

TORONTO PREP SCHOOL
Student Handbook
and
School Course Calendar
2012/2013



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Toronto Prep School Course Calendar 2012/2013

Academic Program for Grades 7 and 8

The Toronto Prep School offers an enriched and varied program for all its Middle School students. Students in Grade 7, along with lessons and experiences in the traditional core courses, also will be given a specific “study skills” course. This course will include the teaching of organizational skills and time management, proper use of a textbook, study skills, listening and note taking skills, research skills, reading for meaning, concentration and distractions, the mechanics of writing and preparing for tests and examinations. It will also include basic instruction and set up of their MacBook laptop and the use of organizational programs such as the Calendar (iCal), Safari, Address Book, Mail, and the various word documents and applications.

Grade 7 Program:

- Mathematics
- Science
- Spelling Grammar
- Fine Arts
- Physical Education
- English Literature
- French/Intro to Computers
- Social Studies

Students who have obtained exemption from French will be offered Introduction to Computers as a substitute.

Grade 8 Program:

- English Literature
- Fine Arts
- Social Studies
- Science
- Mathematics
- Physical Education
- French/Intro to Computers
- Integrated Technologies

Students who have obtained exemption from French will be offered Introduction to Computers as a substitute.

Course Descriptions for Grade 7

English 7

This course covers the following four areas of study: language, writing, literature and oral communication. Language study involves vocabulary development and the teaching of formal grammar. Within the writing area, students will communicate ideas and information for a variety of purposes, using forms appropriate for their purpose and topic – such as short stories, research compositions, speeches and proposals.

In literature, students will read and/or analyze a variety of age appropriate creative work (e.g. novels, short stories, poetry, plays, films). As well each student will be responsible for selecting and reading those novels that will be discussed through in-class book reports. Finally, within the oral communication domain, students will generate ideas for their own speeches before writing, editing and delivering these in a class setting.

Mathematics 7

This course enables students to develop an understanding of mathematical concepts related to number sense, two dimensional geometry, pre-algebra, algebra, ratio, rates and percents, and data management through investigation, the effective use of technology, and abstract reasoning. Students will investigate relationships and patterns through inquiry. Students will reason mathematically and communicate their thinking as they solve multi-step problems. Students will be expected to describe what they are doing in mathematics and explain why they are doing it. Problem-solving skills will be applied in all the strands.

Mental math and estimation skills will be stressed as well as the proper use of the calculator. Specific expectations include finding area and perimeter of irregular two-dimensional shapes, determining surface area and volume of rectangular prisms, solving equations and evaluating simple expressions, using and applying the students' knowledge of probability, operations with integers, and measures of central tendencies. Key to the teaching of this course is developing a positive attitude toward the continued learning of mathematics and the patience and persistence when solving problems.

French 7

The aim of this course is to develop basic communication skills in French and an understanding of the nature of the language, as well as an appreciation of French culture in Canada and in other parts of the world. The Core French Program offers students a valuable opportunity to develop a basic usable command of the French language that can be expanded through further study or contact with French-speaking people. Students listen to and talk about short, oral texts in structured and open-ended situations. They read a variety of classroom and simple authentic materials and communicate information in writing for different purposes. Students identify and use the vocabulary and grammar and language conventions appropriate for this grade level in oral communication and in reading and writing. This course is a continuation of all previous courses and focuses on the continuing development of communicative skills in listening, speaking, reading and writing.

Science 7

This course is built upon the scientific model of learning; that is, exploring, inquiring, predicting, planning and collecting, deciding, communicating, evaluating, and applying data. Heat energy plays a critical role in natural processes and in human life. Global warming has also focused considerable attention on the processes that control temperatures at the earth's surface.

By acquiring a working understanding of the nature of heat, students in Grade 7 will gain new insights into the ways that heat affects our world. Students will learn about the causes and effects of heat, investigate its properties, relate it to geological and meteorological processes, and use their new-found knowledge to design a device to minimize heat transfer. They will also use the particle theory to help them explain their observations. Experiments with heat require that students identify and explain the importance of practices that ensure their personal safety and the safety of others. This course includes topics from all scientific disciplines: biology, physics, chemistry, ecology, and design and technology. These are taught through the five strands of the Ministry curriculum: Interactions within Ecosystems; Pure Substances and Mixtures; Heat, Structural Strength and Stability; and The Earth's Crust. The scientific method, scientific literacy, and research skills are stressed throughout the course.

Social Studies 7

The goal of the Social Studies program is to enable students to become familiar with heritage, citizenship and Canada and its world connections by exploring the culture and geography of the family, community, province or territory, country and world. Emphasis is placed on encouraging students to participate effectively in classroom discussions and decisions and to develop mapping skills, learn geographical terminology, and further enhance writing skills. The program aims at ensuring that students understand the basic concepts of History and Geography.

Part 1 - Geography

The Grade 7 geography curriculum also focuses on physical patterns and how they affect human activity. Students recognize patterns as an essential concept in geography. As well, students examine the various ways resources are used and the environmental implications of their use. Students demonstrate an understanding of the impact technology has on natural resources. The areas of study include: The Themes of Geographic Inquiry, Patterns in Physical Geography, and Natural Resources. Students are introduced to foundational concepts, methods, and skills of geographic study through an exploration of the five essential themes of geography: location/place, environment, region, interaction, and movement. Students investigate current local, national, or global environmental issues and events to extend their understanding of these themes. Students explore how physical features, climate, and vegetation interact to form patterns on the earth's surface. They investigate the natural forces that contribute to these patterns and identify and explore relationships between natural and human systems. They also analyse and explain a variety of human responses to the physical environment. Students explore the many ways that people acquire and use natural resources, and the environmental impact of these actions. They discover how factors such as demand and accessibility determine the importance of resources. They also examine various ways in which human activity affects the sustainability of natural resources.

Part 2 - History

In Grade 7, the study of history focuses on the development of Canada from the seventeenth to the early nineteenth century. Students investigate the contributions of significant groups and individuals and develop an understanding of Canada's European roots. They study the early settlements of North America and their impact on the First Nation peoples and on English-French relations. They examine the economic, social, and political challenges facing New France and British North America, as well as the course of conflict and change in the two colonies that culminated in the rebellions of 1837–38. Emphasis is placed on the development of critical thinking skills, including the ability to examine issues from more than one point of view. The main areas of study include: Exploration and Colonization, New France, British North America and Conflict and Change.

Introduction to Computers 7

Students will learn the basic computer controls and operations, and the keyboard letters, punctuation, numbers, and symbols. The student will develop basic computer skills with emphasis in word processing, spreadsheets, and presentation graphics. The student will apply skills learned by creating, editing, storing, and printing spreadsheet, presentation graphics, and word processing documents. This course is intended to give students hands on computer experience that focuses on the use of a computer as a tool for learning. Students will become aware of the "every day" use of computers through an in-depth analysis and exploration of computers in society.

Spelling Grammar 7

The aim of this course is to provide the means that will enable the student to understand the process of writing. The student will learn to apply conventions of language in order to express ideas, feelings, and information clearly and precisely. Listening and speaking skills will also develop as the student learns to communicate more freely using bias-free language. The student will know how to direct questions and talk through ideas to clarify thinking, promote reflection, and generate ideas for written work. Spelling, grammar and composition are consistently interwoven over a five-day cycle to help the student reach his/her potential in English language skills

Visual Arts 7

The Grade 7 art program is history and skill based, stressing the viewing and discussion of important works and the techniques to express oneself artistically. Studio projects are based on the periods studied and highlight important styles and artists from the Prehistoric to Modern art periods. Students have the opportunity to work with a variety of media. They develop projects using their understanding of the elements of design. The overall aims are to nurture a positive attitude to and an understanding of the role of art; nurture a positive attitude and interest in all art and art history; encourage the students to continue to express themselves through their art throughout their lives. In developing the ability to analyse and describe works of art from various historical periods and in different styles, they will also learn to understand and appreciate a wide variety of art works.

Drama 7

Students in Grade 7 will develop or extend understanding of the following concepts through participation in various drama experiences. The elements of drama will be covered. The student will study role/character: considering motivations of historical and fictional characters; considering various facets of multidimensional characters; revealing character through the use of props and movement/blocking; maintaining commitment to role. Develop and analyse multidimensional relationships in the drama. The student will improvise with available materials to establish setting; using blocking (e.g., when and where to move) and stage areas (e.g., upstage right, downstage centre) in planning and performance. The student will use sound, lighting, technology, and stage effects to heighten tension; using foreshadowing to create suspense. The student will use a range of devices and effects to highlight specific aspects of the performance for the audience.

Physical and Health Education 7

This course focuses on the importance of regular physical activity and appropriate life style choices. Students will be given an opportunity to participate in a variety of physical activities that promote life-long healthy active living. The health program follows the ideals of overall wellness and will cover issues such as decision making, sexual education and substance use and abuse. Students participate on a regular basis in physical activities that maintain or improve physical fitness. Through a balance of activities, students build strength, endurance, flexibility, balance and co-ordination, as well as develop creative expression, freedom of movement, problem solving skills and the ability to work as a team to reach a common goal: develop creativity, confidence and physical fitness; develop gross and fine motor skills; develop hand-eye co-ordination; develop an appropriate degree of balance, strength, flexibility, agility, endurance, power, speed and effort; work independently and co-operate well with others; use equipment and compete safely; demonstrate positive sportsmanship at all times; promote spirit in fair play and team play; promote other social skills such as following directions, decision-making, communication with others and leadership. They will discuss personal safety, and peer pressure related to substance use and abuse. The course promotes body awareness, self-confidence and helps children recognize and enjoy the value of physical fitness and good health.

Course Descriptions for Grade 8

English 8

This course will involve; creative writing, essay writing, short story and poetry reading, reading response activities, and journal writing. This course is aimed at enhancing the student's knowledge and appreciation of the literary and cultural aspects of the English language. It is designed to build upon the student's basic language skills so as to enable them to express their feelings and opinions coherently both in formal and creative writing and in oral presentation. Students will be encouraged to read, write and think critically.

Introduction to Computers 8

Students will learn the basic computer controls and operations, and the keyboard letters, punctuation, numbers, and symbols. The student will develop basic computer skills with emphasis in word processing, spreadsheets, and presentation graphics. The student will apply skills learned by creating, editing, storing, and printing spreadsheet, presentation graphics, and word processing documents. This course is intended to give students hands on computer experience that focuses on the use of a computer as a tool for learning. Students will become aware of the "every day" use of computers through an in-depth analysis and exploration of computers in society.

Mathematics 8

Students will be expected to describe what they are doing in mathematics and explain why they are doing it. Problem-solving skills will be applied in all the strands. Mental math and estimation skills will be stressed as well as the proper use of the calculator. Specific expectations include finding area and perimeter of irregular two-dimensional shapes, determining surface area and volume of rectangular prisms, determining congruency and investigating tiling patterns, solving equations and evaluating simple expressions, using and applying their knowledge of probability, and operations with integers and measures of central tendencies.

French 8

In Grade 8, students continue to listen and talk about simple oral texts in structured and open-ended situations. They express ideas, feelings, and opinions in conversations and discussions, using learned language structures and a variety of vocabulary and expressions. As well, they write in a variety of forms adjusting language to suit the audience. They continue to identify and use the vocabulary and grammar conventions appropriate for this grade level in oral communication and in reading and writing.

Science 8

This course continues to allow students to increase their scientific knowledge in the disciplines of Biology, Physics and Environmental Studies. The students will learn scientific concepts and conduct investigations related to Fluids, Mechanical Efficiency, Cells, Tissues, Organs and Systems, and Water Systems. Research, experimentation, and scientific literacy remain integral parts of the program.

The course is built upon the scientific model of learning; that is, exploring inquiring, predicting, planning, collecting, deciding, communicating, evaluating, and applying data. Through the use of controlled variables, the construction of models and data interpretation, students are encouraged to observe, question, and manipulate elements of their environment.

Visual Arts 8

The first half of the course will include studio and art history components. The studio portion will focus on drawing, sketching and painting techniques through 2-D and 3-D activities. The historical art study will concentrate on the exploration of the Seven Wonders of the Ancient World. The second half of the course will further explore the Seven Wonders through a variety of media and dramatic forms.

