

Credit Course Descriptions - eLearning

Business Studies

BBB4M1 – International Business Fundamentals, Grade 12, University/College Preparation (1.0 credit)

This course provides an overview of the importance of international business and trade in the global economy and explores the factors that influence success in international markets. Students will learn about the techniques and strategies associated with marketing, distribution, and managing international business effectively. This course prepares students for postsecondary programs in business, including international business, marketing, and management. *Prerequisite: None*

BOH4M1 – Business Leadership: Management Fundamentals, Grade 12, University/College Preparation (1.0 credit)

This course focuses on the development of leadership skills used in managing a successful business. Students will analyse the role of a leader in business, with a focus on decision making, management of group dynamics, workplace stress and conflict, motivation of employees, and planning. Effective business communication skills, ethics, and social responsibility are also emphasized. *Prerequisite: None*

Canadian & World Studies

CHV2O1/CHV2OF*– Civics and Citizenship, Grade 10, Open (0.50 credit)

This course explores rights and responsibilities associated with being an active citizen in a democratic society. Students will explore issues of civic importance such as healthy schools, community planning, environmental responsibility, and the influence of social media, while developing their understanding of the role of civic engagement and of political processes in the local, national, and/or global community. Students will apply the concepts of political thinking and the political inquiry process to investigate, and express informed opinions about, a range of political issues and developments that are both of significance in today's world and of personal interest to them. ***CHV2OF is delivered in French.** *Prerequisite: None*

English

ENG3C1 – English, Grade 11, College Preparation (1.0 credit)

This course emphasizes the development of literacy, communication, and critical and creative thinking skills necessary for success in academic and daily life. Students will study the content, form, and style of a variety of informational and graphic texts, as well as literary texts from Canada and other countries, and create oral, written, and media texts in a variety of forms for practical and academic purposes. An important focus will be on using language with precision and clarity. *Prerequisite: English, Grade 10, Academic or Applied*

ENG3U1 – English, Grade 11, University Preparation (1.0 credit)

This course emphasizes the development of literacy, communication, and critical and creative thinking skills necessary for success in academic and daily life. Students will analyse challenging literary texts from various periods, countries, and cultures, as well as a range of informational and graphic texts, and create oral, written, and media texts in a variety of forms. An important focus will be on using language with precision and clarity and incorporating stylistic devices appropriately and effectively. *Prerequisite: English, Grade 10, Academic*

ENG4C1 – English, Grade 12, College Preparation (1.0 credit)

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. *Prerequisite: English, Grade 11, College Preparation or University Preparation*

ENG4U1 – English, Grade 12, University Preparation (1.0 credit)

This course emphasizes the consolidation of literacy, communication, and critical and creative thinking skills necessary for success in academic and daily life. Students will analyse a variety of informational and graphic texts, as well as literary texts from various countries and cultures, and create oral, written, and media texts in a variety of forms for practical and academic purposes. An important focus will be on using language with precision and clarity and developing greater control in writing. *Prerequisite: English, Grade 11, University Preparation*

OLC4O1 – Ontario Secondary School Literacy Course, Grade 12, Open (1.0 credit)

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 (OSSLT). 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 portfolio containing a record of their reading experiences and samples of their writing.

Eligibility requirement: Students who have been eligible to write the OSSLT at least twice and who have been unsuccessful at least once are eligible to take the course. A student may be allowed to enrol in the OSSLC before he or she has had a second chance to write the OSSLT, if the principal determines that it is in the best educational interests of the student.

EWC4C1 – The Writer’s Craft, Grade 12, College Preparation (1.0 credit)

This course emphasizes knowledge and skills related to the craft of writing. Students will investigate models of effective writing; use a workshop approach to write a variety of works; and make considered decisions for improving the quality of their writing. They will also complete a creative or analytical independent study project and investigate opportunities for publication and for writing careers. *Prerequisite: English, Grade 11, College Preparation*

EWC4U1 – The Writer’s Craft, Grade 12, University Preparation (1.0 credit)

