



OTTAWA-CARLETON
DISTRICT SCHOOL BOARD

Secondary School Courses for 2011–2012



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Disclaimer: This document can be found on the OCDSB website. If there are any discrepancies, the online version should be considered the most up to date.

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How to Use This Document

Secondary School Courses 2011–2012

This resource is produced to encourage parents/guardians and students to keep themselves informed about secondary education in Ontario and the programs in their schools. Parents/guardians are encouraged to talk with their student to help him/her make appropriate educational plans. This resource is divided into the following three sections.

Section 1: Course Calendar Information

Provides basic factual information which relates to education across the Ottawa-Carleton District School Board.

Section 2: School Information and Course Offerings — Secondary Schools

- a) School Information Sheets: Provides a brief overview of each individual secondary school.
- b) School Course Offerings Charts: Provides information regarding school courses. These charts indicate by grade, subject area, and course code the courses the school plans to offer to its school community in the upcoming school year.

Section 3: Course Descriptions

Provides descriptions for grade 9 to 12 courses in each major subject area. The major subject areas are listed alphabetically.

- The Arts
- Business Studies
- Canadian and World Studies
- Classical and International Languages
- Computer Studies
- Cooperative Education
- English
- English as a Second Language
- French as a Second Language
- Guidance and Career Education
- Health and Physical Education
- Mathematics
- Native Studies
- Science
- Social Sciences and the Humanities
- Technological Education
- Planning Guide

On page 6 of this book there is a course selection planning guide to assist students and their parents/guardians with the course selection process. Students are encouraged to use this guide and keep it, where possible, in their academic or career portfolio. Turn to page 6 for the Education Planner.

Students select courses through a process at their home school. Of particular importance are the following:

The Course Selection Process

The final decision on course selection for students under 18 years of age rests with parents/guardians. Therefore, keeping in touch with the school's guidance counsellors is of great importance. Parents/guardians should consider the student's achievement for the past several years in conjunction with the advice of the school as aids in choosing a program within reasonable reach.

Course Option Sheet

Program selection for September will be made in February. Option sheets are an important vehicle for the educational planning process and are required each year. It is the responsibility of all students and their parents/guardians to complete course selections by the prescribed date. Subsequent modifications to a student's program will be made for sound educational reasons only. Please note that where enrolment is insufficient a course may be withdrawn or cancelled.

Interpreting Course Codes

- The first three characters indicate the course title.
- The fourth character indicates the grade level.
- The fifth character indicates the course type.
- The sixth character, if present, indicates program or credit differentiation.
- The sixth character in brackets indicates that multiple courses are offered.

ENG3U(G) means that that school offers both ENG3U and ENG3UG.

Example 1: CGC1P

CGC = Geography of Canada

1 = Grade Nine

P = Applied

Example 2: SCH3UE

SCH = Chemistry

3 = Grade Eleven

U = University

E = Enriched

Note: See page 7 for further details.



Accessibility for Ontarians with Disabilities Act

The Ottawa-Carleton District School Board supports the goals outlined in the Accessibility for Ontarians with Disabilities Act (2005), designed to identify, remove, and prevent barriers for people with disabilities in key areas of daily living, so that they may access and participate fully in the programs and services provided by our organization.

Graduation Requirements for Secondary School

Ontario Secondary School Diploma Requirements

The following requirements must be successfully completed in order to obtain an Ontario Secondary School Diploma (OSSD):

- 30 credits including 18 compulsory credits and 12 optional credits*
- 40 hours of community involvement
- successful completion of the EQAO Ontario Secondary School Literacy Test (OSSLT) or the Ontario Secondary School Literacy Course (OSSLC)

18 compulsory credits

Students must earn the following compulsory credits to obtain the Ontario Secondary School Diploma:

- 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:

- New 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***
- New 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***
- New 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***

In addition to the compulsory credits, students must complete:

- 12 optional credits†
- 40 hours of community involvement activities
- the provincial literacy requirement

*A maximum of 3 credits in English as a second language (ESL) or English literacy development (ELD) may be counted towards the 4 compulsory credits in English, but the fourth must be a credit earned for a Grade 12 compulsory English course.