Drama 8

Students in Grade 8 will develop or extend understanding of the following concepts through participation in various drama experiences. The students will analyse the background, motivation, speech, and actions of characters to build roles; using voice, stance, gesture, and facial expression to portray character. The students will analyse relationships to develop the interplay between characters. They will study time and place using props, costumes, and furniture to establish setting; modifying production elements to suit different audiences. They will use various stage effects to produce specific audience reactions. They will study focus and emphasis using a wide range of devices to highlight the central theme for the audience; making deliberate artistic choices to sharpen focus.

Physical and Health Education 8

In Physical Education, students continue to participate on a regular basis in physical activities that maintain or improve physical fitness. They apply a variety of sport specific skills related to balance, coordination, flexibility, power and speed, and develop various manipulation skills in sport situations. Students consider the adoption of personal goals that reflect the physical, emotional, interpersonal, and spiritual aspects of healthy living. They discuss living skills needed to respond to matters related to sexuality, drug use, and healthy eating habits. The Physical Education program promotes body awareness, self-confidence and helps students recognize and enjoy the value of physical fitness and good health. Through a balance of activities, students build strength, endurance, flexibility, balance and co-ordination, as well as develop creative expression, freedom of movement, problem solving skills and the ability to work as a team to reach a common goal. In Grade 8, students are offered a variety of physical activities.

The aim of this course is the development of skills of various physical activities, increased awareness of a variety of health issues and the promotion of long-term healthy lifestyle concepts.

Social Studies 8

This Social Studies course aims at ensuring that students understand the basic concepts of social studies, history and geography. Through continual development of their skills, strategies and habits of mind required for effective inquiry and communication, students are able to successfully apply and relate the knowledge acquired to the world outside the classroom in these areas.

Part 1 - Geography

The study of geography focuses on patterns in human geography, economic systems, and migration. Students will explain population distribution and characteristics, and investigate how human activities are affected by these patterns. They examine economic systems and the economic relationships between Canada and the global community, as well as the major types of migration and factors affecting human mobility. Students are introduced to human geography through an exploration of patterns and trends in population distribution, settlement, land use, employment, and levels of development. Students investigate population characteristics to identify correlations. They also reflect and report on the various aspects of demographics in Canada and other countries, including developing countries. Students explore the different types of economic systems and industrial activities and the factors that influence them. They investigate Canada's economic relationships from regional perspectives. They study processes of manufacturing and distribution, and compare aspects of economic development in different countries and communities. Students explore migration patterns and the many factors that influence relocation and mobility. They identify patterns of migration, and examine challenges and opportunities that migration presents to individuals and communities in Canada.

Part 2 - History

The students develop an understanding of events in Canada from the 1850s to 1914 and the events leading up to the beginning of the First World War. They investigate the formation of the Canadian nation and its subsequent expansion. They also examine some of the individuals, groups, and movements promoting political and social change in the early twentieth century. Emphasis is placed on the development of critical-thinking skills, including the ability to examine issues from more than one point of view.

Integrated Technologies 8

This course enables students to understand the technological and computer concepts they will need in order to design, develop, and build usable products or to deliver services, as well as to pursue further technological studies. Students will use the technological design process and a variety of tools and software to solve problems, complete projects, and strengthen their communication skills.

The course introduces students to information and communication technology in a business environment and builds a foundation of digital literacy skills necessary for success in a technologically driven society. Students will develop word processing, spreadsheet, database, desktop publishing, presentation software, and website design skills. Throughout the course, there is an emphasis on digital literacy, effective electronic research and communication skills, and current issues related to the impact of information and communication technology.

Course Selection Process - Grades 9 to 12

Each semester, most students sign up for four full-credit courses. A maximum of eight credits per year are permitted. Course selection should reflect abilities and interests, but must also relate to the student's immediate and long-term goals. We provide guidance to all students and can make course recommendations, but the ultimate choice is the responsibility of the student and his/her parents. Here are some things to keep in mind:

- Certain courses are compulsory (see Requirements for OSSD).
- Choosing courses from a broad variety of disciplines allows more educational and occupational options in the future.
- All courses are open to qualified students regardless of age, sex or ethnic background.
- Students are encouraged to take more than the thirty required courses.
- Studying a foreign language can provide increased job opportunities later.
- Universities and colleges often specify essential courses. For example, many university programs require one or two Grade 12 mathematics credits.
- Carefully check admission requirements. All Grade 11 and 12 results are disclosed on student transcripts.

If you have questions or concerns about academic requirements please speak to your Teacher-advisor, the Guidance Centre or the Principal. Proper preparation is essential in helping you make the appropriate course selections given an intended career path.

Requirements for the Ontario Secondary School Diploma (OSSD)

The Ontario system requires students to earn at least 30 credits to get the Ontario Secondary School Diploma:

Compulsory Credits [Total of 18]

- 4 credits in English (1 credit per grade)
- 3 credits in mathematics (1 credit in Grade 11 or 12)
- 2 credits in science
- 1 credit in Canadian history
- 1 credit in Canadian geography
- 1 credit in the arts
- 1 credit in health and physical education
- 1 credit in French as a second language
- 0.5 credit in career studies
- 0.5 credit in civics

Plus one credit from each of the following groups:

- 1 additional credit (**group 1**): additional credit in English, or French as a second language, or a Native language, or a classical or an international language, or social sciences and the humanities, or Canadian and world studies, or guidance and career education, or cooperative education
- 1 additional credit (**group 2**): additional credit in health and physical education, or the arts, or business studies, or French as a second language, or cooperative education
- 1 additional credit (**group 3**): additional credit in science (Grade 11 or 12), or technological education, or French as a second language, or computer studies, or cooperative education

Under special circumstances, and with the approval of the Principal, substitutions may be made for up to 3 of the compulsory credits using courses from the remaining courses offered that meet the requirements for compulsory credits.

Elective Credits [Total 12]

- 12 elective credits selected from available courses

In addition to successfully earning 30 credits (18 compulsories and 12 electives) each student must also complete:

- 40 hours of Community Involvement Activities; and
- the Provincial Secondary School Literacy Test (OSSLT) or the Ontario Secondary School Literacy Course (OSSLC)

Types of Courses

In **Grades 9 and 10**, three types of courses are offered: academic, applied and open.

Open courses are courses suitable for all students and prepare them for further study that will enrich their education generally. Open courses are credit-based and counted towards diploma requirements.

Academic courses emphasize theory and abstract problems. They are designed to prepare students for Grade 11 and 12 university and university/college preparation courses.

Applied courses focus on practical applications and concrete examples. They are designed to prepare students for Grade 11 and 12 college and workplace preparation courses.

Note: All courses at Toronto Prep School with the exceptions of optional Mathematics 9 and 10 courses will be offered at only the Open or Academic level.

In **Grades 11 and 12**, four types of courses are offered:

Workplace preparation courses prepare you to move directly into the workplace after high school or to be admitted into apprenticeship programs or other training programs in the community. Courses focus on employment skills and on practical workplace applications of the subject content.

College preparation courses are offered to prepare you to meet the entrance requirements for most college programs. Courses focus on practical applications and also examine underlying theories.

University/College preparation courses are offered to prepare you to meet the entrance requirements of certain university and college programs. They focus on both theory and practical applications.

University preparation courses provide you with the knowledge and skills you need to meet university entrance requirements. Courses emphasize theoretical aspects of the subject and also consider related applications.

Note: All courses at Toronto Prep School will be offered at the College, University/College or University level, there will be no Workplace courses.

Note: Transfer courses will enable students who alter their post secondary plans to move from one destination course to another (e.g. college preparation to university preparation).

Understanding the Course Codes

Toronto Prep's courses are labeled according to the Ontario Ministry of Education's coding system. The code consists of five characters (e.g. ENG1D):

- The first three characters represent the discipline, the subject, and the course.
- The fourth character represents the grade:
1, 2, 3 or 4 where "1" refers to Grade 9, "2" refers to Grade 10, "3" refers to Grade 11 and "4" refers to Grade 12
or A, B, C, D or E where "A" refers to Level 1, "B" refers to Level 2, "C" refers to Level 3, "D" refers to Level 4 and "E" refers to Level 5. Letters represent proficiency in a language course .
- The last character represents the course type. Most courses at Toronto Prep use D, M, U or O:
 - "O" refers to OPEN – A course open to all levels.
 - "D" refers to ACADEMIC – A Grade 9 or 10 academic course for students planning on future post-secondary education.
 - "M" refers to UNIVERSITY/COLLEGE – A senior course in preparation for university or college.
 - "U" refers to UNIVERSITY – A senior course preparing the student for univer-

Definition of a Credit

A credit is granted in recognition of the successful completion of that has been scheduled for a minimum of 110 hours. Credits are granted by the Principal on behalf of the Minister of Education. A half-credit may be granted for a 55-hour part of a 110 hour Ministry-developed course. Half-credit courses must comply with Ministry requirements as outlined in the curriculum policy documents.

For the purpose of granting a credit, "scheduled time" is defined as the time during which students participate in planned learning activities designed to lead to the achievement of the curriculum expectations of a course. Planned learning activities include interaction between the teacher and the student and assigned individual or group work (other than homework) related to the achievement of the learning expectations in the course.

Adding and Dropping Courses

The last day for adding a new course in the first semester is September 17. The last day on which a student may petition to drop a course without the mark being recorded on the Ontario Student Transcript is November 12. The last day for adding a new course in the second semester is February 11. The last day on which a student may petition to drop a course without the mark being recorded on the Ontario Student Transcript is April 19. Students may only drop a course after consultation with the Principal or Head of Admissions and the student's parents. The request must be made in writing.

Community Involvement Activities

All students must complete a minimum of 40 hours of unpaid community involvement activities before graduating from high school. This requirement is in addition to the 30 credits needed to achieve an OSSD.

Students in collaboration with their parents and their Teacher-advisors will be able to choose their own community involvement activities, within the guidelines that will be provided by the Toronto Prep School. Students will be responsible for fulfilling this requirement on their own time, and for keeping a record of their activities on a form supplied by the school. Completion of the required 40 hours must be documented and submitted to the school by the student. Documentation must include for each activity the name of the person or organization receiving the service, the activity performed, the dates and hours, the signatures of the student and his or her parents, and a signed acknowledgement by the person (or a representative of the organization) involved. The Principal will decide whether the student has met the requirements of the Ministry for these activities.

Community involvement activities may take place in a variety of settings, including businesses, not-for-profit organizations, public sector institutions (including hospitals) and informal settings. Students may not fulfill the requirement through activities that are counted towards a credit, through paid work, or by assuming duties performed by a paid employee.

The Toronto Prep School will supply each student with the necessary form that is to be completed and will also provide the student body with a list of organizations where community service hours may be fulfilled.

The community involvement requirement is designed to encourage students to develop awareness and understanding of civic responsibility and of the role they can play in supporting and strengthening their communities.

It should also be noted that Toronto Prep has also developed a Community Service Award system which goes beyond the standard set by the Ministry.

The Provincial Secondary School Literacy Requirement

Students must successfully complete the Ontario School Literacy Test (OSSLT) or complete the Ontario Secondary School Literacy Course (OSSLC) to be eligible for the OSSD. All students will take the Literacy test when in Grade 10. Students must pass the test in order to graduate, and their result is recorded on their student transcript. The test is based on the Ontario curriculum expectations for language and communication - particularly reading and writing - up to and including Grade 9.

The test will serve both to determine whether students have acquired the reading and writing skills considered essential for literacy, and to provide confirmation that those students who have completed the test successfully have attained the provincial expectations for literacy.

Accommodations

Students with special needs will have been identified previously and their classroom and other learning experiences will have been modified according to these needs. The accommodations made for these students in the OSSLT will reflect those made for them in their regular course work.

Deferrals

Students who are identified as requiring English Language Learners (ELL) may be allowed to defer the Literacy Test for up to one year. Any deferral must have the approval of the Principal. The decision to defer will be made in consultation with parents. For the 2012-2013 academic year this will mean sitting the Literacy test in March 2014 (this is the next time the OSSLT will be administered in Ontario).