This course emphasizes knowledge and skills related to the craft of writing. Students will analyse models of effective writing; use a workshop approach to produce a range of works; identify and use techniques required for specialized forms of writing; and identify effective ways to improve the quality of their writing. They will also complete a major paper as part of a creative or analytical independent study project and investigate opportunities for publication and for writing careers. *Prerequisite: English, Grade 11, University Preparation*

Guidance and Career Education

GLC2O1/GLC2OF* – Career Studies, Grade 10, Open (0.50 credit)

This course gives students the opportunity to develop the skills, knowledge, and habits that will support them in their education and career/life planning. Students will learn about global work trends, and seek opportunities within the school and community to expand and strengthen their transferable skills and their ability to adapt to the changing world of work. On the basis of exploration, reflective practice, and decision-making processes, students will make connections between their skills, interests, and values and their postsecondary options, whether in apprenticeship training, college, community living, university, or the workplace. They will set goals and create a plan for their first postsecondary year. As part of their preparation for the future, they will learn about personal financial management – including the variety of saving and borrowing tools available to them and how to use them to their advantage – and develop a budget for their first year after secondary school. ***GLC2OF is delivered in French.** *Prerequisite: None*

Interdisciplinary Studies

IDC4U1 – Music and Society (The History of Rock & Roll), Grade 12, University Preparation (1.0 credit) NEW Course

This course combines selected expectations from CHY4U (World History since the Fifteenth Century) and HSB4U (Challenge and Change in Society). In this course, students will explore the cyclical, social, and intergenerational impact that western culture has had on Rock & Roll music – and that Rock & Roll music has had on western culture. Topics to be covered include (but are not limited to): the Civil Rights movement, music as popular culture, social protest, and social activism. Genres to be covered include (but are not limited to): Blues, Rockabilly, Rock & Roll, Punk, and Britpop.

Mathematics

MBF3C1 – Foundations for College Mathematics, Grade 11, College Preparation (1.0 credit)

This course enables students to broaden their understanding of mathematics as a problem-solving tool in the real world. Students will extend their understanding of quadratic relations; investigate situations involving exponential growth; solve problems involving compound interest; solve financial problems connected with vehicle ownership; develop their ability to reason by collecting, analysing, and evaluating data involving one variable; connect probability and statistics; and solve problems in geometry and trigonometry. Students will consolidate their mathematical skills as they solve problems and communicate their thinking. *Prerequisite: Mathematics, Grade 10, Applied*

MCF3M1 – Functions, Grade 11, University/College Preparation (1.0 credit)

This course introduces the mathematical concept of the function by extending students’ experiences with linear and quadratic relations. Students will investigate properties of discrete and continuous functions, including trigonometric and exponential

functions; represent functions numerically, algebraically, and graphically; solve problems involving applications of functions; investigate inverse functions; and develop facility in determining equivalent algebraic expressions. Students will reason mathematically and communicate their thinking as they solve multi-step problems. *Prerequisite: Mathematics, Grade 10, Academic or Applied*

MCR3U1 – Functions & Relations, Grade 11, University Preparation (1.0 credit)

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. *Prerequisite: Mathematics, Grade 10, Academic*

MAP4C1 – Foundations for College Mathematics, Grade 12, College Preparation (1.0 credit)

This course enables students to broaden their understanding of real-world applications of mathematics. Students will analyse data using statistical methods; solve problems involving applications of geometry and trigonometry; simplify expressions; and solve equations. Students will reason mathematically and communicate their thinking as they solve multi-step problems. This course prepares students for college programs in areas such as business, health sciences, and human services, and for certain skilled trades. *Prerequisite: Mathematics, Grade 11, College Preparation*

MCT4C1 – Mathematics for College Technology, Grade 12, College Preparation (1.0 credit)

This course enables students to extend their knowledge of functions. Students will investigate and apply properties of polynomial, exponential, and trigonometric functions; continue to represent functions numerically, graphically, and algebraically; develop facility in simplifying expressions and solving equations; and solve problems that address applications of algebra, trigonometry, vectors, and geometry. Students will reason mathematically and communicate their thinking as they solve multi-step problems. This course prepares students for a variety of college technology programs. *Prerequisite: Mathematics – Functions and Applications, Grade 11, University/College Preparation*

