

Dept	Course Number	Section Number	Course Title	Instructor	Instr Method	Days	Time	Course Description	Notes
APSC	1413	WI01	Comp Programming for APSC 1	Arnold, Paul Alexander	LEC	T;TH	9:30AM - 10:50AM	This course covers the fundamental programming principles of flow control, modularity and structured programming. The student will implement significant programs in the "C" programming language to solve a variety of engineering problems.	
APSC	2413	WI01	Engineering Economics		LEC	T;TH	4:00PM - 5:20PM	Topics of theoretical and applied economics of interest and use to engineers and professionals in related fields. Topics include market equilibria, interest rate determination, present and future values, investment criteria, budgeting and replacement analysis, depreciation, taxation, inflation, sensitivity and risk analysis, and multi-staged and multi-attribute decision making.	

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APSC	3313	WI01	Fundamentals of Process Eng	Arnold, Paul Alexander	LEC	T;TH	11:00AM - 12:20PM	This course seeks to develop the student's ability to perform mass and energy balances on reactive and non-reactive processes. Topics include the fundamental properties of multiphase systems, phase equilibrium, vapour pressure, phase rule, Raoult's and Henry's laws and colligative properties. Emphasis is placed on developing problem solving skills.	
COMP	2903	WI01	Computers and Society	Tavis Bragg	LEC	M;W	4:00PM - 5:20PM	Topics include the technical, economic, legal, political, social, ethical, and professional issues related to the widespread use of computers.	Interview with auditors prior to the beginning of classes to explain the course and get a sense of their readiness for the materials.

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EDUC	4863	WI01	Acquisition of Language	Churchill-Roe, Sharon	LEC	W	6:00PM - 9:20PM	This course introduces students to the fundamentals of linguistics: the sound system (phonetics and phonology), word system (morphology), syntax, grammar, discourse analysis, and sociolinguistics. Although it may be taken by all interested students, it is primarily designed to be taken with EDUC 4673 and EDUC 4863 of the Acadia TESOL Certificate program for those who wish to teach English as a second or foreign language.	ALL learners can participate virtually or in-class; completion of Moodle activities at their own discretion.
ENGL	1423	WI07	Writing & Reading Critically 2	Cunningham, Richard	LEC	T;TH	9:30AM - 10:50AM	This course introduces students to fiction, drama, and poetry from a range of periods. Students will develop analytical skills and learn strategies for writing clearly and persuasively.	Do the readings, speak up in class, do not submit essays assignments.

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FRAN	2003	WI01	Français, affaires	Davidson, Marina	LEC	T;TH	2:30PM - 3:50PM	Exploration du français des affaires et de l'importance économique et commerciale des régions de langue française dans le monde contemporain. Ce cours allie l'apprentissage du français spécialisé pour le milieu des affaires (commerce, finance, fiscalité, administration) à une découverte interactive de la francophonie en Europe, en Amérique du Nord et en Afrique. Cours recommandé particulièrement pour les étudiants en administration et en commerce, ou pour les futurs entrepreneurs indépendants dans le contexte canadien.	Moodle access, can mark assignmnets if desired
FRAN	2023	WI01	Français avancé, niveau 2	Davidson, Marina	LEC	T;TH	11:00AM 12:20PM	Étude systématique de la syntaxe du français écrit, lecture et analyse de textes, et une initiation à la traduction de l'anglais au français qui permettront à l'étudiant de mieux maîtriser des outils de communication pouvant se révéler utiles dans de nombreuses circonstances de la vie professionnelle.	Moodle access, can mark assignmnets if desired

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GEOL	1023	WI01	Earth Hist: Global Change	Barr, Sandra M.	LEC	M;W;F	10:30AM 11:20AM	Changes in the Earth's continents, oceans, biosphere, and atmosphere over the past 4.6 billion years. The application of understanding of the past as a key to future global changes. Other topics include mass extinctions, plate tectonics, paleomagnetism, geologic dating, mountain-building and mineral resources.	In-person
GEOL	2753	WI01	Atmosphere/Weather/Climate	Raeseide, Robert Pollock	LEC	T;W;TH	8:30AM - 9:20AM	The composition, structure, and dynamics of the atmosphere; weather, climate, and biogeographic patterns; microclimatology; paleoclimates, paleogeography, and extinctions; human effect on air quality; climate change.	The course does have a lab, that consists of classroom exercises. ALL auditors could opt not to do the lab if they wish.

