functional anatomy, life cycles, distribution, evolution, and importance of major invertebrate taxa. Brief survey of minor taxa. Selected topics in invertebrate biology.
Prerequisite: BIOL 218

Career and Academic Preparation Courses

Note: You must have strong prerequisite skills to be successful in higher course levels.

Note: Some courses in our program may be taken through independent study subject to Chairperson approval.

➤ Accounting

ACCT 075-6 (BC=6)
(6-0) 15 weeks
Basic Accounting I

This course is equivalent to OADM 120.
High School Equivalent: Grade 10-11 level.

➤ Adult Development

ADEV 061-2 (BC=2)
15 weeks

Work Place Learning

Learners will complete a combination of work site learning and/or volunteerism and instructional modules designed to meet individual needs on a continuum of pre-employment skills to workplace experience. Prerequisite or Co-requisite: ADEV 040 or ADEV 062 or consent of the Department.

ADEV 062-3 (BC=3)
(3-0) 15 weeks

Learning and Working Cultures

Learners will participate in a variety of activities to assist them to experience and understand the culture of learning and working. Activities may include: portfolio development, career exploration, work place ethics, learning strategies.

ADEV 063-2 (BC=2)
15 weeks

Occupational Elements

This course allows learners to contract to complete learning experiences which result in certifications such as First Aid and WHMIS that will increase readiness for immediate employment.

Note: May not be offered every year.

ADEV 065-3 (BC=3)
(3-0) 15 weeks

Essential Skills for Learning and Working I

Learners will complete modules based on assessed individual needs in the areas of: Building Personal Capacity, Planning and Managing, Interacting and Communicating. Prerequisite: ADEV 062

ADEV 066-3 (BC=3)
15 weeks

Essential Skills for Learning and Working II

Learners will complete additional modules based on assessed individual needs in the areas of: Building Personal Capacity, Planning and Managing, Interacting and Communicating.

Prerequisite: ADEV 065
Note: May not be offered every year.

ADEV 067-3 (BC=3)
15 weeks

Essential Skills for Learning and Working III

Learners will complete additional modules based on assessed individual needs in the areas of: Building Personal Capacity, Planning and Managing, Interacting and Communicating.

Prerequisite: ADEV 066
Note: May not be offered every year.

ADEV 068-1 (BC=1)
(0-1-0) 15 weeks

Supported Study

Learners will participate in a systematic approach to study activities, taking advantage of various resources. Study and learning strategies will include formal and informal activities and resources such as student study groups, instructor consultation, Learning Resource Center, Computer Lab, Counselling & Learning Support. Learners will be responsible for planning and recording their plans and activities.

Note: Check with Office 1809 for the forms to record study time.

ADEV 069-2 (BC=2)
(0-2-0) 15 weeks

Supported Study

Learners will participate in a systematic approach to study activities, taking advantage of various resources. Study and learning strategies will include formal and informal activities and resources such as student study groups, instructor consultation, Learning Resource Center, Computer Lab, Counselling & Learning Support. Learners will be responsible for planning and recording their plans and activities.

Note: Check with Office 1809 for the forms to record study time.

➤ Biology

BIOL 075-4 (BC=4)
(4-1) 15 weeks

Introductory Biology

For students with no biology background. Includes basic cell chemistry and cell function; genetics and evolution; classification of living things. Lab work is related to class discussion and gives you practical experience in a lab setting.

High School Equivalent: Grade 10-11 level
Prerequisite: ENGL 075 or English 10
Co-requisite: ENGL 075

BIOL 095-6 (BC=6)
(5-2) 15 weeks

Preparatory Biology

Principles of human anatomy and physiology. Basic environmental biology. This course will prepare you for more advanced studies in biology. Lab work is related to class discussions, and allows you to improve certain biology lab skills. A strong background in basic chemistry recommended.

High School Equivalent: Grade 12 level
Prerequisite: BIOL 075 or Biology 20 (Alberta)

➤ **Chemistry**

Note: You need a lab coat and safety glasses to take part in chemistry labs. You can buy these items at the Bookstore. Please note that contact lenses are not allowed in the laboratory.