**In groups 1, 2, and 3, a maximum of 2 credits in French as a

second language can count as compulsory credits, one from group 1 and one from either group 2 or group 3.

***A maximum of 2 credits in cooperative education can count as compulsory credits.

†The 12 optional credits may include up to 4 credits earned through approved dual credit courses.

12 Optional Courses

In addition to the compulsory credits, 12 optional credits are required. Elective credits are selected by the student based on their individual interests and goals. Parents, counsellors, teachers, and administrators can help the student make their selection.

Community Involvement

As part of the diploma requirements each student must make a positive contribution to the well-being of the community. The community involvement consists of student self-directed activities of at least 40 hours which must be completed before graduation. The activities must occur outside of normal instructional hours.

The purpose of the community involvement is to promote community values by:

- helping students understand how they can make a positive difference in their environment
- having students demonstrate their integrity
- having students contribute to their community
- increasing student awareness of community needs
- discovering the role students can play in making their communities better places in which to live and work
- developing a positive self-image and a greater sense of identity in the community
- providing a possibility for exploring career opportunities

Students will be informed of acceptable community involvement activities at the beginning of grade 9, how to register for community involvement, and the roles and responsibilities of schools/parents/students. In order to ensure that activities are on the OCDSB list, the student must obtain approval from the principal or designate before starting an activity.

For further information, please consult the document OCDSB Guidelines for Community Involvement available at www.ocdsb.ca.

Graduation Requirements for Secondary School

EQAO Ontario Secondary School Literacy Test (OSSLT)

The Ontario Ministry of Education has mandated that the Ontario Secondary School Literacy Test (OSSLT) be given to grade 10 students province-wide to determine if they can successfully demonstrate the reading and writing skills that apply to all subject areas in the provincial curriculum up to the end of grade 9.

The OSSLT is administered annually in the spring and is 2.5 hours in length. The OSSLT is designed, and its implementation is supervised, by the Ontario Education and Accountability Office (EQAO).

Receiving an Ontario Secondary School Diploma (OSSD) depends on passing the OSSLT. Students who are not successful on the test are able to attempt it again, in a future administration, or enrol in the Ontario Secondary School Literacy Course (OSSLC).*

Students with special needs may be permitted accommodations provided they have an Individual Education Plan (IEP). Students enrolled in ESL/ELD programs may be permitted special provisions or they may be deferred so that they write the OSSLT once they have a reasonable chance of success. Policies and guidelines regarding accommodations, deferrals, and exemptions are established and provided by EQAO.

***Note:** Enrolment in the OSSLC is limited to students who have written and have been unsuccessful on the OSSLT at least once.

Ontario Secondary School Literacy Course (OSSLC)

Students who have written the Ontario Secondary School Literacy Test at least once and have not been successful may take the Ontario Secondary School Literacy Course (OSSLC). Upon successful completion of the course, a student is deemed to have met the literacy requirements necessary to achieve an OSSD.

Certificate Requirements

The Ontario Secondary School Certificate

The Ontario Secondary School Certificate will be granted on request to students who leave school before earning the Ontario Secondary School Diploma provided that they have earned a minimum of 14 credits distributed as follows:

Compulsory credits (total 7)

- 2 credits in English
- 1 credit in Canadian Geography or Canadian History
- 1 credit in Mathematics
- 1 credit in Science
- 1 credit in Health and Physical Education
- 1 credit in the Arts or Technological Education

Optional credits (total of 7)

7 credits selected by the student from available courses

The provisions for making substitutions for compulsory credits also apply to the Ontario Secondary School Certificate.

The Certificate of Accomplishment

Students who leave school before fulfilling the requirements for the Ontario Secondary School Diploma or the Ontario Secondary School Certificate may be granted a Certificate of Accomplishment. The Certificate of Accomplishment may be a useful means of recognizing achievement for students who plan to take certain adaptive programs, or other kinds of additional training, or who plan to find employment after leaving school.

Students who wish to enrol in a Focus Program or an Online Course should obtain a Supplementary Option Sheet from the Student Services or Guidance Department. The Supplementary Option Sheet must be submitted at the same time as the home school option sheet.