Course Descriptions for Grade 9

Listed in alphabetical order starting with Compulsories and then followed by Electives:

English, Grade 9, Academic - Compulsory (ENG1D)

This course emphasizes analytic reading, writing, oral communication, and thinking skills that students need for success in secondary school academic programs and their daily lives. Students will study and interpret texts from contemporary and historical periods, including plays, short stories, and short essays, and will investigate and create media works. An important focus will be the correct and effective use of spoken and written language.

Prerequisite: None

French (Core), Grade 9, Academic - Compulsory (FSF1D)

This course emphasizes the further development of oral communication, reading, and writing skills. Students will build on and apply their knowledge of French while exploring a variety of themes, such as relationships, social trends, and careers. Thematic readings, which include a selection of short stories, articles, and poems, will serve as stepping stones to oral and written activities.

Prerequisite: Minimum of 600 hours of French instruction, or equivalent

Geography of Canada, Grade 9, Academic - Compulsory (CGC1D)

This course explores Canada's distinct and changing character and the geographic systems and relationships that shape it. Students will investigate the interactions of natural and human systems within Canada, as well as Canada's economic, cultural, and environmental connections to other countries. Students will use a variety of geotechnologies and inquiry and communication methods to analyse and evaluate geographic issues and present their findings.

Prerequisite: None

Healthy Active Living Education, Grade 9, Open - Compulsory (PPL1O)

This course emphasizes regular participation in a variety of enjoyable physical activities that promote lifelong healthy active living. Students will learn movement skills and principles, ways to improve personal fitness and physical competence, and safety and injury prevention. They will investigate issues related to healthy sexuality and the use and abuse of alcohol, tobacco, and other drugs, and will participate in activities designed to develop goal-setting, communication, and social skills.

Prerequisite: None

Principles of Mathematics, Grade 9, Academic - Compulsory (MPM1D)

This course enables students to develop an understanding of mathematical concepts related to algebra, analytic geometry, and measurement and geometry through investigation, the effective use of technology, and abstract reasoning. Students will investigate relationships, which they will then generalize as equations of lines, and will determine the connections between different representations of a linear relation. They will also explore relationships that emerge from the measurement of three-dimensional figures and two-dimensional shapes. Students will reason mathematically and communicate their thinking as they solve multi-step problems.

Prerequisite: None

Science, Grade 9, Academic - Compulsory (SNC1D)

This course enables students to develop their understanding of basic concepts in biology, chemistry, earth and space science, and physics, and to relate science to technology, society, and the environment. Throughout the course, students will develop their skills in the processes of scientific investigation. Students will acquire an understanding of scientific theories and conduct investigations related to sustainable ecosystems; atomic and molecular structures and the properties of elements and compounds; the study of the universe and its properties and components; and the principles of electricity.

Prerequisite: None

Dramatic Arts, Grade 9, Open - Elective (ADA1O)

This course emphasizes the active exploration of dramatic forms and techniques, using material from a wide range of authors, genres, and cultures. Students will construct, discuss, perform, and analyse drama, and then reflect on the experiences to develop an understanding of themselves, the art form, and the world around them.

Prerequisite: None

Exploring Communications Technology, Grade 9, Open - Elective (TGJ1O)

This exploratory course introduces students to concepts and skills in communications technology, which encompasses television/video and movie production, radio and audio production, print and graphic communications, photography, and interactive new media and animation. Students will develop an awareness of related environmental and societal issues, and will begin to explore secondary and post-secondary pathways leading to careers in the field.

Prerequisite: None

Learning Strategies 1: Skills for Success in Secondary School, Grade 9, Open - Elective (GLS1O)

This course focuses on learning strategies to help students become better, more independent learners. Students will learn how to develop and apply literacy and numeracy skills, personal management skills, and interpersonal and teamwork skills to improve their learning and achievement in school, the workplace, and the community. The course helps students build confidence and motivation to pursue opportunities for success in secondary school and beyond.

Prerequisite: None

Visual Arts, Grade 9, Open - Elective (AVI1O)

This course offers an overview of visual arts as a foundation for further study. Students will become familiar with the elements and principles of design and the expressive qualities of various materials through working with a range of materials, processes, techniques, and styles. They will learn and use methods of analysis and criticism and will study the characteristics of particular historical art periods and a selection of Canadian art and the art of other cultures.

Prerequisite: None

Course Descriptions for Grade 10

Listed in alphabetical order starting with Compulsories and then followed by Electives:

Grade 10 students may also choose electives from the Grade 11 or 12 lists if no prerequisites are required.

Canadian History Since World War I, Grade 10, Academic - Compulsory (CHC2D)

This course explores the local, national, and global forces that have shaped Canada's national identity from World War I to the present. Students will investigate the challenges presented by economic, social, and technological changes and explore the contributions of individuals and groups to Canadian culture and society during this period. Students will use critical-thinking and communication skills to evaluate various interpretations of the issues and events of the period and to present their own points of view.

Prerequisite: None

Career Studies, Grade 10, Open - Compulsory (Half Course) (GLC2O)

This course teaches students how to develop and achieve personal goals for future learning, work, and community involvement. Students will assess their interests, skills, and characteristics and investigate current economic and workplace trends, work opportunities, and ways to search for work. The course explores post-secondary learning and career options, prepares students for managing work and life transitions, and helps students focus on their goals through the development of a career plan.

Prerequisite: None

Civics, Grade 10, Open - Compulsory (Half Course) (CHV2O)

This course explores what it means to be an informed, participating citizen in a democratic society. Students will learn about the elements of democracy in local, national, and global contexts, about political reactions to social change, and about political decision-making processes in Canada. They will explore their own and others' ideas about civics questions and learn how to think critically about public issues and react responsibly to them.

Prerequisite: None

English, Grade 10, Academic - Compulsory (ENG2D)

This course extends the range of analytic, reading, writing, oral communication, and thinking skills that students need for success in secondary school academic programs. Students will study and interpret challenging texts from contemporary and historical periods, including novels, poems, plays, and opinion pieces, and will analyse and create effective media works. An important focus will be the thoughtful use of spoken and written language.

Prerequisite: English, Grade 9, Academic or Applied

Principles of Mathematics, Grade 10, Academic - Compulsory (MPM2D)

This course enables students to broaden their understanding of relationships and extend their problem-solving and algebraic skills through investigation, the effective use of technology, and abstract reasoning. Students will explore quadratic relations and their applications; solve and apply linear systems; verify properties of geometric figures using analytic geometry; and investigate the trigonometry of right and acute triangles. Students will reason mathematically and communicate their thinking as they solve multi-step problems.

Prerequisite: Mathematics, Grade 9, Academic

Foundations for College Mathematics, Grade 10, Applied - Elected Compulsory (MFM2P)

This course enables students to consolidate their understanding of linear relations and extend their problem-solving and algebraic skills through investigation, the effective use of technology, and hands-on activities. Students will develop and graph equations in analytic geometry; solve and apply linear systems, using real-life examples; and explore and interpret graphs of quadratic relations. Students will investigate similar triangles, the trigonometry of right triangles, and the measurement of three-dimensional figures. Students will consolidate their mathematical skills as they solve problems and communicate their thinking.

Prerequisite: Mathematics, Grade 9, Academic or Applied

Science, Grade 10, Academic - Compulsory (SNC2D)

This course enables students to enhance their understanding of concepts in biology, chemistry, earth and space science, and physics, and of the interrelationships between science, technology, society, and the environment. Students are also given opportunities to further develop their scientific investigation skills. Students will plan and conduct investigations and develop their understanding of scientific theories related to the connections between cells and systems in animals and plants; chemical reactions, with a particular focus on acid-base reactions; forces that affect climate and climate change; and the interaction of light and matter.

Prerequisite: Science, Grade 9, Academic or Applied

Communications Technology, Grade 10, Open - Elective (TGJ2O)

This course requires students to complete a range of communications technology projects. These may include creating printed stationery, short videos, computer-generated animations, and graphical information displays. Students will learn to transfer information using electronic, live, and graphic communications methods. The knowledge and skills they will develop will provide a basis for careers in areas such as publishing, advertising, print production, animation, photography, and journalism.

Prerequisite: None

Dramatic Arts, Grade 10, Open - Elective (ADA2O)

This course requires students to actively explore dramatic forms and techniques, using their own ideas and concerns as well as sources selected from a wide range of authors, genres, and cultures. Student learning will include identifying and using the principles of space, time, voice, and movement in creating, sustaining, and communicating authentic roles within a drama. Students will assume responsibility for decisions made in the creation and presentation of the drama, and will analyse and reflect on the experience.

Prerequisite: None

Healthy Active Living Education, Grade 10, Open - Elective (PPL2O)

This course emphasizes regular participation in a variety of enjoyable physical activities that promote lifelong healthy active living. Student learning will include the application of movement principles to refine skills; participation in a variety of activities that enhance personal competence, fitness, and health; examination of issues related to healthy sexuality, healthy eating, substance use and abuse; and the use of informed decision-making, conflict resolution, and social skills in making personal choices.

Prerequisite: None

Introduction to Business, Grade 10, Open - Elective (BBI2O)

This course introduces students to the world of business, including the concepts, functions, and skills required for meeting the challenges of operating a business in the twenty-first century on a local, national, and/or international scale. Students will also learn concepts and skills related to personal finance, entrepreneurship, and international business.

Prerequisite: None

Introduction to Computer Studies, Grade 10 Open - Elective (ICS2O)

This course introduces students to computer programming. Students will plan and write simple computer programs by applying fundamental programming concepts, and learn to create clear and maintainable internal documentation. They will also learn to manage a computer by studying hardware configurations, software selection, operating system functions, networking, and safe computing practices. Students will also investigate the social impact of computer technologies, and develop an understanding of environmental and ethical issues related to the use of computers.

Prerequisite: None

Media Arts, Grade 10, Open - Elective (ASM2O)

This course will develop students' artistic knowledge and skills by introducing them to current media arts technologies and processes. Student learning will include the analysis, appreciation, and production of media art, using a variety of traditional techniques (e.g., photography, film, photocopy art, video, analog sound recording) and emergent technologies (e.g., computer, digital camera, scanner, multimedia, animation).

Prerequisite: None

Visual Arts, Grade 10, Open- Elective (AVI2O)

This course emphasizes learning through practice; building on what students know; and introducing them to new ideas, materials, and processes for artistic thinking and experimentation. Student learning will include the refined application of the elements and principles of design, incorporating the creative and design processes, and the relationship between form and content. Students will also learn about the connections between works of art and their historical contexts. Course objectives may be achieved either through a comprehensive program or through a program focused on a particular art form (e.g., drawing, painting).

Prerequisite: None

Course Descriptions for Grade 11

Listed in alphabetical order starting with Compulsories and then followed by Electives:

Grade 11 students may also choose electives from the Grade 12 lists if no prerequisites are required or if they have fulfilled the prerequisites.

English, Grade 11, University Preparation- Compulsory (ENG3U)

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.

Prerequisite: English, Grade 10, Academic

Functions, Grade 11, University Preparation - Compulsory (MCR3U)

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: Principles of Mathematics, Grade 10, Academic

Functions and Applications, Grade 11, University/College Preparation (MCF3M) - Elected Compulsory

This course introduces basic features of the function by extending students' experiences with quadratic relations. It focuses on quadratic, trigonometric, and exponential functions and their use in modelling real-world situations. Students will represent functions numerically, graphically, and algebraically; simplify expressions; solve equations; and solve problems relating to applications. Students will reason mathematically and communicate their thinking as they solve multi-step problems.

Prerequisite: Principles of Mathematics, Grade 10, Academic, or Foundations of Mathematics, Grade 10, Applied

Foundations for College Mathematics, Grade 11, College Preparation (MBF3C) - Elected Compulsory

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: Foundations of Mathematics, Grade 10, Applied

Biology, Grade 11, University Preparation - Elective (SBI3U)

This course furthers students' understanding of the processes involved in biological systems. Students will study cellular functions, genetic continuity, internal systems and regulation, the diversity of living things, and the anatomy, growth, and functions 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

Chemistry, Grade 11, University Preparation - Elective (SCH3U)

This course focuses on the concepts and theories that form the basis of modern chemistry. Students will study the behaviours of solids, liquids, gases, and solutions; investigate changes and relationships in chemical systems; and explore how chemistry is used in developing new products and processes that affect our lives and our environment. Emphasis will also be placed on the importance of chemistry in other branches of science.