CHEM 075-4 (BC=4)

(4-1) 15 Weeks

Introductory Chemistry

For students with no chemistry background. Elements and the periodic table. Chemical bonding. Nomenclature. Chemical reactions. Stoichiometry. Lab work is related to class discussions.

High School Equivalent: Grade 10-11 level
Prerequisite or Co-requisite: MATH 075, Math 10, Math 10 (Pure) or Math 23.

CHEM 095-6 (BC=6)

(5-0-2) 15 weeks

Preparatory Chemistry

For students with previous study in bonding, nomenclature, and stoichiometry. Gases. Solutions. Energy. Electrochemistry. Equilibrium. Acids and Bases. Lab work is related to class discussions.

High School Equivalent: Grade 12 level
Prerequisite: CHEM 075 or Chem 20, and MATH 075 or Math 10.

➤ **Computers**

BCMT 050-4 (BC=4)

(3-2) 15 weeks

Basic Computer Skills

For students who have very minimal computer skills. An introduction to practical basic computer skills including using windows, keyboarding, word processing, and using Internet e-mail. A hands-on integrated approach designed for the apprehensive computer beginner.

CMPT 073-1 (BC=1)

Intermediate Keyboarding II

See page 137 for course description.

CMPT 085-4 (BC=4)

(3-2) 15 weeks

Introduction to Personal Computers

See page 137 for course description.

CMPT 090-4 (BC=4)

(3-2) 15 weeks

Information Processing Using Microcomputers

See page 137 for course description.

➤ **English**

ENGL 050-5 (BC=5)

(4-2S) 15 weeks

Basic English

For students who have been away from school for some time. This course is designed to develop reading, comprehension and vocabulary skills and to develop writing skills. It provides a basic introduction to literature.

ENGL 075-5 (BC=5)

(5-0) 15 weeks

Reading, Viewing and Composition

Introduction of major literary genre. Development of critical and analytical reading and viewing skills. Presentation of responses to text in written and oral form. Development and improvement of writing skills, including grammar study. Introduction to research and documentation.

High School Equivalent: Grade 11 level
Prerequisite: ENGL 050 or consent of the Department.

ENGL 090-5 (BC=5)

(5-0) 15 weeks

Critical and Analytical Study of Texts

Read and respond to non-fiction, poetry, short and long fiction, and drama. Respond critically and analytically to non-print texts such as short films, video clips, documentaries, etc. Employ grammatical structures to demonstrate increasingly sophisticated writing style. Expand and polish research skills.

High School Equivalent: ELA 30-2
Prerequisite: ENGL 075, English 20-1, ELA 20-2, English 23 or consent of the Department.

ENGL 095-5 (BC=5)

(5-0) 15 weeks

Literature and Composition

The major literary forms of prose, drama, and poetry. Critical and analytical reading. Essay writing to develop clear, concise effective arguments.

High School Equivalent: Grade 12 level
Prerequisite: English 20, ELA 20-1, ENGL 090, ELA 30-2 or consent of the Department.

➤ **Mathematics**

Note: Students who have been out of high school for one year or more and needing a mathematics course in the Career and Academic Preparation program will be required to be tested prior to placement. Please book for your test by calling 342-3400 or 343-4026.

MATH 050-5 (BC=5)

(5-0) 15 weeks

Preparatory Mathematics

A basic mathematics course for students requiring algebra or applied mathematics. Operations on rational numbers; introduction to statistics; Metric and English measurement; geometry in 1, 2 & 3 dimensions; introduction to algebra; and solving equations.

