

AWN4M1, Grade 12, Painting

This course focuses on the refinement of students' skills and knowledge in visual arts. Students will analyse art forms; use theories of art in analysing and producing art; and increase their understanding of stylistic changes in Western art, Canadian (including Native Canadian) art, and art forms from various parts of the world. Students will produce a body of work demonstrating a personal approach.

This course covers the study of painting techniques, materials, processes and image making in various media: water colour, gouache and acrylics. A large part of the program also studies the history of painting through chronological analysis as well as individual projects.

BDI 3C1, Grade 11, Entrepreneurship: The Venture, - College Preparation

This course focuses on ways in which entrepreneurs recognize opportunities, generate ideas, and organize resources to plan successful ventures that enable them to achieve their personal goals. Students will create a venture plan for a student-run school-based or summer business. Through hands-on experiences, students will have opportunities to develop the values, traits, and skills most often associated with successful entrepreneurs.

BOG4E1, Grade 12, Business Leadership: Becoming a Manager

This course helps students prepare for managerial positions in their future careers. Students will focus on the development of core skills required to become a successful manager, including operations management, inventory control, marketing, financial planning, scheduling, and communication. Students will also explore the management challenges of hiring, training, and motivating employees, and complying with legal requirements.

CHV 2O9, Grade 10, Open – Civics

½ Credit

This course explores what it means to be an informed, participating citizen in a democratic society. Students will learn about the elements of democracy and the meaning of democratic citizenship in local, national, and global contexts. In addition, students will learn about social change, examine decision-making processes in Canada, explore their own and others' beliefs and perspectives on civics questions, and learn how to think and act critically and creatively about public issues.

ENG 3C1, Grade 11 - English, College Preparation

Prerequisite: Grade 10 English, Applied.

This course emphasizes the development of literacy, critical thinking, and communication skills. Students will study the content, form and style of informational texts and literary works from Canada and other countries; write reports, correspondence, and persuasive essays; and analyse media forms, audiences, and media industry practices. An important focus will be on establishing appropriate voice and using business and technical language with precision and clarity.

ENG 3U1, Grade 11 - English, University Preparation

Prerequisite: English, Grade 10, Academic

This course emphasizes the development of literacy, critical thinking, and communication skills. Students will analyse challenging texts from various periods; conduct research and analyse the information gathered; write persuasive and literary essays; and analyse the relationship among media forms, audiences, and media industry practices. An important focus will be on understanding the development of the English language.

ENG 4C1, Grade 12 - English, College Preparation

Prerequisite: Grade 11 English, University or College.

This course emphasizes consolidation of literacy, critical thinking and communication skills. Students will analyse informational texts and literary works from various time periods, countries, and cultures; write research reports, summaries, and short analytical essays; complete an independent study project; and analyse the interactions among media forms, audiences, and media industry practices. An important focus will be on establishing appropriate style and using business and technical language effectively.

ENG 4U1, Grade 12 - University Preparation

Prerequisite: Grade 11 English, University Preparation

This course emphasizes consolidation of literacy, critical thinking, and communication skills. You will analyse a range of challenging texts from various time periods, countries, and cultures; write analytical and argumentative essays and a major paper for an independent research project; and apply key concepts to analyse media works. An important focus will be on understanding academic language and using it coherently and confidently in discussion and argument.

OLC 4O1, Grade 12 –Ontario Secondary School Literacy Course, Open

This course is designed to help students acquire and demonstrate the cross-curricular literacy skills that are evaluated by the Ontario Secondary School Literacy Test. Students who complete the course successfully will meet the provincial literacy requirement for graduation. Students will read a variety of informational, narrative, and graphic texts and will produce a variety of forms of writing, including summaries, information paragraphs, opinion pieces, and news reports. Students will also maintain and manage a literacy portfolio containing a record of their reading experiences and samples of their writing.

GLC 209, Grade 10, Open – Career Studies

½ Credit

This course teaches students how to develop and achieve personal goals in education and work and contribute to their communities. Student learning will include assessing their own knowledge, skills, characteristics and investigating economic trends, workplace organization, work opportunities, and ways to search for work. The course explores post secondary learning options, prepares students for community-based learning, and helps them build the capabilities needed for managing work and life transitions. Students will design action plans for pursuing their goals.

HHS 4M1, Grade 12 - Individuals and Families (University/College Preparation) in a Diverse Society

Prerequisite: Any Grade 11 or 12 College Preparation Course in Canadian & World Studies, English or Social Studies & Humanities.

This course applies current theories and research from the disciplines of anthropology, psychology, and sociology to the study of individual development, family behaviour, intimate and parent-child relationships, and the ways in which families interact within the diverse Canadian society. Students will learn the interpersonal skills required to contribute to the well-being of families, and the investigative skills required to conduct and evaluate research about individuals and families.

MCR 3U1, Grade 11 - Functions and Relations, University Preparation

Prerequisite: Principles of Mathematics, Grade 10, Academic

This course introduces some financial applications of mathematics, extends students' experiences with functions, and introduces second-degree relations. Students will solve problems in personal finance involving applications of sequences and series; investigate properties and applications of trigonometric functions; develop facility in operating with polynomials, rational expressions, and exponential expressions; develop an understanding of inverses and transformations of functions; and develop facility in using function notation and in communicating mathematical reasoning. Students will also investigate loci and the properties and applications of conics.