MDM4U1 – Mathematics of Data Management, Grade 12, University Preparation (1.0 credit)

This course broadens students' understanding of mathematics as it relates to managing data. Students will apply methods for organizing large amounts of information; solve problems involving probability and statistics; and carry out a culminating project that integrates statistical concepts and skills. Students will also refine their use of the mathematical processes necessary for success in senior mathematics. Students planning to enter university programs in business, the social sciences, and the humanities will find this course of particular interest. *Prerequisite: Mathematics – Functions, Grade 11, University Preparation OR Mathematics – Functions and Applications, Grade 11, University/College Preparation*

MHF4U1 – Advanced Functions, Grade 12, University Preparation (1.0 credit)

This course extends students' experience with functions. Students will investigate the properties of polynomial, rational, logarithmic, and trigonometric 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 who plan to study mathematics in university and for those wishing to consolidate their understanding of mathematics before proceeding to any one of a variety of university programs. *Prerequisite: Mathematics – Functions, Grade 11, University Preparation OR Mathematics for College Technology, Grade 12, College Preparation*

Science

SBI3C1 – Biology, Grade 11, College Preparation (1.0 credit)

This course focuses on the processes that occur in biological systems. Students will learn concepts and theories as they conduct investigations in the areas of cellular biology, microbiology, genetics, the anatomy of mammals, and the structure of plants and their role in the natural environment. Emphasis will be placed on the practical application of concepts, and on the skills needed for further study in various branches of the life sciences and related fields. *Prerequisite: Science, Grade 10, Academic or Applied*

SBI3U1 – Biology, Grade 11, University Preparation (1.0 credit)

This course furthers students' understanding of the processes that occur in biological systems. Students will study theory and conduct investigations in the areas of biodiversity; evolution; genetic processes; the structure and function of animals; and the anatomy, growth, and function of plants. The course focuses on the theoretical aspects of the topics under study, and helps students refine skills related to scientific investigation. *Prerequisite: Science, Grade 10, Academic*

SCH3U1 – Chemistry, Grade 11, University Preparation (1.0 credit)

This course enables students to deepen their understanding of chemistry through the study of the properties of chemicals and chemical bonds; chemical reactions and quantitative relationships in those reactions; solutions and solubility; and atmospheric chemistry and the behaviour of gases. Students will further develop their analytical skills and investigate the qualitative and quantitative properties of matter, as well as the impact of some common chemical reactions on society and the environment.

Prerequisite: Science, Grade 10, Academic

SPH3U1 – Physics, Grade 11, University Preparation (1.0 credit)

This course develops students' understanding of the basic concepts of physics. Students will explore kinematics, with an emphasis on linear motion; different kinds of forces; energy transformations; the properties of mechanical waves and sound; and electricity and magnetism. They will enhance their scientific investigation skills as they test laws of physics. In addition, they will analyse the interrelationships between physics and technology, and consider the impact of technological applications of physics on society and the environment. *Prerequisite: Science, Grade 10, Academic*

SBI4U1 – Biology, Grade 12, University Prep. (1.0 credit)

This course provides students with the opportunity for in-depth study of the concepts and processes that occur in biological systems. Students will study theory and conduct investigations in the areas of biochemistry, metabolic processes, molecular genetics, homeostasis, and population dynamics. Emphasis will be placed on the achievement of detailed knowledge and the refinement of skills needed for further study in various branches of the life sciences and related fields. *Prerequisite: Biology, Grade 11, University Preparation*

SCH4C1 – Chemistry, Grade 12, College Preparation (1.0 credit)

This course enables students to develop an understanding of chemistry through the study of matter and qualitative analysis, organic chemistry, electrochemistry, chemical calculations, and chemistry as it relates to the quality of the environment. Students will use a variety of laboratory techniques, develop skills in data collection and scientific analysis, and communicate scientific information using appropriate terminology. Emphasis will be placed on the role of chemistry in daily life and the effects of technological applications and processes on society and the environment. *Prerequisite: Science, Grade 10, Academic or Applied*

SPH4C1 – Physics, Grade 12, College Preparation (1.0 credit)