MATH 075-5 (BC=5)

(5-0) 15 weeks

Introductory Algebra

An introductory course for students requiring algebra. Topics include; polynomials and factoring; linear equations and their graphs; solving equations and inequalities; problem solving; geometry; and trigonometry.
Prerequisite: MATH 050, Math 13 or Math 10 Prep

MATH 085-5 (BC=5)

(5-0) 15 weeks

Intermediate Algebra

An intermediate course for students requiring algebra. Topics include: functions, relations and graphing; systems of equations; radicals and their properties; rational expressions; quadratic equations and functions; and selected topics from trigonometry.
Prerequisite: MATH 075, Math 10 Pure, or Math 23 or 33

MATH 096-6 (BC=6)
(6-0) 15 weeks
Precalculus: Algebra & Trigonometry

A senior math course. Topics include: quadratic functions; polynomial and rational functions; logarithmic and exponential functions; trigonometric functions; sequences and series; permutations and combinations. Problem solving methods will be emphasized.

Prerequisite: MATH 085 or Math 20 Pure

MATH 097-5 (BC=5)
(5-0) 15 weeks
Elementary Calculus and Modern Mathematics

A senior course recommended for students who will be taking university calculus courses. Calculus topics include: limits and continuity; derivatives; graphing; applications of derivatives; integration; applications of integration. Topics in modern mathematics will be chosen from the mathematics of social choice, management science, growth and symmetry.

High School Equivalent: Math 31

Prerequisite: MATH 096 or Math 30 (Pure)

Corequisite: Math 096 or Math 30 (Pure)

Note: Students with an applied mathematics background from high school will be required to upgrade according to the results of their math placement test.

➤ **Music**

MUSI 192-3 (BC=3)
(3-0) 15 weeks
Rudiments of Music Theory and Aural Skills

For students with little or no formal music theory and aural skills background who have interest in these basics of music, or who are preparing to enter the Music Diploma program. Designed to acquire a basic working knowledge in traditional theory: notation, scales, key and time signatures, intervals, terminology, reading, identification by ear and by sight of melodies, rhythms and harmonies. Will prepare prospective students for entrance into Red Deer College's Music Diploma program.

➤ **Physics**

PHYS 075-4 (BC=4)
(4-1) 15 weeks
Introductory Physics

Measurement, data analysis, SI units. Heat applications. Pressure, fluids, buoyancy. Waves, sound, light and optics. Lab and project work related to classroom concepts. High School Equivalent: Grade 10-11 level
 Prerequisite: MATH 075, Math 10 or 23 or consent of the Department.

PHYS 095-6 (BC=6)
(5-0-2) 15 weeks
Preparatory Physics

Measurement and data analysis review. Linear and 2-dimension motion. Vectors with applications; statics and dynamics. Gravity, work & energy. Electricity and magnetism theory and application.

High School Equivalent: Grade 12 level.

Prerequisite: Physics 20 or PHYS 075, and MATH 085 or Math 20 (Pure) or Math 30 (Applied) or consent of the Department.

➤ **Science**

SCIE 050-5 (BC=5)
(5-0) 15 weeks
Basic Science

Basic scientific theories and principles in biology, chemistry and physics. Includes a discussion of the structure of matter, chemical reactions, energy and motion, heat, water, living things, ecology and human body systems. This course will prepare you for high school level sciences and is highly recommended.

Note: May not be offered every semester

➤ **Social Studies**

SOST 090-5 (BC=5)
(5-0) 15 weeks
Canadian Studies

Explores multiple perspectives on globalization and the impact of globalization on identity, economies, and quality of life. This course also explores the complexities of nationalism, including Canadian and international contexts. The origins of nationalism and its influence globally, regionally, and internationally are also considered. Ideologies are also considered as they relate to contemporary global issues. High School Equivalent: Social Studies 20-2/30-2

Prerequisite or Co-requisite: English 75 or ELA 20-2, or consent of Department.

SOST 095-5 (BC=5)
(5-0) 15 weeks
Twentieth Century World

Two major topics: political and economic systems, and cooperation and conflict in the twentieth century. The development of the ideologies of fascism, socialism, communism, and capitalism. Major conflicts of the twentieth century, including WWI and WWII.

High School Equivalent: Grade 12 level

Prerequisite: SOST 085 or Social Studies 20 or consent of the Department.

Prerequisite or Co-requisite: ENGL 095 or ELA 30-1, or ELA 30-2 or consent of the Department.