Prerequisite: Science, Grade 10, Academic

Communications Technology, Grade 11, University/College Preparation - Elective (TGJ3M)

This course examines communications technology from a media perspective. Students will develop knowledge and skills as they design and produce media projects in the areas of live, recorded, and graphic communications. These areas may include TV, video, and movie production; radio and audio production; print and graphic communications; photography; digital imaging; broadcast journalism; and interactive new media. Students will also develop an awareness of related environmental and societal issues, and will explore college and university programs and career opportunities in the various communications technology fields.

Prerequisite: None

Dramatic Arts, Grade 11, University/College Preparation - Elective (ADA3M)

This course requires students to create and to perform dramatic presentations. Students will analyse, interpret, and perform works of drama from various cultures, including Western plays from around 1900. Students will also do research on different acting styles and conventions for their presentations, create original works, and analyse the functions of playwright, director, actor, producer, designer, technician, and audience.

Prerequisite: Dramatic Arts, Grade 9 or 10, Open

Environmental Science, Grade 11, University/College Preparation - Elective (SVN3M)

This course provides students with the fundamental knowledge of and skills relating to environmental science that will help them succeed in life after secondary school. Students will explore a range of topics, including the role of science in addressing contemporary environmental challenges; the impact of the environment on human health; sustainable agriculture and forestry; the reduction and management of waste; and the conservation of energy. Students will increase their scientific and environmental literacy and examine the interrelationships between science, the environment, and society in a variety of areas.

Prerequisite: Grade 10 Science, Applied or Academic

Fashion Design, Grade 11, University/College Preparation - Elective (AWI3M)

This course provides students with opportunities to further develop their skills and knowledge in visual arts. Students will explore a range of subject matter through studio activities, and will consolidate their practical skills. Students will also analyze art works and study aspects of Western art history, as well as art forms from Canada and other parts of the world. Students will learn about the world of Fashion Design, the development of industrial sewing skills, the study of the fashion curve and personal wardrobe planning.

Prerequisite: Visual Arts, Grade 9 or 10 Open

Financial Accounting Fundamentals, Grade 11, University/College Preparation - Elective (BAF3M)

This course introduces students to the fundamental principles and procedures of accounting. Students will develop financial analysis and decision-making skills that will assist them in future studies and/or career opportunities in business. Students will acquire an understanding of accounting for a service and a merchandising business, computerized accounting, financial analysis, and ethics and current issues in accounting.

Prerequisite: None

Healthy Active Living Education, Grade 11, Open - Elective (PPL3O)

This course focuses on the development of a healthy lifestyle and participation in a variety of enjoyable physical activities that have the potential to engage students' interest throughout their lives. Students will be encouraged to develop personal competence in a variety of movement skills and will be given opportunities to practise goal-setting, decision-making, social, and interpersonal skills. Students will also study the components of healthy relationships, reproductive health, mental health, and personal safety.

Prerequisite: None

Introduction to Anthropology, Psychology, and Sociology, Grade 11, University/College Preparation - Elective (HSP3M)

This course introduces the theories, questions, and issues that are the major concerns of anthropology, psychology, and sociology. Students will develop an understanding of the way social scientists approach the topics they study and the research methods they employ. Students will be given opportunities to explore theories from a variety of perspectives and to become familiar with current thinking on a range of issues that have captured the interest of classical and contemporary social scientists in the three disciplines.

Prerequisite: None

Introduction to Computer Science, Grade 11, University Preparation - Elective (ICS3U)

This course introduces students to computer science. Students will design software independently and as part of a team, using industry-standard programming tools and applying the software development life-cycle model. They will also write and use subprograms within computer programs. Students will develop creative solutions for various types of problems as their understanding of the computing environment grows. They will also explore environmental and ergonomic issues, emerging research in computer science, and global career trends in computer-related fields.

Prerequisite: None

Marketing: Goods, Services, Events, Grade 11, College Preparation - Elective (BMI3C)

This course introduces the fundamental concepts of product marketing, which includes the marketing of goods, services, and events. Students will examine how trends, issues, global economic changes, and information technology influence consumer buying habits. Students will engage in marketing research, develop marketing strategies, and produce a marketing plan for a product of their choice.

Prerequisite: None

Media Studies, Grade 11, Open - Elective (EMS30)

This course emphasizes knowledge and skills that will enable students to understand media communication in the twenty-first century and to use media effectively and responsibly. Through analysing the forms and messages of a variety of media works and audience responses to them, and through creating their own media works, students will develop critical thinking skills, aesthetic and ethical judgement, and skills in viewing, representing, listening, speaking, reading, and writing.

Prerequisite: English, Grade 10, Academic or Applied

Personal and Fitness Activities, Grade 11, Open - Elective (PAF30)

This course focuses on the development of a healthy lifestyle and participation in a variety of enjoyable fitness focused activities. This course will teach the student about weight training, cardiovascular training, strength and endurance as well as flexibility training and nutrition. Students will be encouraged to develop and follow their own gym fitness plan and will be given the tools to achieve their healthy fitness goals. The student will determine the emphasis of his/her program. Fitness levels will be monitored regularly. Evaluation will be based on the student's ability to reach goals established jointly with the teacher, effort, participation, and record keeping. Health components follow the PPL30 course so therefore, both courses cannot be taken for credit. Students will gain decision-making skills, improve communication skills and develop organizational skills.

Prerequisites: None

Photography, Grade 11, University/College Preparation - Elective (AWQ3M)

This course focuses on studio activities in digital photography studies. Students will create art works that explore a wide range of subject matter, and will evaluate art works, providing grounds for their aesthetic judgments. They will also examine historical, stylistic, and cultural contexts of Western art (including Canadian art) and art from various world cultures to support their study of specific media. This course will involve the use of a digital camera, laptop computer, shooting and digital photo techniques using Photoshop CS or CS2. Required equipment: Digital camera (minimum 3 megapixel, 5 megapixel or higher ideal) and a laptop computer.

Prerequisite: Any Arts Course

Physical Geography: Patterns, Processes, and Interactions, Grade 11 University/College Preparation - Elective (CGF3M)

This course examines the main elements of the physical environment (climate, soils, landforms, oceans, vegetation), the processes that shape them, and the relationship between the environment and human beings. Students will apply a wide range of geographic tools and methods to explore the distribution and ongoing evolution of the elements of the physical environment on a variety of scales, from local to global.

Prerequisite: Geography of Canada, Grade 9, Academic or Applied

Physics, Grade 11, University Preparation - Elective (SPH3U)

This course develops students' understanding of the basic concepts of physics. Students will study the laws of dynamics and explore different kinds of forces, the quantification and forms of energy (mechanical, sound, light, thermal, and electrical), and the way energy is transformed and transmitted. They will develop scientific-inquiry skills as they verify accepted laws and solve both assigned problems and those emerging from their investigations. Students will also 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

The Individual and the Economy, Grade 11, University/College Preparation - Elective (CIE3M)

This course explores economic concepts relating to the Canadian economic system that will help students make informed decisions about how to use resources to satisfy wants and needs. Students will use economic concepts and models, as well as methods of economic inquiry, to analyse the choices they will make during their lives as consumers, contributors, and citizens in a mixed economy.

Prerequisite: Canadian History Since World War 1, Grade 10, Academic or Applied

Understanding Canadian Law, Grade 11, University/College Preparation - Elective (CLU3M)

This course explores legal issues that directly affect students' lives. Students will acquire a practical knowledge of Canada's legal system and learn how to analyse legal issues. They will also be given opportunities to develop informed opinions on legal issues and to defend those opinions and communicate legal knowledge in a variety of ways and settings, including legal research projects, mock trials, and debates.

Prerequisite: Canadian History Since World War 1, Grade 10, Academic or Applied

Visual Arts, Grade 11, University/College Preparation - Elective (AVI3M)

This course provides students with opportunities to further develop their skills and knowledge in visual arts. Students will explore a range of subject matter through studio activities, and will consolidate their practical skills. Students will also analyse art works and study aspects of Western art history, as well as art forms from Canada and other parts of the world.

Prerequisite: Visual Arts, Grade 9 or 10, Open

World History to the Sixteenth Century, Grade 11, University/College Preparation - Elective (CHW3M)

This course investigates the history of humanity from earliest times to the sixteenth century. Students will analyse diverse societies from around the world, with particular regard to the political, cultural, and economic structures and historical forces that form the foundation of the modern world. They will examine the influence of selected individuals and groups, as well as of particular innovations, and will develop skills of historical inquiry, organization, analysis, and communication.

Prerequisite: Canadian History Since World War 1, Grade 10, Academic or Applied

World Religions: Beliefs, Issues, and Religious Traditions, Grade 11, University/College Preparation - Elective (HRT3M)

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 teachings 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. This course also introduces students to skills used in researching and investigating world religions.

Prerequisite: None

Course Descriptions for Grade 12

Listed in alphabetical order starting with Compulsories and then followed by Electives:

English, Grade 12, University Preparation - Compulsory (ENG4U)

This course emphasizes consolidation of literacy, critical thinking, and communication skills. Students 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 literary 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.

Prerequisite: English, Grade 11, University Preparation

Advanced Functions, Grade 12, University Preparation - Elective (MHF4U)

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.

Prerequisite: Functions, Grade 11, University Preparation, or Mathematics for College Technology, Grade 12, College Preparation

Analysing Current Economic Issues, Grade 12, University Preparation - Elective (CIA4U)

This course explores the choices that individuals and societies make about the use of resources in a competitive global economy. Students will use economic concepts and models, as well as methods of economic inquiry, to analyse current economic issues and make informed economic choices based on their analysis.

Prerequisite: Any university or university/college preparation course in Canadian and World Studies, English, or Social Sciences and Humanities

Biology, Grade 12, University Preparation - Elective (SBI4U)

This course provides students with the opportunity for in-depth study of the concepts and processes associated with biological systems. Students will study theory and conduct investigations in the areas of metabolic processes, molecular genetics, homeostasis, evolution, and population dynamics. Emphasis will be placed on achievement of the detailed knowledge and refined skills needed for further study in various branches of the life sciences and related fields.

Prerequisite: Biology, Grade 11, University Preparation

Calculus and Vectors, Grade 12, University Preparation - Elective (MCV4U)

This course builds on students' previous experience with functions and their developing understanding of rates of change. Students will solve problems involving geometric and algebraic representations of vectors and representations of lines and planes in three dimensional space; broaden their understanding of rates of change to include the derivatives of polynomial, sinusoidal, exponential, rational, and radical functions; and apply these concepts and skills to the modeling of real-world relationships. Students will also refine their use of the mathematical processes necessary for success in senior mathematics. This course is intended for students who choose to pursue careers in fields such as science, engineering, economics, and some areas of business, including those students who will be required to take a university-level calculus, linear algebra, or physics course.

Note: The Advanced Functions course (MHF4U) must be taken prior to or concurrently with Calculus and Vectors (MCV4U).

Canadian and International Law, Grade 12, University Preparation - Elective (CLN4U)

This course explores elements of Canadian law and the role of law in social, political, and global contexts. Students will learn about the connections between the historical and philosophical sources of law and issues in contemporary society. They will also learn to analyse legal issues, conduct independent research, and communicate the results of their inquiries in a variety of ways.

Prerequisite: Any university or university/college preparation course in Canadian and World Studies, English, or Social Sciences and Humanities

Canadian and World Issues: A Geographic Analysis, Grade 12, University Preparation - Elective (CGW4U)

This course draws on geographic concepts, skills, methods, and technologies to analyse significant issues facing Canadians as citizens of an interdependent world. Students will examine the challenges of creating a sustainable and equitable future through the study of a range of topics, including economic interdependence, geopolitical conflict, regional disparities in the ability to meet basic human needs, and protection of the planet's life-support systems.

Prerequisite: Any university or university/college preparation course in Canadian and World Studies, English, or Social Sciences and Humanities

Canadian and World Politics, Grade 12, University Preparation - Elective (CPW4U)

This course examines national and international political issues from a variety of perspectives. Students will learn about the rights and responsibilities of individuals, groups, and states within the international community; analyse the different ways in which Canada tries to settle its conflicts with other nations; and evaluate the role of nationalist and internationalist ideologies in shaping relations among states.