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GEOL	4013	WI01	Global/North American Geol	van Rooyen, Deanne	LEC	M;W;F	9:30AM - 10:20AM	Global tectonics, processes at convergent plate margins, worldwide Phanerozoic orogenic belts and Precambrian tectonics. An integrative study of the geological evolution of North America, including stratigraphy, structural development, and Quaternary history but with an emphasis on comparative tectonic evolution of the Cordilleran, Appalachian, and Precambrian orogenic belts.	In person only - for people with some geology background, would need to discuss with instructor.
GERM	1023	WI03	German for Beginners 2	Poertner, Julia	LEC	M;W	1:00PM - 2:20PM	Students acquire basic speaking, reading and writing skills in German by using different learning tools (project work, internet and online tasks, video clips etc.). A variety of group and pair-activities combined with grammatical instruction will provide students with ample opportunity to strengthen and increase their communication skills.	In-person
GERM	2023	WI01	Intermediate German 2	Thomas, Christian Erik	LEC	M;W;F	11:30AM - 12:20PM	After a quick review of basics, new grammatical structures are introduced. Comprehension and speaking as well as writing are practiced, using as aids, texts and slides on modern Germany.	Connect with instructor before registering to assure language level.

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GERM	2923	WI01	Division and Unification	Poertner, Julia	LEC	M;W	2:30PM - 3:50PM	This course is taught in English; Reflections of German political and social history from the end of WW II to the fall of the Wall through its literature. Selected readings in this course examine Germany and Germans in the post World War II era, their retrospective interpretation of the war and their view of the place of a divided, then reunited Germany in the world.	In-person
HIST	3243	WI01	The Reformation	Rombough, Julia	LEC	M;W	2:30PM - 3:50PM	This course examines the Reformation period, uncovering the religious, social, and political tensions that shaped European and global histories (ca. 1450-1750). Focus is given to late medieval Christianity, Protestantism, Catholic Reformations, revolts and uprisings, art, gender, class, and race. The course adopts a global perspective, considering the far-reaching implications of the Reformations in Europe, Asia, Africa, and the Americas.	Auditors are welcome but must always give priority to enrolled students in class discussions, questions, etc.

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HIST	3773	WI01	Gender in Early Modern Europe	Rombough, Julia	LEC	T;TH	2:30PM - 3:50PM	This course examines histories of gender, sex, and sexuality in early modern Europe and European global encounters (1400-1700). The course emphasizes an intersectional approach, considering issues of gender, class, and race. Focus is given to histories of femininities, masculinities, and queerness while also emphasizing topics such as sexuality, colonialism, labour, religion, embodiment, and health.	Auditors are welcome but must always give priority to enrolled students in class discussions, questions, etc.
KINE	3593	WI01	Physical Activity for All	Oliver, Justin Robert	LEC	T;TH	1:00PM - 2:20PM	Designed for future Physical Education teachers, this course develops pedagogical skills that will enable PE students of all cultures, orientations, and abilities the opportunities to be active within group settings. The course explores how to make physical education more inclusive so that future PE students can showcase their culture in class and through activities.	

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MATH	1613	WI01	Gen Lin Algeb. Calc: Busi/Econ	Mendivil, Franklin	LEC	M;W;F	10:30AM 11:20AM	Linear equations and their graphs. Systems of linear equations and linear inequalities. Polynomials, exponential and logarithmic functions. Linear inequalities in two variables and graphical methods of linear programming. Derivatives and optimization. Applications to business and economics are integrated throughout the course. Emphasis is on understanding how problems are formulated mathematically and on interpretation of mathematically-expressed real-world problems.	