Adult Basic Education Courses

► Canadian Studies

CAST 050-5 (BC=5)

(5-0) 15 weeks

Canadian Studies

Students will focus on citizenship and becoming involved citizens. Skills relevant to employability, job success, and personal management will be covered. Topics may include problem-solving, conflict resolution, teamwork, and critical thinking in the workplace.

Note: Available at Rocky Mountain House campus only.

► Mathematics

MATH 038-5 (BC=5)

(5-0) 15 weeks

Basic Math

Basic skills in adding, subtracting, multiplying and dividing whole numbers, plus an introduction to fractions.

Note: May not be offered every year

MATH 039-5 (BC=5)

(5-0) 15 weeks

Basic Math

Understanding fractions, decimals, geometry, measurement.

MATH 040-5 (BC=5)

(5-0) 15 weeks

Basic Math

A review of fractions and whole numbers, plus concentration on decimals, percent, ratio and proportion, measurement, and graphing.

► Reading

READ 038-5 (BC=5)

(5-0) 15 weeks

Basic Reading

A structured reading course which provides basic reading skills and improves vocabulary. Students entering this level may have limited reading skills.

Note: May not be offered every year

READ 039-5 (BC=5)

(5-0) 15 weeks

Basic Reading

Students will read a variety of materials more fluently. Vocabulary development and reading comprehension are stressed.

Note: May not be offered every year

READ 040-5 (BC=5)

(5-0) 15 weeks

Basic Reading

Increased focus on improving reading skills, enriching vocabulary and developing critical thinking skills. Students entering this level are reasonably fluent readers.

► Writing

WRIT 038-5 (BC=5)

(5-0) 15 weeks

Basic Writing

Sentences, simple paragraphs, spelling, and phonics. Students entering this level may have limited writing skills.

Note: May not be offered every year

WRIT 039-5 (BC=5)

(5-0) 15 weeks

Basic Writing

Sentence construction and paragraphs, spelling rules and strategies, journal writing. Introduction to grammar.

Note: May not be offered every year

WRIT 040-5 (BC=5)

(5-0) 15 weeks

Basic Writing

Concentration is now focused on writing clearly and confidently to prepare for further studies or employment. Includes a study of grammar.

► GED & PreTrades

ABES 043-5 (BC=5)

(5-0) 15 weeks

PreTRADES

Trades math, applied physics, and English necessary for passing the trade entrance examination administered by Alberta Career Development (excludes electrical).

Prerequisite: MATH 040 and ENGL 040 or equivalent.

Series Visual Arts Summer School

ARTX 101-1

(30 hours) 1 week
Introductory Drawing

Basic theory and practice of drawing.

ARTX 102-1

(30 hours) 1 week
Landscape Drawing

Theory and practice of drawing the landscape.

ARTX 103-1

(30 hours) 1 week
Design

Theory and practice of design and visual communication.

ARTX 104-1

(30 hours) 1 week
Functional Design

Theory and practice of designing functional objects.

ARTX 105-1

(30 hours) 1 week
Three Dimensional Design

Theory and practice of three dimensional design.

ARTX 106-1

(30 hours) 1 week
Intermediate Drawing

Theory and practice of drawing with an emphasis on developing more advanced skills.

ARTX 107-1

(30 hours) 1 week
Expressive Drawing

Theory and practice of drawing with an emphasis on development of a personal drawing style.

ARTX 108-1

(30 hours) 1 week
Figure Drawing

Theory and practice of drawing the human figure.

ARTX 109-1

(30 hours) 1 week
Anatomical Drawing

Theory and practice of anatomical drawing

ARTX 110-1

(30 hours) 1 week
Mixed Media Drawing

An introduction to the theory and practice of mixed media drawing.

ARTX 111-1

(30 hours) 1 week
Introductory Painting

A perceptual approach to painting.

ARTX 112-1

(30 hours) 1 week
Still Life Painting

Theory and practice of painting still life.

ARTX 113-1

(30 hours) 1 week
Exploring Painting Media

An introduction to a variety of painting media.

ARTX 114-1

(30 hours) 1 week
Approaches to Painting

An exploration of various approaches to painting.