Prerequisite: Any university or university/college preparation course in Canadian and World Studies, English, or Social Sciences and Humanities

Challenge and Change in Society, Grade 12, University/College Preparation - Elective (HSB4M)

This course examines the theories and methodologies used in anthropology, psychology, and sociology to investigate and explain shifts in knowledge, attitudes, beliefs, and behaviour and their impact on society. Students will analyse cultural, social, and biological patterns in human societies, looking at the ways in which those patterns change over time. Students will also explore the ideas of classical and contemporary social theorists, and will apply those ideas to the analysis of contemporary trends.

Prerequisite: Any university or university/college preparation course in Canadian and World Studies, English, or Social Sciences and Humanities

Chemistry, Grade 12, University Preparation - Elective (SCH4U)

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.

Prerequisite: Chemistry, Grade 11, University Preparation

Communications Technology, Grade 12, University/College Preparation - Elective (TGJ4M)

This course enables students to further develop media knowledge and skills while designing and producing projects in the areas of live, recorded, and graphic communications. Students may work in the areas of TV, video, and movie production; radio and audio production; print and graphic communications; photography; digital imaging; broadcast journalism; and interactive new media. Students will also expand their awareness of environmental and societal issues related to communications technology, and will investigate career opportunities and challenges in a rapidly changing technological environment.

Prerequisite: Communications Technology, Grade 11, University/College Preparation

Computer Science, Grade 12, University Preparation - Elective (ICS4U)

This course enables students to further develop knowledge and skills in computer science. Students will use modular design principles to create complex and fully documented programs, according to industry standards. Student teams will manage a large software development project, from planning through to project review. Students will also analyse algorithms for effectiveness. They will investigate ethical issues in computing and further explore environmental issues, emerging technologies, areas of research in computer science, and careers in the field.

Prerequisite: Introduction to Computer Science, Grade 11, University Preparation

Dramatic Arts, Grade 12, University/College Preparation - Elective (ADA4M)

This course requires students to experiment with forms and conventions in dramatic literature, and to create/adapt and present dramatic works. Students will do research on dramatic forms, conventions, themes, and theories of acting and directing from different historical periods, and apply their knowledge of these in analysing and interpreting dramatic literature, including Canadian works and works from various cultures in the late twentieth century. Students will also examine the significance of dramatic arts in various cultures.

Prerequisite: Dramatic Arts, Grade 11, University/College Preparation or Open

Earth and Space Science, Grade 12, University Preparation - Elective (SES4U)

This course focuses on the Earth as a planet, and on the basic concepts and theories of Earth science and their relevance to everyday life. Students will examine the Earth's place in the solar system and, after a general introduction to Earth science, will explore in more detail the materials of the Earth, its internal and surficial processes, and its history. The course draws on astronomy, biology, chemistry, mathematics, and physics in its consideration of geological processes that can be observed directly or inferred from other evidence.

Prerequisite: Science, Grade 10, Academic

Exercise Science, Grade 12, University Preparation - Elective (PSE4U)

This course focuses on the study of human movement and of systems, factors, and principles involved in human development. Students will learn about the effects of physical activity on health and performance, the evolution of physical activity and sports, and the factors that influence an individual's participation in physical activity. The course prepares students for university programs in physical education, kinesiology, recreation, and sports administration.

Prerequisite: Any Grade 11 university or university/college preparation course in Science, or any Grade 11 or 12 open course in Health and Physical Education

Fashion Design, Grade 12, University/College Preparation, Elective (AWI4M)

Students will continue to study the fashion figure, using it as a basis for designing garments. They will continue the study of textile art, jewelry creation, and illustration. Students will develop a basic knowledge of pattern design. With these skills students will solve design problems. The emphasis of this course is on developing skills to enable students to enter a college fashion program. Students will produce a body of work demonstrating a personal approach. Students will expand their knowledge of the world of Fashion Design, as well as expand their sewing skills. With a focus on Portfolio development the students will create a proposal for a body of work that relates to a specific aspect of the Fashion Industry.

Prerequisite: AWI3M and basic sewing skills

Financial Accounting Principles, Grade 12, University/College Preparation - Elective (BAT4M)

This course introduces students to advanced accounting principles that will prepare them for post-secondary studies in business. Students will learn about financial statements for various forms of business ownership and how those statements are interpreted in making business decisions. This course expands students' knowledge of sources of financing, further develops accounting methods for assets, and introduces accounting for partnerships and corporations.

Prerequisite: Financial Accounting Fundamentals, Grade 11, University/College Preparation

Individuals and Families in a Diverse Society, Grade 12, University/College Preparation - Elective (HHS4M)

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.

Prerequisite: Any university, university/college, or college preparation course in Social Sciences and Humanities, English, or Canadian and World Studies

Interdisciplinary Studies: Sports & Entertainment Marketing, Grade 12, University Preparation - Elective (IDC4U)

The Sports and Entertainment Marketing interdisciplinary course emphasizes the development of practical skills and knowledge in order to solve problems, make decisions, create personal meaning, and present findings related to the growing importance that the sports and entertainment industry plays in our modern economy. Through individual and collaborative inquiry, research into contemporary issues, real-life situations, and careers related to Sports and Entertainment Marketing, students will develop skills in the areas of marketing essentials, facility location and design, branding, licensing, merchandising, advertising, public relations/publicity, event marketing, sponsoring and naming rights, product distribution, legal issues and career opportunities in Sports and Entertainment Marketing.

Prerequisite: Any university, university/college, or college preparation course.

International Business Fundamentals, Grade 12, University/College Preparation - Elective (BBB4M)

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: Any university, university/college, or college preparation course in Business Studies or Canadian and World Studies

Mathematics of Data Management, Grade 12, University Preparation - Elective (MDM4U)

This course broadens students' understanding of mathematics as it relates to managing data. Students will apply methods for organizing and analysing large amounts of information; solve problems involving probability and statistics; and carry out a culminating investigation 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: Functions, Grade 11, University Preparation, or Functions and Applications, Grade 11, University/College Preparation

Personal and Fitness Activities, Grade 12, Open - Elective (PAF40)

This course focuses on the development of a healthy lifestyle and participation in a variety of enjoyable fitness focused activities. This course will teach the student about weight training, cardiovascular training, strength and endurance as well as flexibility training and nutrition. Students will be encouraged to develop and follow their own gym fitness plan and will be given the tools to achieve their healthy fitness goals. The student will determine the emphasis of his/her program. Fitness levels will be monitored regularly. Evaluation will be based on the student's ability to reach goals established jointly with the teacher, effort, participation, and record keeping. Students will gain decision-making skills, improve communication skills and develop organizational skills.

Prerequisites: None

Philosophy: Questions and Theories, Grade 12, University Preparation - Elective (HZT4U)

This course addresses three (or more) of the main areas of philosophy: metaphysics, logic, epistemology, ethics, social and political philosophy, and aesthetics. Students will learn critical thinking skills, the main ideas expressed by philosophers from a variety of the world's traditions, how to develop and explain their own philosophical ideas, and how to apply those ideas to contemporary social issues and personal experiences. The course will also help students refine skills used in researching and investigating topics in philosophy.

Prerequisite: Any university, university/college, or college preparation course in Social Sciences and Humanities, English, or Canadian and World Studies

Physics, Grade 12, University Preparation - Elective (SPH4U)

This course enables students to deepen their understanding of the concepts and theories of physics. Students will explore further the laws of dynamics and energy transformations, and will investigate electrical, gravitational, and magnetic fields; electromagnetic radiation; and the interface between energy and matter. They will further develop inquiry skills, learning, for example, how the interpretation of experimental data can provide indirect evidence to support the development of a scientific model. Students will also consider the impact on society and the environment of technological applications of physics.

Prerequisite: Physics, Grade 11, University Preparation

The Environment and Resource Management, Grade 12 University/College Preparation - Elective (CGR4M)

This course investigates the complexity and fragility of ecosystems and the effects of human activities on them. Students will study the principles of sustainability and resource management and evaluate various approaches to achieving a more sustainable relationship between the environment, society, and the economy.

Prerequisite: Any university, university/college, or college preparation course in Social Sciences and Humanities, English, or Canadian and World Studies

The Writer's Craft, Grade 12, University Preparation - Elective (EWC4U)

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

Visual Arts, Grade 12, University/College Preparation - Elective (AVI4M)

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 modern and contemporary 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.

Prerequisite: Visual Arts, Grade 11, University/College Preparation or Open

World Geography: Human Patterns and Interactions, Grade 12, University Preparation - Elective (CGU4U)

This course examines how humans interact with their natural environments and with each other. Students will study the influence of spatial, political, economic, and social factors on settlement patterns, human migration, cultural change, globalization, and environmental trends. Students will use geotechnologies and skills of geographic inquiry and analysis to extend their knowledge of human geography and to identify and explain current trends and patterns, and predict future ones.

Prerequisite: Any university or university/college preparation course in Canadian and World Studies, English, or Social Sciences and Humanities

World History: The West and the World, Grade 12, University Preparation - Elective (CHY4U)

This course investigates the major trends in Western civilization and world history from the sixteenth century to the present. Students will learn about the interaction between the emerging West and other regions of the world and about the development of modern social, political, and economic systems. The skills and knowledge developed in this course will enable students to understand and appreciate both the character of historical change and the historical roots of contemporary issues.

Prerequisite: Any university, university/college, or college preparation course in Social Sciences and Humanities, English, or Canadian and World Studies

The Arts

Grade	Course Name	Course Code	Course Type	Course Category	Prerequisites
Dramatic Arts					
9	Dramatic Arts	ADA1O	Open	Elective	None
10	Dramatic Arts	ADA2O	Open	Elective	None
11	Dramatic Arts	ADA3M	University/College	Elective	Grade 9 or 10 Dramatic Arts, Open
12	Dramatic Arts	ADA4M	University/College	Elective	Grade 11 Dramatic Arts, University/College
Media Arts					
10	Media Arts	ASM20	Open	Elective	None
Visual Arts					
9	Visual Arts	AVI1O	Open	Elective	None
10	Visual Arts	AVI2O	Open	Elective	None
11	Visual Arts	AVI3M	University/College	Elective	Grade 9 or 10 Visual Arts, Open
12	Visual Arts	AVI4M	University/College	Elective	Grade 11 Visual Arts, University/College
Fashion					
11	Fashion Design	AWI3M	University/College	Elective	Any Grade 9 or 10 course in the Arts
12	Fashion Design	AWI4M	University/College	Elective	Grade 11 Fashion Design
Photography					
11	Photography	AWQ3M	University/College	Elective	Any Grade 9 or 10 course in the Arts

Business Studies

Grade	Course Name	Course Code	Course Type	Course Category	Prerequisites
Business Studies					
10	Introduction to Business	BBI2O	Open	Elective	None
International Studies					
12	International Business	BB4M	University/College	Elective	Any University/College or College Fundamentals Preparation course in Business Studies or Canadian and World Studies
Marketing					
11	Marketing: Goods, Services, Events	BMI3C	College	Elective	None
Accounting					
11	Financial Accounting Fundamentals	BAF3M	University/College	Elective	None
12	Financial Accounting Principles	BAT4M	University/College	Elective	Financial Accounting Fundamentals Grade 11 University/College

Canadian and World Studies

Grade	Course Name	Course Code	Course Type	Course Category	Prerequisites
Civics					
10	Civics	CHV20	Open	Compulsory	None
Economics					
11	The Individual and the Economy	CIE3M	University/College	Elective	Grade 10 Canadian History Since World War 1, Academic or Applied
12	Analysing Current Economic Issues	CIA4U	University	Elective	Any university or university/college preparation course in Canadian and World Studies, English, or Social Sciences and Humanities
Geography					
9	Geography of Canada	CGC1D	Academic	Compulsory	None
11	Physical Geography: Patterns, Processes, and Interactions	CGF3M	University/College	Elective	Grade 9 Geography of Canada, Academic or Applied
12	Canadian and World Issues: A Geographic Analysis	CGW4U	University	Elective	Any university or university/college preparation course in Canadian and World Studies, English, or Social Sciences and Humanities
12	The Environment and Resource Management	CGR4M	University/College	Elective	Any university or university/college, or college preparation course in Canadian and World Studies, English, or Social Sciences and Humanities
12	World Geography: Patterns and Interactions	CGU4U	University	Elective	Any university or university/college, or college preparation course in Canadian and World Studies, English, or Social Sciences and Humanities
History					
10	Canadian History Since World War 1	CHC2D	Academic	Compulsory	None
11	World History to the Sixteenth Century	CHW3M	University/College	Elective	Grade 10 Canadian History Since World War 1, Academic or Applied
12	World History: The West and the World	CHY4U	University	Elective	Any university or university/college preparation course in Canadian and World Studies, English or Social Sciences and Humanities