MAP 4C1, Grade 12 - College and Apprenticeship Mathematics, College Preparation

Prerequisite: Grade 11 Math, University or University/College or College.

This course equips students with the mathematical knowledge and skills they will need in many college programs. Students will use statistical methods to analyse problems; solve problems involving the application of principles of geometry and measurement to the design and construction of physical models; solving problems involving trigonometry in triangles; and consolidate their skills in analyzing and interpreting mathematical models.

MCT 4C1, Grade 12 - Mathematics for College Technology, College Preparation

Prerequisite: Functions, Grade 11, University/College Preparation (or Functions and Relations, Grade 11, University Preparation)

This course equips students with the mathematical knowledge and skills needed for entry into college technology programs. Students will investigate and apply properties of polynomial, exponential, and logarithmic functions; solve problems involving inverse proportionality; and explore the properties of reciprocal functions. They will also analyse models of a variety of functions, solve problems involving piecewise-defined functions, solve linear-quadratic systems, and consolidate key manipulation and communication skills.

MHF 4U1, Grade 12 – Advanced Functions, University Preparation

Functions, MCR3U or Mathematics for College Technology, MCT4U

This course extends students' experience with functions. Students will investigate the properties of polynomial, rational, logarithmic, and trigonometric functions; develop techniques for combining functions; broaden their understanding of rates of change; and develop facility in applying these concepts and skills. Students will also refine their use of the mathematical processes necessary for success in senior mathematics. This course is intended both for students taking the Calculus and Vectors course as a prerequisite for a university program and for those wishing to consolidate their understanding of mathematics before proceeding to any one of a variety of university programs.

HRT 3M1, Grade 11 - World Religions: Beliefs, Issues and Religious Traditions (University/College)

Prerequisite: HRE 2OU

This course enables students to discover what others believe and how they live, and to appreciate their own unique heritage. Students will learn about the teaching and traditions of a variety of religions, the connections between religion and the development of civilizations, the place and function of religion in human experience and the influence of a broad range of religions on contemporary society. Student learning will include the Catholic Church's teachings on ecumenism and interfaith dialogue, a historical overview of the Church's relationship with various religions and the Family Life Education topics of personhood, family relationships and sexuality. This course also introduces students to skills used in researching and investigating world religions.

HRF 3O1, Grade 11 – World Religions: Beliefs and Daily Life

This course introduces students to the range and diversity of world religions, and examines how systems of belief affect individual lives and social relationships. Students will learn about a variety of religious beliefs, teachings, traditions, and practices. The course also helps students to develop skills used in researching and investigating topics related to world religions.

HRE 4O1, Grade 12 - Church And Culture (Open)

This course assists students in their development of the skills and knowledge necessary to live lives of full maturity. Within the Catholic faith tradition, it is believed that this growth towards human maturity is best served when students are able to define themselves authentically in relation to their God, to other people and to their world. In the Family Life Education strand, students explore a variety of topics related to the themes of personhood, interpersonal relationships and sexuality.

Students will demonstrate a knowledge of the prophetic tradition in Scripture, become familiar with the social teachings of the Catholic Church, explore contemporary notions of spirituality and prayer, and recognize the importance, power, and potential of the human person in relation to morality and personal choices concerning future life paths.

HRE 4M1, Church and Culture (HRE4M), Grade 12, University/College Preparation

This course is directed toward the clear identification of Catholic moral principles and the concrete application of these principles in the lives of students. The course proceeds from foundational beliefs rooted in Sacred Scripture concerning justice and peace to an exploration of the principles that shape Christian life. In the Family Life Education strand, students explore a variety of topics related to the themes of personhood, interpersonal relationships and sexuality. Special attention is given to the interaction between the Church and culture. The modern world is characterized by a multiplicity of values, philosophies, and ideologies. In a democratic, pluralistic society, these concepts may creatively reinforce one another or they may compete with and contradict one another. The Christian moral life is a call to follow Jesus Christ, to believe in the redemptive love of God for humankind and to proclaim and incarnate the reign of God as inaugurated by Jesus Christ. This course is intended to prepare the senior student for this lifelong task.

SCH 4U1, Grade 12 - Chemistry, University Preparation

Prerequisite: Chemistry, Grade 11, University Preparation

This course enables students to deepen their understanding of chemistry through the study of organic chemistry, energy changes and rates of reaction, chemical systems and equilibrium, electrochemistry, and atomic and molecular structure. Students will further develop problem-solving and laboratory skills as they investigate chemical processes, at the same time refining their ability to communicate scientific information. Emphasis will be placed on the importance of chemistry in daily life, and on evaluating the impact of chemical technology on the environment.

SPH4C1, Grade 12 - Physics: College Prep.

Prerequisite: Grade 10 Science, Academic or Applied

This course develops students' understanding of the basic concepts of physics. Students will explore these concepts as they relate to mechanical, electrical, fluid (hydraulic and pneumatic), and communications systems, as well as to the operation of commonly used tools and equipment. They will develop scientific inquiry skills as they verify accepted laws of physics and solve both assigned problems and those emerging from their investigations. Students will also consider the impact of technological applications of physics on society and the environment.