ARTX 115-1

(30 hours) 1 week
Intermediate Landscape Painting

Developing more advanced landscape drawing skills.

ARTX 116-1

(30 hours) 1 week
Painting on Location

Theory and practice of painting in an off-campus setting.

ARTX 117-1

(30 hours) 1 week
Portrait Painting

Theory and practice of portrait painting.

ARTX 118-1

(30 hours) 1 week
Figure Painting

Theory and practice of painting the human figure.

ARTX 119-1

(30 hours) 1 week
Introductory Watercolour Painting

Basic theory and practice of watercolour painting.

ARTX 120-1

(30 hours) 1 week
Intermediate Watercolour Painting

Developing more advanced watercolour painting skills.

ARTX 121-1

(30 hours) 1 week
Introductory Wheelthrowing

Basic theory and practice of using the potter's wheel.

ARTX 122-1

(30 hours) 1 week
Basic Handbuilding Techniques

An introduction to sculpture processes using clay.

ARTX 123-1

(30 hours) 1 week
Surface Treatments for Ceramic Sculpture

An introduction to surface treatments for ceramic sculpture.

ARTX 124-1

(30 hours) 1 week
Introduction to Ceramic Tile Making

Basic theory and practice of ceramic tile making.

ARTX 125-1

(30 hours) 1 week
Introductory Raku

Basic theory and practice of the raku ceramic firing process.

ARTX 126-1

(30 hours) 1 week
Mold Making for Slip Casting

Theory and practice of making molds for ceramic slip casting.

ARTX 127-1
(30 hours) 1 week
Clay Modelling
 Introduction to the process of clay modelling.

ARTX 128-1
(30 hours) 1 week
Ceramic Sculpture
 Sculptural process using clay.

ARTX 129-1
(30 hours) 1 week
Low Fire Glazing
 Theory and practice of low fire ceramic glazing.

ARTX 130-1
(30 hours) 1 week
High Fire Glazing
 Theory and practice of high fire ceramic glazing.

ARTX 131-1
(30 hours) 1 week
Wood Fire Glazing
 Theory and practice of the wood firing process for ceramics.

ARTX 132-1
(30 hours) 1 week
Creative Glazing
 Emphasizing design and creativity in the application of ceramic glazes.

ARTX 133-1
(30 hours) 1 week
Intermediate Raku
 Development of personal style and creativity using the Raku Ceramic Firing process.

ARTX 134-1
(30 hours) 1 week
Advanced Tilemaking
 Theory and practice of more advanced techniques of ceramic tilemaking.

ARTX 135-1
(30 hours) 1 week
Intermediate Wheelthrowing
 Emphasis is on refining techniques of throwing and developing more complex forms on the potter's wheel.

ARTX 136-1
(30 hours) 1 week
PaperClay for Ceramic Sculpture
 The sculptural process using paperclay.

ARTX 137-1
(30 hours) 1 week
Advanced Functional Wheelthrowing
 Studio bases. The development of complex functional forms on the potter's wheel.

ARTX 138-1
(30 hours) 1 week
Advanced Wheelthrowing
 Studio bases. Focussing on form and function.

ARTX 139-1
(30 hours) 1 week
Ceramic Form and Surface
 Emphasis on refining personal imagery using advanced techniques of ceramic construction and surface design.

ARTX 140-1
(30 hours) 1 week
Introductory Sculpture
 An introduction to the sculptural process.

ARTX 141-1
(30 hours) 1 week
Figure Sculpture
 Theory and practice of sculpting the human figure.

ARTX 142-1
(30 hours) 1 week
Sculpting the Head
 Theory and practice of sculpting the human head.

ARTX 143-1
(30 hours) 1 week
Rubber Mold Making
 Theory and practice of making rubber molds for bronze casting.

ARTX 144-2
(60 hours) 2 weeks
Bronze Casting
 Theory and practice of the lost wax method of bronze casting.

ARTX 145-1
(30 hours) 1 week
Patina Workshop
 An introduction to the patination process for metals.