Canadian and World Studies

Grade	Course Name	Course Code	Course Type	Course Category	Prerequisites
Law					
11	Understanding Canadian Law	CLU3M	University/College	Elective	Grade 10 Canadian History Since World War 1, Academic or Applied
12	Canadian and International Law	CLN4U	University	Elective	Any university or university/college preparation course in Canadian and World Studies, English or Social Sciences and Humanities
Politics					
12	Canadian and World Politics	CPW4U	University	Elective	Any university or university/college preparation course in Canadian and World Studies, English or Social Sciences and Humanities

Computer Studies and Technological Education

Grade	Course Name	Course Code	Course Type	Course Category	Prerequisites
Technological Education					
9	Exploring Communications Technology	TGJ1O	Open	Elective	None
10	Communications Technology	TGJ2O	Open	Elective	None
11	Communications Technology	TGJ3M	University/College	Elective	None
12	Communications Technology	TGJ4M	University/College	Elective	Communications Technology 11, University/College Preparation
Computer Studies					
10	Introduction to Computer Studies	ICS2O	Open	Elective	None
11	Introduction to Computer Science	ICS3U	University	Elective	None
12	Computer Science	ICU4U	University	Elective	Introduction to Computer Science 11, University Preparation

English

Grade	Course Name	Course Code	Course Type	Course Category	Prerequisites
English					
9	English	ENG1D	Academic	Compulsory	None
10	English	ENG2D	Academic	Compulsory	Grade 9 English, Academic or Applied
11	English	ENG3U	University	Compulsory	Grade 10 English, Academic
12	English	ENG4U	University	Compulsory	Grade 11 English, University
Optional Courses in English, Grades 11 and 12					
11	Media Studies	EMS3O	Open	Elective	Grade 10 English, Academic or Applied
12	The Writer's Craft	EWC4U	University	Elective	Grade 11 English, University

French as a Second Language

Grade	Course Name	Course Code	Course Type	Course Category	Prerequisites
9	Core French	FSF1D	Academic	Compulsory	Minimum of 600 hours of French instruction, or equivalent

Guidance and Career Education

Grade	Course Name	Course Code	Course Type	Course Category	Prerequisites
Guidance and Career Education					
9	Learning Strategies 1: Skills for Success in Secondary School	GLS1O	Open	Elective	None
10	Career Studies	GLC2O	Open	Compulsory	None

Health and Physical Education

Grade	Course Name	Course Code	Course Type	Course Category	Prerequisites
Health and Physical Education					
9	Healthy Active Living Education	PPL10	Open	Compulsory	None
10	Healthy Active Living Education	PPL20	Open	Elective	None
10	Personal and Fitness Activity	PAF20	Open	Elective	None
11	Healthy Active Living Education	PPL30	Open	Elective	None
11	Personal and Fitness Activity	PAF30	Open	Elective	None
12	Personal and Fitness Activity	PAF40	Open	Elective	None
12	Exercise Science	PSE4U	University	Elective	Any Grade 11 university or university/college preparation course in Science, or any Grade 11 or 12 open course in Health and Physical Education

Interdisciplinary Studies

Grade	Course Name	Course Code	Course Type	Course Category	Prerequisites
12	Sports and Entertainment Marketing	IDC4U	University	Compulsory	Any university or university/college preparation course

Mathematics

Grade	Course Name	Course Code	Course Type	Course Category	Prerequisites
Mathematics					
9	Principles of Mathematics	MPM1D	Academic	Compulsory	None
10	Principles of Mathematics	MPM2D	Academic	Compulsory	Grade 9 Mathematics, Academic
10	Foundations for College Mathematics	MFM2P	Applied	Elective Compulsory	Grade 9 Mathematics, Academic or Applied
11	Functions	MCR3U	University	Compulsory	Grade 10 Principles of Mathematics, Academic
11	Functions and Applications	MCF3M	University/College	Elective Compulsory	Grade 10 Principles of Mathematics, Academic or Foundations for College Mathematics, Applied
11	Foundations of College Mathematics	MBF3C	College	Elective Compulsory	Grade 10 Foundations of Mathematics, Applied
12	Advanced Functions	MHF4U	University	Elective	Grade 11 Functions, University, or Grade 12 Mathematics for College Technology, College Preparation
12	Calculus and Vectors	MCV4U	University	Elective	Advanced Functions course (MHF4U) must be taken prior to or concurrently with Calculus and Vectors (MCV4U).
12	Mathematics of Data Management	MDM4U	University	Elective	Grade 11 Functions, University, or Grade 11 Functions and Applications, University/College

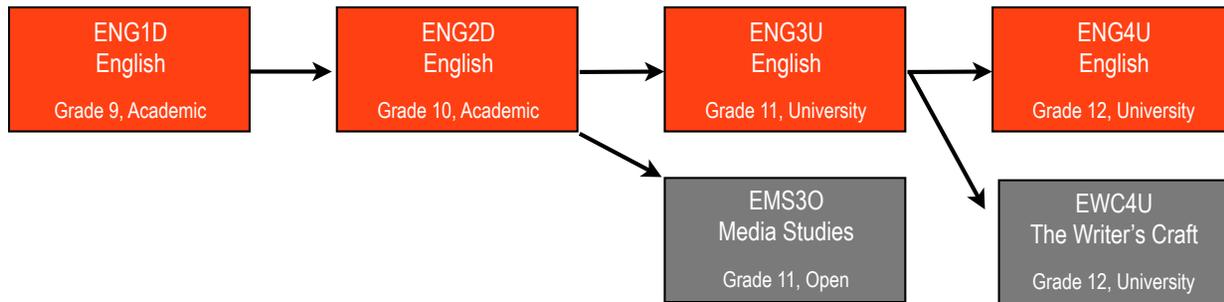
Science

Grade	Course Name	Course Code	Course Type	Course Category	Prerequisites
Science					
9	Science	SNC1D	Academic	Compulsory	None
10	Science	SNC2D	Academic	Compulsory	Grade 9 Science, Academic or Applied
Environmental Science					
11	Environmental Science	SVN3M	University/College	Elective	Grade 10 Science, Academic or Applied
Biology					
11	Biology	SBI3U	University	Elective	Grade 10 Science, Academic
12	Biology	SB14U	University	Elective	Grade 11 Biology, University
Chemistry					
11	Chemistry	SCH3U	University	Elective	Grade 10 Science, Academic
12	Chemistry	SCH4U	University	Elective	Grade 11 Chemistry, University
Earth and Space Science					
12	Earth and Space Science	SES4U	University	Elective	Grade 10 Science, Academic
Physics					
11	Physics	SPH3U	University	Elective	Grade 10 Science, Academic
12	Physics	SPH4U	University	Elective	Grade 11 Physics, University

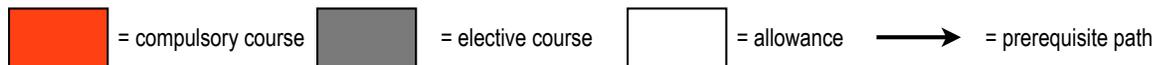
Social Sciences and Humanities

Grade	Course Name	Course Code	Course Type	Course Category	Prerequisites
Social Sciences and Humanities					
12	Individuals and Families in a Diverse Society	HHS4M	University/College	Elective	Any university, university/college, or college preparation course in Social Sciences and Humanities, English, or Canadian and World Studies
General Social Science					
11	Introduction to Anthropology, Psychology, and Sociology	HSP3M	University/College	Elective	None
12	Challenge and Change in Society	HSB4M	University/College	Elective	Any university, university/college, or college preparation course in Social Sciences and Humanities, English, or Canadian and World Studies
Philosophy					
12	Philosophy: Questions and Theories	HZT4U	University	Elective	Any university, university/college, or college preparation course in Social Sciences and Humanities, English, or Canadian and World Studies
World Religions					
11	World Religions: Beliefs, Issues, and Religious Traditions	HRT3M	University/College	Elective	None