This course develops students' understanding of the basic concepts of physics. Students will explore these concepts with respect to motion; mechanical, electrical, electromagnetic, energy transformation, hydraulic, and pneumatic systems; and the operation of commonly used tools and machines. They will develop their scientific investigation skills as they test 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. *Prerequisite: Science, Grade 10, Academic or Applied*

Social Sciences & Humanities

HSG3M1 – Gender Studies, Grade 11, University/College Preparation (1.0 credit)

This course enables students to explore the social construction of gender. Students will learn about the dynamic nature of gender roles and norms; sexism and power relations; and the impact of representations of women and men in the media, popular culture, and the arts. Students will analyse a range of gender equity issues, including gender-based violence and workplace equity, in both Canadian and global contexts. Students will develop and apply research skills and will design and implement a social action initiative relating to gender equity. *Prerequisite: None*

HSP3C1 – Introduction to Anthropology, Psychology and Sociology, Grade 11, College Preparation (1.0 credit)

This course introduces students to theories, questions, and issues related to anthropology, psychology, and sociology. Students learn about approaches and research methods used by social scientists. Students will be given opportunities to apply theories from a variety of perspectives, to conduct social science research, and to become familiar with current issues within the three disciplines. *Prerequisite: None*

HSP3U1 – Introduction to Anthropology, Psychology and Sociology, Grade 11, University Preparation (1.0 credit)

This course provides students with opportunities to think critically about theories, questions, and issues related to anthropology, psychology, and sociology. Students will develop an understanding of the approaches and research methods used by social scientists. They will be given opportunities to explore theories from a variety of perspectives, to conduct social science research, and to become familiar with current thinking on a range of issues within the three disciplines. *Prerequisite: The Grade 10 academic course in English, or the Grade 10 academic history course (Canadian and world studies)*

HFA4C1 – Nutrition and Health, Grade 12, College Preparation (1.0 credit)

This course focuses on the relationship between nutrition and health at different stages of life and on global issues related to food production. Students will investigate the role of nutrition in health and disease and assess strategies for promoting food security and environmental responsibility. Students will learn about healthy eating, expand their repertoire of food-preparation techniques, and refine their ability to use social science research and inquiry methods to investigate topics related to nutrition and health.

Prerequisite: Any university, college, or university/college preparation course in social sciences and humanities, English, or Canadian and world studies

HFA4U1 – Nutrition and Health, Grade 12, University Preparation (1.0 credit)

This course examines the relationships between food, energy balance, and nutritional status; the nutritional needs of individuals at different stages of life; and the role of nutrition in health and disease. Students will evaluate nutrition-related trends and will determine how food choices can promote food security and environmental responsibility. Students will learn about healthy eating, expand their repertoire of food-preparation techniques, and develop their social science research skills by investigating issues related to nutrition and health. *Prerequisite: Any university, college, or university/college preparation course in social sciences and humanities, English, or Canadian and world studies*

HSC4M1 – World Cultures, Grade 12, University/College Preparation (1.0 credit)

This course examines the nature of culture; how cultural identities are acquired, maintained, and transformed; and theories used to analyse cultures. Students will explore world cultures, with an emphasis on the analysis of religious and spiritual beliefs, art forms, and philosophy. They will study the contributions and influence of a range of cultural groups and will critically analyse issues facing ethnocultural groups within Canada and around the world. Students will develop and apply research skills and will design and implement a social action initiative relating to cultural diversity. *Prerequisite: Any university, college, or university/college preparation course in social sciences and humanities, English, or Canadian and world studies*

HZT4U1 – Philosophy: Questions and Theories, Grade 12, University Preparation (1.0 credit)

This course enables students to acquire an understanding of the nature of philosophy and philosophical reasoning skills and to develop and apply their knowledge and skills while exploring specialized branches of philosophy (the course will cover at least three of the following branches: metaphysics, ethics, epistemology, philosophy of science, social and political philosophy, and aesthetics). Students will develop critical thinking and philosophical reasoning skills as they formulate and evaluate arguments related to a variety of philosophical questions and theories. They will also develop research and inquiry skills related to the study and practice of philosophy. *Prerequisite: Any university or university/college preparation course in social sciences and humanities, English, or Canadian and world studies*