ARTX 146-2
(60 hours) 2 weeks
Sculpting the Body
 Theory and practice of sculpting the human body, including skeletal structures and musculature.

ARTX 147-1
(30 hours) 1 week
Etching
 Basic theory and practice of the etching process.

ARTX 148-1
(30 hours) 1 week
Monotype Printmaking
 Basic theory and practice of monotype printmaking.

ARTX 149-1
(30 hours) 1 week
Plastercast Printmaking
 Basic theory and practice of Plastercast Printmaking.

ARTX 150-1
(30 hours) 1 week
Japanese Woodcut Printmaking
 Basic theory and practice of the process of Japanese woodcut printmaking.

ARTX 151-1
(30 hours) 1 week
Wood Engraving
 Basic theory and practice of wood engraving.

ARTX 152-1
(30 hours) 1 week
Collography
 An introduction to the theory and practice of collography.

ARTX 153-1
(30 hours) 1 week
Relief Printmaking
 An introduction to the process of relief printmaking using linocuts.

ARTX 154-1
(30 hours) 1 week
Introductory Glassblowing
 Basic theory and practice of glassblowing.

ARTX 155-1
(30 hours) 1 week
Introductory Hand Bookbinding
 Basic theory and practice of hand bookbinding.

ARTX 156-1

(30 hours) 1 week

Traditional Hand Bookbinding

Basic theory and practice of hand bookbinding using traditional methods.

ARTX 157-1

(30 hours) 1 week

Hand Formed Metal

Basic theory and practice of hand raising metal.

ARTX 158-1

(30 hours) 1 week

Fabric Techniques

An introduction to the theory and practice of surface design on fabric.

ARTX 159-1

(30 hours) 1 week

Metal Casting

Basic theory and practice of casting metal for jewellery making.

ARTX 160-1

(30 hours) 1 week

Intermediate glassblowing

Theory and practice of more advanced techniques of glassblowing.

ARTX 161-1

(30 hours) 1 week

Glass Sculpture

The sculptural process using hot glass.

ARTX 162-1

(30 hours) 1 week

Intermediate Hand Bookbinding

Theory and practice of more advanced techniques including non-adhesive bookbinding.

ARTX 163-1

(30 hours) 1 week

Advanced Jewellery Techniques

Refinement of techniques and development of personal styles through the creative process.

ARTX 164-1

(30 hours) 1 week

Intermediate Silk Dyeing

Theory and practice of silk dyeing using traditional Japanese techniques.

ARTX 165-1

(30 hours) 1 week

Fashion Design

An introduction to basics of fashion design including pattern making, cutting and construction.

ARTX 166-1

(30 hours) 1 week

Paper Marbelling

Theory and practice of Japanese and European techniques of paper marbelling.

ARTX 167-1

(30 hours) 1 week

Stained Glass

A studio based class in the basic techniques of stained glass, including copper foil and lead construction methods.

ARTX 168-1

(30 hours) 1 week

Glass Fusing

An introduction to the techniques of kiln fired glass.

ARTX 169-1

(30 hours) 1 week

Hand Papermaking

The theory and practice of hand papermaking emphasizing technique and creativity.

ARTX 170-1

(30 hours) 1 week

Quilting

The design and construction of quilts, including colour theory, stitching techniques and historical references.

ARTX 171-1

(30 hours) 1 week

Weaving

Theory and practice of weaving.

ARTX 172-1

(30 hours) 1 week

Photography

Fundamental technical and aesthetic aspects of using the camera and photographic materials.

ARTX 173-1

(30 hours) 1 week

Furniture Making

Studio based introduction to the design and construction of contemporary furniture.



The Web version
is the official
Academic
Calendar



Go to...

[www.rdc.ab.ca/
programs_and_courses](http://www.rdc.ab.ca/programs_and_courses)

International Learning Opportunities



Part of RDC's Internationalization Strategy is to foster international awareness and understanding. Courses appearing contain a significant international component or are offered in an international setting.

ART 201-3 (BC=3)

(3-0) 15 weeks

Art History I

A survey of Art History from Prehistoric to Renaissance.