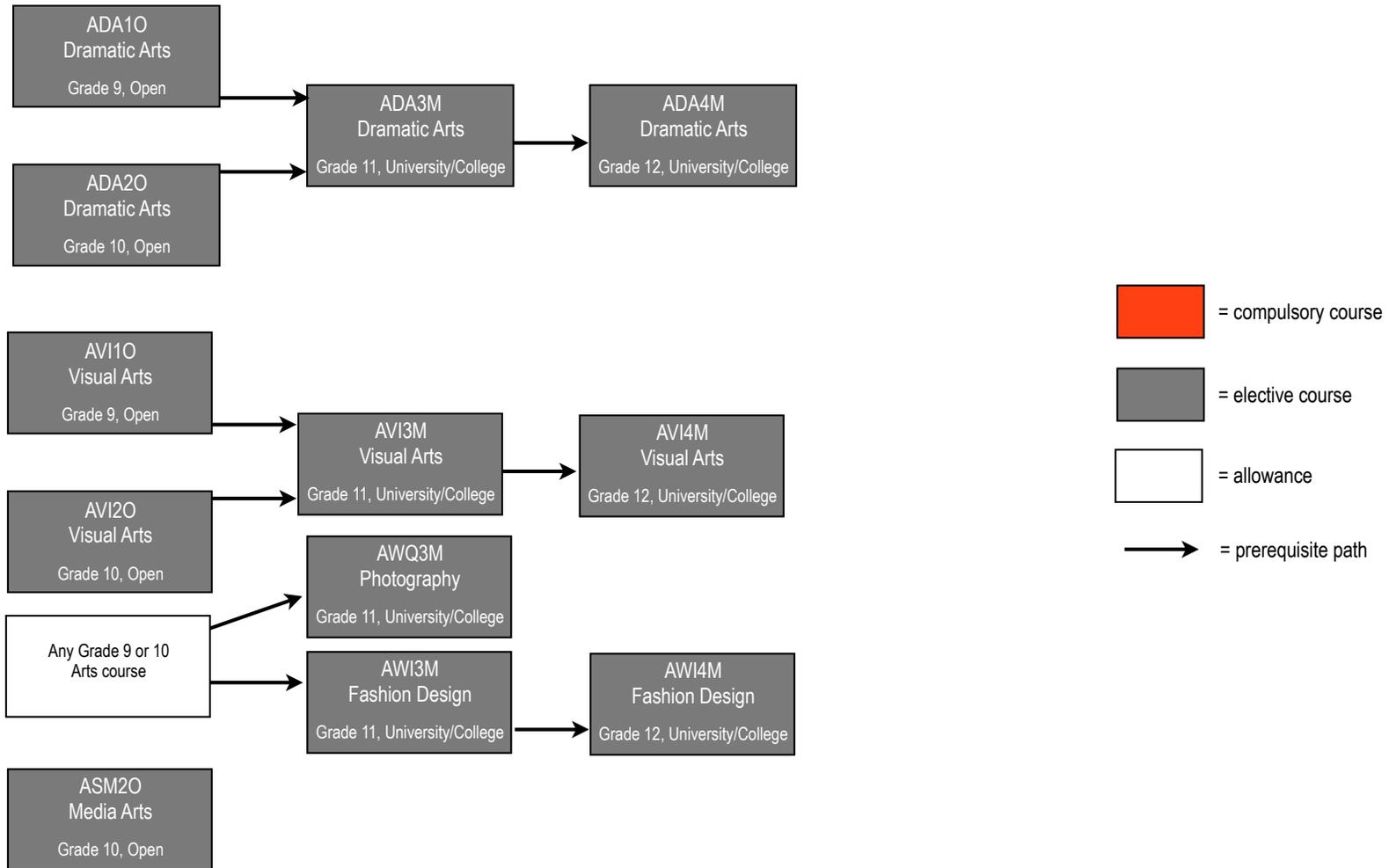
English



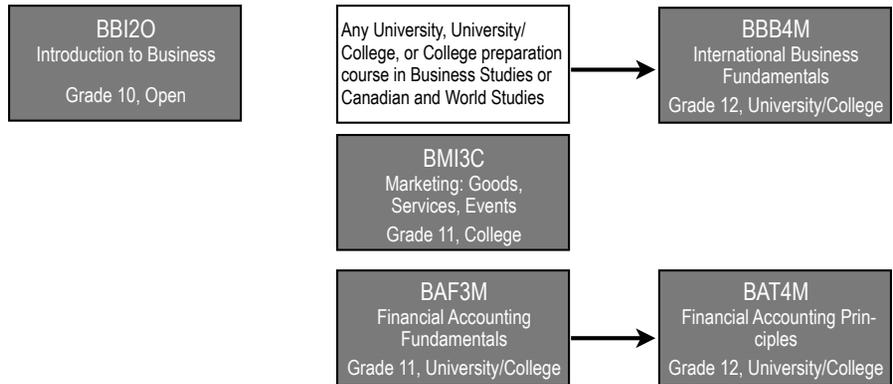
French



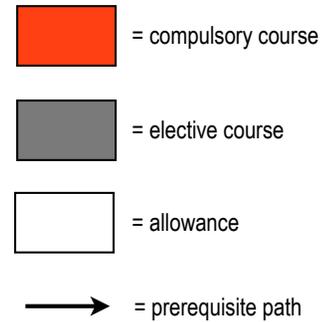
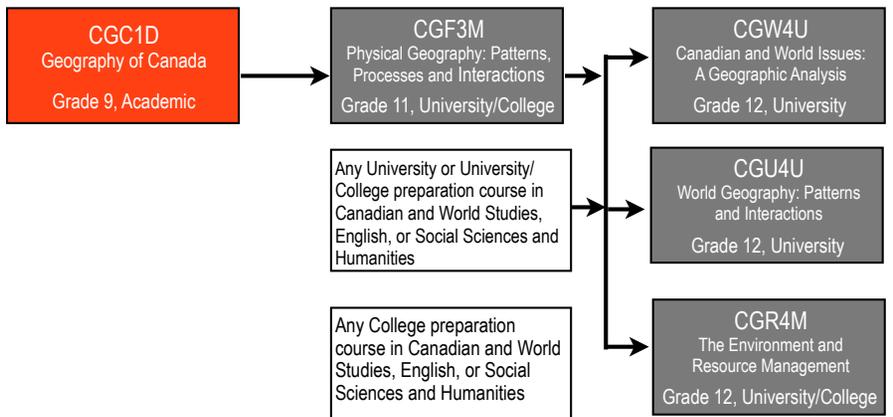
The Arts



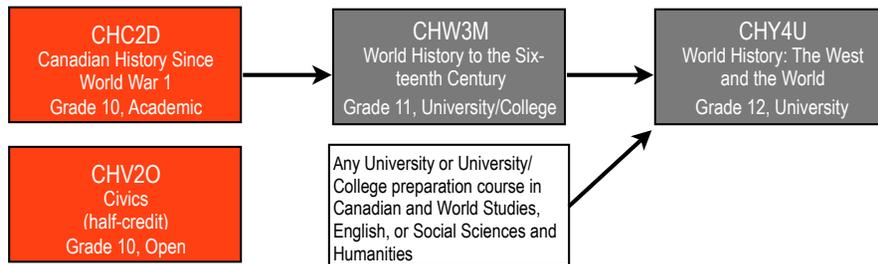
Business Studies



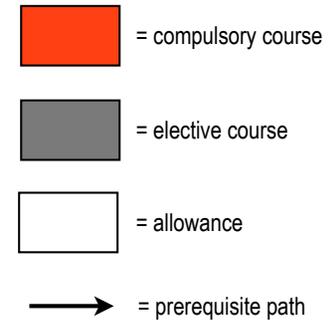
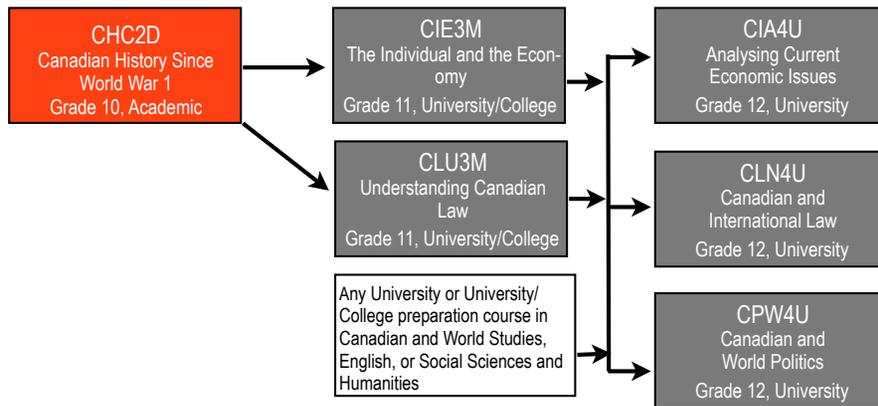
Canadian and World Studies - Geography



Canadian and World Studies - History (including Civics)



Canadian and World Studies - Economics, Law, and Politics



Guidance and Career Education

GLS10
Learning Strategies 1: Skills for
Success in Secondary School
Grade 9, Open

GLC20
Career Studies
(half-credit)
Grade 10, Open

Health and Physical Education

PPL10
Healthy Active
Living Education
Grade 9, Open

PPL20
Healthy Active
Living Education
Grade 10, Open

PPL30
Healthy Active
Living Education
Grade 11, Open

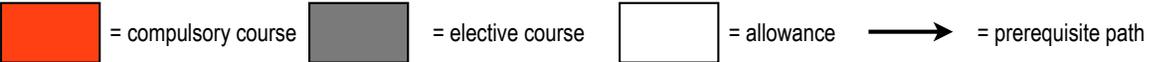
PSE4U
Exercise Science
Grade 12, University

Any University or University/
College preparation course in
Science.

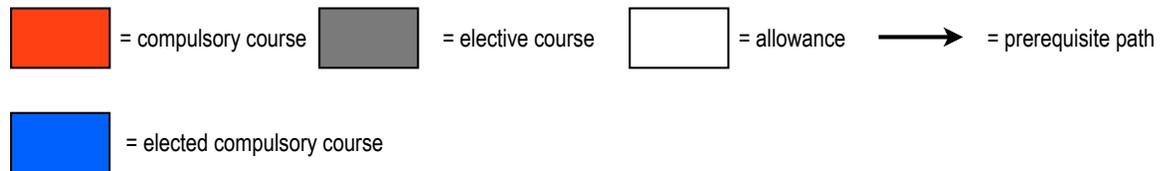
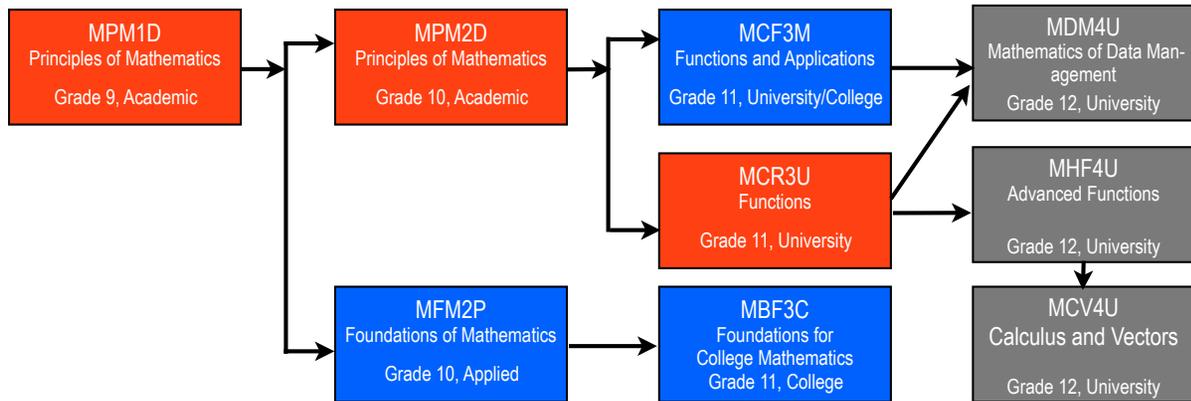
PAF20
Personal and Fitness
Activities
Grade 10, Open

PAF30
Personal and Fitness
Activities
Grade 11, Open

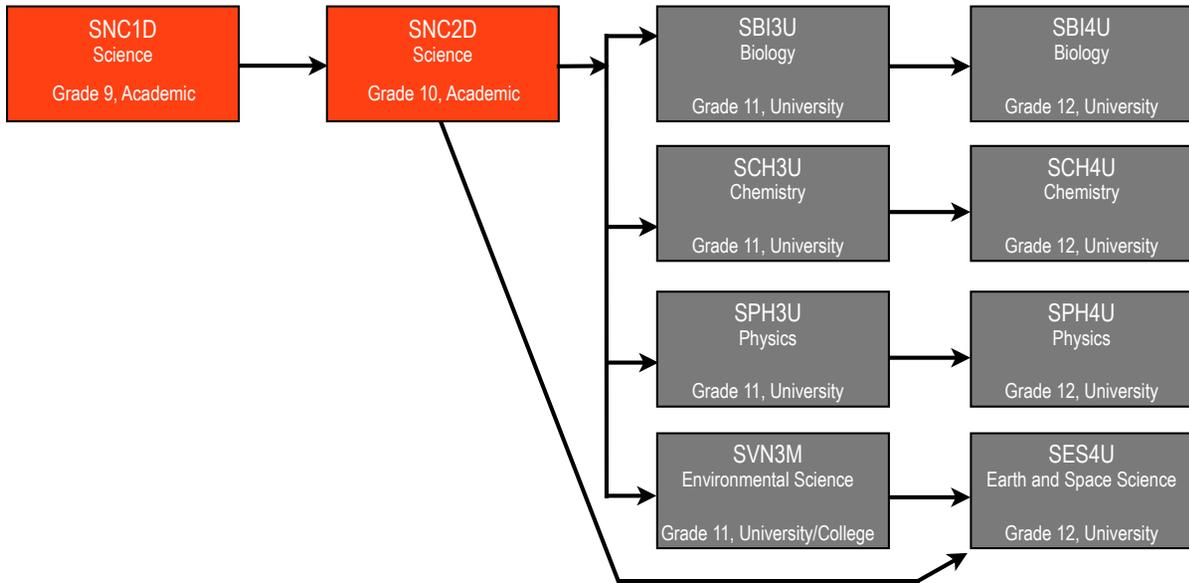
PAF40
Personal and Fitness
Activities
Grade 12, Open