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MATH	2753	WI01	Multivariate Calc for Appl Sci	Mendivil, Franklin	LEC	M;W;F	11:30AM 12:20PM	This course covers the calculus of vector-valued functions and functions of several variables. Topics include: vectors, dot product, cross product, parameterized curves, arc length, differentiation and integration of vector-valued functions, partial derivatives, optimization including Lagrange Multipliers, multiple integrals, change of variables in multiple integrals, vector fields, line integrals, surface integrals, Green's, Stokes' and Divergence Theorems.	
MUSI	1823	WI01	Practising Music	Keech, Kristina Mary	LEC	T;TH	9:30AM - 10:50AM	An exploration of different practice concepts, designed to improve one's own practice habits and ultimately performance. Concepts are approached theoretically with research-based readings and resources, and applied practically through independent and collaborative learning on students' principal or secondary instruments.	Requires previous reading, listening, and/or viewing of materials before class, auditors would have to be sure to keep up with this so that they could participate fully.

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PHIL	1423	WI02	Freedom, Mind & Knowledge	Wilks, Anna	LEC	T;TH	9:30AM - 10:50AM	In this course, the student is introduced to philosophy through a series of shorter philosophical excerpts from a variety of authors and periods. The focus will be on three issues: whether humans genuinely exercise free choice, how to understand the relation between body and mind, and what constitutes human knowledge. The goal throughout is to develop skills of critical analysis and self-expression, while coming to understand some of our culture's most influential thinkers.	
PHIL	2323	WI01	Ethics in the World	Wilks, Anna	LEC	T;TH	11:00AM 12:20PM	After briefly examining some influential ethical theories, we consider how they may be applied to concrete ethical issues of current interest. Specific topics studied will vary but generally address moral problems concerning medicine, law, technology, business, the environment, gender, culture, rights, and social policy. Students will learn effective strategies for thinking deeply and critically about practical moral issues.	

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PHIL	2403	WI01	Philosophy of Religion	Wilks, Anna	LEC	T;TH	2:30PM - 3:50PM	This course addresses philosophical issues raised by traditional belief in God. Why care whether God exists? Why care whether belief in God is rational? Does the rationality of belief in God depend on the evidence for, and against, God's existence? What is the best evidence for and against? What bearing does God have on human morality?	
PHIL	2813	WI01	Logic and Critical Thinking	Wilks, Ian Leslie	LEC	M;W;F	8:30AM - 9:20AM	Introduction to logic with emphasis upon the analysis and evaluation of non-deductive reasoning.	
PHIL	3313	WI01	Philosophy of Mind	Wilks, Ian Leslie	LEC	M;W;F	10:30AM - 11:20AM	An examination of some contemporary accounts of the nature of mind and its relation to the body. Topics to be covered will include mind-body identity theory, logical behaviourism, functionalism, and the idea of personal identity.	
PHYS	1023	WI01	Introductory Physics 2	Robertson, Michael	LEC	M;W;F	9:30AM - 10:20AM	Electric and magnetic fields and modern physics. Topics include Gauss's law, electric potential, capacitors, Ohm's law, D.C. circuits, Faraday's law, inductance, and topics in modern physics.	

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PHYS	1063	WI01	General Physics 2	Kieft, Anna	LEC	M;W;F	8:30AM - 9:20AM	A continuation of PHYS 1053; a general, non-calculus introduction to physics. Topics include a continuation of waves, sound, light and optics, electricity, magnetism, fluids, thermal properties of matter, and/or modern physics. Applications from the fields of geology, biology, the health and environmental sciences are introduced as appropriate.	Instructor would like to meet with the ALL auditors individually to discuss their level of participation.

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PHYS	2213	WI01	Data Acquis/ Measument/ Control	Robertson, Michael	LEC	T;TH	9:30AM - 10:50AM	Computer based data acquisition and process control is used extensively in science and engineering. This course introduces students to the techniques required to use computers to read, store and analyze experimental data as well as controlling experiments in real time. Topics covered include a programming language, computer architecture, signal conditioning and processing, and a variety of interfacing techniques. A major component of the course is an extended project involving interfacing a computer to an experiment. A rudimentary knowledge of computer programming is recommended.	
PSYC	4073	WI01	Special Topics: Psychology of Aging	Dr. Dawn Ryan	LEC	T;TH	1:00PM - 2:20PM	The focus and instructor will vary as determined by the department. The topic matter will be of general interest and applicability to all psychology majors.	Free to participate in everything.