ART 203-3 (BC=3)

(3-0) 15 weeks

Art History II

A survey of Art History from Renaissance to modern.

ART 301-3 (BC=3)

(3-0) 15 weeks

Art History

Forms and concepts in art and architecture in Canada. Early French and English colonial periods to Confederation.

ART 303-3 (BC=3)

(3-0) 15 weeks

Art History

Forms and concepts in Canadian art and architecture from Confederation to modern. The Group of Seven, Nationalism, Regionalism, and more recent development.

ART 305-3 (BC=3)

(3-0) 15 weeks

Art History

European painting, sculpture, and architecture. The nineteenth century to the end of Impressionism.

ART 306-3 (BC=3)

(3-0) 15 weeks

Art History

Painting, sculpture, and architecture. From the end of Impressionism, through the early art movement of the 20th century, to the 1950's.

ECON 201-3 (BC=3)

(3-0) 15 weeks

Introduction to Microeconomics

Scarcity and choice. Methods used in economic science. Specialization, markets, and exchange. Supply and demand. Roles of consumers, firms, and resource owners in competitive and monopolistic markets. International trade. Government intervention. Emphasis is on Canadian problems, issues, policies, and institutions.

Credit will not be granted for both ECON 100 and 201.

Note: It is recommended that you have Math 30 or equivalent as background.

ECON 202-3 (BC=3)

(3-0) 15 weeks

Introduction to Macroeconomics

Defining and measuring aggregate economic variables. National income and monetary theory. Government monetary and fiscal policies. Unemployment and inflation. Exchange rates and balance of payment. Emphasis is on the Canadian economy.

Prerequisite: ECON 201

Credit will not be granted for both ECON 101 and 202.

ECON 323-3 (BC=3)

(3-0) 15 weeks

International Economics

Emphasis is on basic international trade theories and policies. Gains from exchange and specialization. International factor movements. Theory of tariff and non-tariff barriers. Exchange rates. Balance of payments. International debt.

Prerequisite: ECON 201 and 202.

ECON 337-3 (BC=3)

(3-0) 15 weeks

Development Economics

An introduction to the economic development process in developing nations. Analysis will include explanations for underdevelopment and examination of issues such as poverty, employment, income distribution, population growth, human capital, savings and investment, trade, foreign aid, and the role of markets and governments.

Prerequisite: ECON 201 and 202 or consent of the Department.

ECON 382-3 (BC=3)

(3-1) 15 weeks

Intermediate Macroeconomic Theory

Determination of income, employment, prices, interest rates, exchange rates and balance of payments. Impact of supply shocks, fiscal policy and monetary policy.

Prerequisite: ECON 201 and 202.

ENGL 391-3 (BC=3)

(3-0) 15 weeks

Topic In International Literature

The focus of this course, while its content will vary from year to year, will be on literature written in English outside of Canada, Great Britain, and the United States. Students may study work from a particular geographic region - e.g., Africa, the Indian Subcontinent, the Caribbean, Australasia - or they may study particular issues in the field of post-colonial literature.

Prerequisite: Full year of 200-level English.

Note: This course may be repeated for credit.

ENGL 392-6 (BC=6)

(3-0) 30 weeks

International English Literature

The focus of the course will be on literatures written in English outside of Canada, Great Britain, and the United States, encompassing representative works from several areas such as Africa, Australasia, the Caribbean, and the Indian subcontinent.

Prerequisite: Full year of 200-level English

HIST 311-6 (BC=6)

(3-0) 30 weeks

International Relations in the 20th Century

The impact of ideologically based foreign policies on international relations since World War I.

HIST 314-3 (BC=3)

(3-0) 15 weeks

Europe in the Era of the World Wars, 1900-1945

The course begins with an analysis of Europe's predominant political, economic and cultural position in the world at the beginning of the twentieth century, and proceeds to explore

the origins, and conduct of World War I. War aims and the revolutionary consequences of defeat will be explored. Special attention will be given to the Russian and German Revolutions of 1917-1923, and the Peace Treaties which resulted from the Paris Peace Conference. The challenges presented by the "New Sciences", and the "new" political ideologies of Fascism, and the economic crisis of the 1930s will be examined, as will be the efforts to dismantle the Paris Peace Settlements of 1919. The course concludes with an examination of World War II, the Holocaust and the destruction of Europe.