Mathematics



Science



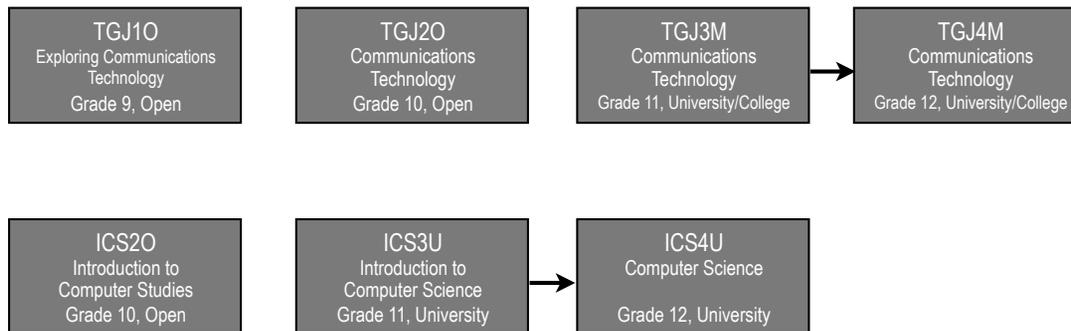
= compulsory course

= elective course

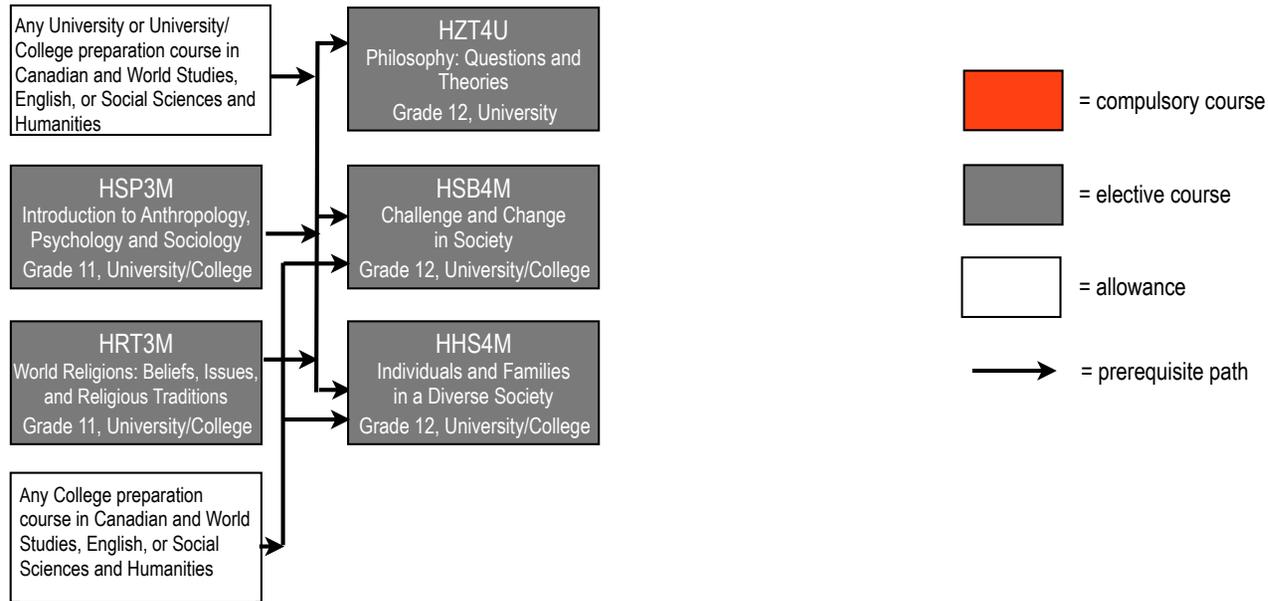
= allowance

= prerequisite path

Computer Studies and Technological Education



Social Sciences and Humanities



Toronto Prep School Course Selection Form 2012-2013 - Grade 9

Grade 9 Courses	Course Code	Check Box
English (Compulsory)	ENG1D	✓
French* (Compulsory)	FSF1D	✓
Geography of Canada (Compulsory)	CGC1D	✓
Healthy and Active Living (Compulsory)	PPL1O	✓
Principles of Mathematics (Compulsory)	MPM1D	✓
Science (Compulsory)	SNC1D	✓
Dramatic Arts	ADA1O	
Exploring Communication Technology	TGJ1O	
Learning Strategies 1: Skill for Success in Secondary School	GLS1O	✓
Visual Arts	AVI1O	

Students who have obtained exemption from French will be offered Exploring Communication Technology as a substitute for this compulsory.

Toronto Prep School Course Selection Form 2012-2013 - Grade 10

Grade 10 Courses	Course Code	Check Box
Canadian History Since World War I (Compulsory)	CHC2D	✓
Career Studies (Compulsory)	GLC2O	✓
Civics (Compulsory)	CHV2O	✓
English (Compulsory)	ENG2D	✓
Principles of Mathematics (Compulsory)	MPM2D	
Foundations of Mathematics (Elected Compulsory)	MFM2P	
Science (Compulsory)	SNC2D	✓
Communication Technology	TGJ2O	
Dramatic Arts	ADA2O	
Introduction to Computer Studies	ICS2O	
Healthy and Active Living Education	PPL2O	
Introduction to Business	BBI2O	
Media Arts	ASM2O	
Personal Activity Fitness	PAF2O	
Visual Arts	AVI2O	

Students who have obtained the necessary prerequisites may enroll in Grade 11 courses given permission of their parents and the principal.

Toronto Prep School Initial Course Selection Form 2012-2013 - Grade 11

English and Mathematics are the only compulsory courses at the grade 11 level. Students must take English (ENG3U) and select between Functions (MCR3U) or Functions and Applications (MCF3M) course and choose 6 more optional courses. Grade 11 students may also choose electives from the Grade 12 lists if no pre-requisites are required or if they have fulfilled the prerequisites.

Grade 11 Courses	Course Code	Check Box
English (Compulsory)	ENG3U	✓
Functions (Compulsory)	MCR3U	
Functions and Applications (Elected Compulsory)	MCF3M	
Foundations for College Mathematics (Elected Compulsory)	MBF3C	
Biology	SBI3U	
Chemistry	SCH3U	
Communications Technology	TGJ3M	
Dramatic Arts	ADA3M	
Environmental Science	SVN3M	
Fashion Design	AWI3M	
Financial Accounting Fundamentals	BAF3M	
Healthy and Active Living Education	PPL3O	
Introduction to Anthropology, Psychology and Sociology	HSP3M	

Grade 11 Courses	Course Code	Check Box
Introduction to Computer Science	ICS3U	
Marketing: Goods, Services, Events	BMI3C	
Media Studies	EMS3O	
Personal Activity Fitness	PAF3O	
Photography	AWQ3M	
Physical Geography: Patterns, Processes, and Interactions	CGF3M	
Physics	SPH3U	
The Individual and the Economy	CIE3M	
Understanding Canadian Law	CLU3M	
Visual Arts	AVI3M	
World History to the Sixteenth Century	CHW3U	
World Religions: Beliefs, Issues and Religious Traditions	HRT3M	

Toronto Prep School Course Selection Form 2012-2013 - Grade 12

English	Course Code	Check Box
English (COMPULSORY)	ENG4U	✓
The Writer's Craft	EWC4U	
The Arts	Course Code	Check Box
Dramatic Arts 12	ADA4M	
Fashion Design 12	AWI4M	
Visual Arts 12	AVI4M	
Social Sciences and Humanities	Course Code	Check Box
Challenge and Change in Society	HSB4M	
Individuals and Families in a Diverse Society	HHS4M	
Philosophy: Questions and Theories	HZT4U	
Computer Studies and Technological Education		
Communications Technology	TGJ4M	
Computer Science	ICS4U	
Health and Physical Education	Course Code	Check Box
Exercise Science	PSE4U	
Personal Activity Fitness	PAF4O	
Business Studies	Course Code	Check Box
Financial Accounting Principles	BAT4M	
International Business Fundamentals	BBB4M	

Science	Course Code	Check Box
Biology	SBI4U	
Chemistry	SCH4U	
Physics	SPH4U	
Earth and Space Science	SES4U	
Canadian and World Studies	Course Code	Check Box
Canadian and World Politics	CPW4U	
Canadian and World Issues: A Geographic Analysis	CGW4U	
World Geography: Human Patterns and Interactions	CGU4U	
World History: The West and the World	CHY4U	
The Environment and Resource Management	CGR4M	
Analysing Current Economic Issues	CIA4U	
Canadian and International Law	CLN4U	
Mathematics	Course Code	Check Box
Advanced Functions	MHF4U	
Calculus and Vectors	MCV4U	
Mathematics of Data Management	MDM4U	
Interdisciplinary Studies	Course Code	Check Box
Sports and Entertainment Marketing	IDC4U	

English is the only compulsory course at the Grade 12 level. Students must take this course and choose 5 or more optional courses depending on credit totals at the end of Grade 11.

Toronto Prep School Classes Grades 9 to 12 - Academic Year 2012 - 2013

Semester 1				
	Grade 9	Grade 10	Grade 11	Grade 12
Period 1	Principles of Mathematics MPM1D	Principles of Mathematics MPM2D	Healthy Active Living Education PPL30	Individuals and Families in a Diverse Society HHS4M
	Geography of Canada CGC1D	Canadian History Since W.W. 1 CHC2D	Physics SPH3U	English ENG4U
	Visual Arts AV10	Science SNC2D	English ENG3U	Earth and Space Science SES4U
	Dramatic Arts ADA10	Dramatic Arts ADA20		Communication Technology TGJ4M
Period 2	Principles of Mathematics MPM1D	Canadian History Since W.W. 1 CHC2D	English ENG3U	Canadian and World Issues: A Geographic Analysis CGW4U
	Learning Strategies: Skills for Success in Secondary School GLS10	Principles of Mathematics MPM2D	The Individual and the Economy CIE3M	Sports and Entertainment Marketing IDC4U
	Healthy Active Living Education PPL10	English ENG2D	Understanding Canadian Law CLU3M	Advanced Functions MHF4U
	Science SNC1D		Chemistry SCH3U	Mathematics of Data Management MDM4U
Period 3	Healthy Active Living Education PPL10	Civics CHV20 and Career Studies GLC20	Biology 11	English ENG4U
	Learning Strategies: Skills for Success in Secondary School GLS10	Healthy Active Living Education PPL20	Physical Geography: Patterns, Processes and Interactions CGF3M	Biology SBI4U
	English ENG1D	Introduction to Computer Studies ICS20	Visual Arts: Fashion and Textile Design AWI3M	Advanced Functions MHF4U
	Foundations of Mathematics MFM1P		Dramatic Arts ADA3M	Dramatic Arts ADA4M Challenge and Change in Society HSB4M
Period 4	Exploring Communication Technology TGJ10	Healthy Active Living Education PPL20	Introduction to Anthropology, Psychology and Sociology HSP3M	Calculus and Vectors MCV4U
	Learning Strategies: Skills for Success in Secondary School GLS10	Civics CHV20 and Career Studies GLC20	Functions MCR3U	Earth and Space Science SES4U
	Core French FSF1D	Exploring Communication Technology TGJ20	Introduction to Computer Science ICS3U	English ENG4U
	Geography of Canada CGC1D			Visual Arts AVI4M Exercise Science PSE4U

Semester 2				
	Grade 9	Grade 10	Grade 11	Grade 12
Period 1	English ENG1D	Visual Arts AVI2O	Functions MCR3U	Individuals and Families in a Diverse Society HHS4M
	Science SNC1D	Civics CHV2O and Career Studies GLC2O	Functions and Applications MCF3M	English ENG4U
	Principles of Mathematics MPM1D	Exploring Communication Technology TGJ2O	English ENG3U	The Environment and Resource Management CGR4M
		Dramatic Arts ADA2O	Environmental Science SVN3M	Canadian and International Law CLN4U Advanced Functions MHF4U
Period 2	English ENG1D	Canadian History Since W.W. 1 CHC2D	Functions MCR3U	English ENG4U
	Science SNC1D	Science SNC2D	Marketing: Goods, Services and Events BMI3C	World History: The West and the World CHY4U
	Principles of Mathematics MPM1D	English ENG2D	Photography AWQ3M	Visual Arts: Fashion and Textile Design AWI4M
				Financial Accounting Principles BAT4M
Calculus and Vectors MCV4U				
			World Geography: Human Patterns and Interactions, CGU4U	
Period 3	Visual Arts AVI1O	Science SNC2D	History to the 16th Century CHW3M	Writer's Craft EWC4U
	Dramatic Arts ADA1O	English ENG2D	Marketing: Goods, Services and Events BMI3C	Biology SBI4U
	Geography of Canada CGC1D	Principles of Mathematics MPM2D	Media Studies EMS3O	Mathematics of Data Management MDM4U
			Financial Accounting Fundamentals BAF3M	Canadian and World Politics CPW4U Physics SPH4U Analyzing Current Economic Issues CIA4U
Period 4	Core French FSF1D	Introduction to Business BBI2O	Communications Technology TGJ3M	Calculus and Vectors MCV4U
	Exploring Communication Technology TGJ1O	Media Arts ASM2O	Visual Arts AVI3M	International Business Fundamentals BBB4M
	Healthy Active Living Education PPL1O	Foundation of Mathematics (Applied) MFM2P	World Religions: Beliefs, Issues and Religious Traditions HRT3M	Philosophy: Questions and Theories HZT4U
Foundation of College Mathematics (Applied) MBF3C			Chemistry SCH4U Computer Science ICS4U	