HIST 315-3 (BC=3)

(3-0) 15 weeks

Europe in the Era of the Cold War, 1942-1991

The course commences with a discussion of World War II in Europe, and the breakdown of the wartime coalition, which defeated Germany, i.e. from Hot War to Cold War 1942-1949. Efforts at economic and social reconstruction of Eastern and Western Europe, and the Conservative Democracies in the West, the Soviet Bloc after Stalin, the loss of colonial empire, achieving prosperity. The European Common Market, and the "Paris" and "Prague Springs of 1968", the Brezhnev Era, the 1980s as a new political era in Europe, Gorbachev Experiment and the Revolution of 1989.

HIST 349-6 (BC=6)

(3-0) 30 weeks

The British Empire and Commonwealth

The analysis of British Imperialism from the Old to the New Empires to the establishment of the Commonwealth. This course treats imperialism as a dialectic and examines the process from the point of view of both the imperial and host nations. Emphasis is placed on India, the West Indies, North America and Africa. The course is a combination of seminar and lecture.

INTD 370-3 (BC=3)

(3-0-0) 15 weeks

Survey on International Health

Overview of international health issues and organization using primary health care principles to look at major global health issues and the provision of health care in middle and lower income countries. (International studies course administered through the

Nursing Department).

Prerequisites: PSYC 260 or SOCI 260 or ANTH 201 or BUS 303 or NURS 270 or NURS 272.

MUSI 383-3 (BC=3)

(3-0) 15 weeks

Music Merchandising I

A study of the business of music as pertaining to the music products industry, education, and music performance. The course provides the students with a background in, and a basic understanding of, the scope and breadth of the music industry as an ever changing and dynamic field.

Prerequisite: Second year music student or consent of Department Chair.

Note: Students who wish to attend the NAMM Winter Show are required to enroll in this course.

MUSI 384-3 (BC=3)

(3-0) 15 weeks

Music Merchandising II

A study of the business of music as pertaining to the music industry with emphasis on the performing musician. Particular emphasis will be given to issues such as booking, touring, etc.

Prerequisite: MUSI 383

POLI 360-6 (BC=6)

(3-0) 30 weeks

International Relations

The nature of foreign policy. The dynamics of interactions between states. Causes of war. Imperialism. Role of non-state actors.

Note: This is the core course in international relations and is a prerequisite for most 400-level courses.

The following courses offer the opportunity for study in an international setting:

KENYA BIOL 318-3 (BC=4)

(3-3) 15 weeks

Principles of Ecology

Ecology is the scientific study of interactions between organisms and their environment in a hierarchy of levels of organization: individuals, populations, communities, and ecosystems. The course is designed to provide a comprehensive survey of general concepts that can stand alone or serve as preparation

for advanced courses in ecology.

Laboratory exercises focus on the scientific method, experimental design, critical thinking and scientific writing.

Prerequisite: BIOL 218

KENYA ANTH 323-3 (BC=3)

(3-0) 15 week

Ethnographic Survey of Africa

Anthropology 323 will survey various groups across Africa going from traditional foraging groups through to current industrial societies in Africa.

BELIZE ZOOL 350-3 (BC=4)

(3-3) 15 weeks

Survey of the Invertebrates

Systematics, functional anatomy, life cycles, distribution, evolution, and importance of major invertebrate taxa. Brief survey of minor taxa. Selected topics in invertebrate biology.

Prerequisite: BIOL 218

In addition, the following courses have a significant international perspective:

ANTH 200, 201, 307; GEOG 251, 381; HIST 207, 208, 209, 280, 281, 301, 314, 315, 333, 334, 349, 360, 380, 383, 384; POLI 388, 389

For further information please contact the respective department Chairs or the International Education Office at (403)342-3587 or by e-mail at international@rdc.ab.ca

International Partners

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Saint Omer, France

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