Education Planner

Use the following chart to plan your course selection for obtaining your OSSD:

Subject	Year	1 Grade 9	2 Grade 10	3 Grade 11	4 Grade 12	Additional
1	→	English	English	English	English	
2	→	Mathematics	Mathematics	Mathematics		
3	→	Science	Science			
4	→	Canadian Geography	Canadian History			
5	→	French	Civics/ Career Studies			
6	→	Physical Education *				
7	→	Arts*				
8	→					

* Optional but often recommended in grade 9 (see below)

What do you Need to Graduate?

Checklist

18 Compulsory Credits

- 4 English*
- 3 Mathematics
- 2 Science
- 1 Canadian Geography
- 1 Canadian History
- 1 Health and Physical Education
- 1 The Arts
- 1 French as a Second Language
- .5 Career Studies
- .5 Civics

1 Credit from each of the following groups:

- 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
- Group 2** Additional credit in health and physical education, or the arts, or business studies, or French as a second language, or cooperative education
- 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

12 Optional Credits

-
-

40 Community Involvement Hours

Successful completion of the provincial literacy requirement OSSLT or OSSLC

Note:

- A maximum of three credits in ESL or ELD may be counted towards the four compulsory credits in English but the fourth must be a credit earned for a grade 12 compulsory English course.
- A maximum of two credits in Cooperative Education can count as compulsory credits.
- May include up to four credits achieved through approved Dual Credit courses.

Course Code Chart

SNC	1	D	F
The first three characters indicate the Ministry approved course title. In this example: SNC=Science	The fourth position indicates the grade or language level. In this example: 1 = Grade 9	The fifth position indicates the course type. In this example: D = Academic	If there is a character in the sixth position, it indicates program or credit differentiation or the focus of the course. In this example: F = Immersion
Major Subject Areas (First Position)	Grades	Course Type	Program Differentiation
A = The Arts B = Business Studies C = Canadian and World Studies E = English, English Literacy Development, English as a Second Language F = French G = Guidance and Career Education H = Social Sciences and the Humanities K = Non-credit courses L = Classical and International Languages M = Mathematics N = Native Studies P = Health and Physical Education S = Science T = Technological Education	1 = Grade 9 2 = Grade 10 3 = Grade 11 4 = Grade 12 Languages A = Level 1 B = Level 2 C = Level 3 D = Level 4 E = Level 5	Grades 9 and 10 D = Academic P = Applied O = Open L = Locally Developed (Compulsory Credit) Grades 11 and 12 U = University M = University/College C = College E = Workplace O = Open	A Single credit Cooperative Education course (Immersion) B Double credit Cooperative Education course (Immersion) C Single credit Cooperative Education D Double credit Cooperative Education E Enriched course F French Immersion/Extended French course G Gifted course H Advanced Placement course (AP) where language of instruction is French I Gifted course where language of instruction is French J French Immersion, enriched where language of instruction is French K Arts Canterbury course L Special Education Credit course M Regular Non-credit course N Special Education Non-credit course O Credit Recovery P Female Physical Education Q Male Physical Education R Advanced Placement course (AP) S Sheltered course (ESL/ELD) T eLearning course U Yearbook V Special Education Credit Recovery W First half of full credit course X Second half of full credit course Y First half of full credit Special Education course Z Second half of full credit Special Education course — All regular courses 1-9 Schools may use for internal scheduling purposes 0 Focus Program credit

Examples of Course Codes

Course Code	Subject Area	Grade	Course Type	Program 6th Character
ADA10	Dramatic Arts	9	Open	No 6th character indicates a regular program
TCJ3EC	Construction Technology	11	Workplace	Cooperative Education — single credit
CHC2DF	Canadian History Since World War I	10	Academic	Immersion, language of instruction is French

AN IMPORTANT NOTE: A sixth character in brackets indicates that multiple courses are offered. For example, SNC2D(F) means that the school offers both SNC2D and SNC2DF.

Understanding Courses and Codes

Courses

Courses are available in many subject areas in secondary school. Within a subject area, students can further specialize their course studies depending on their interests.

Credits

A credit is granted when a course that has been scheduled for a minimum of 110 hours is successfully completed. '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 the course. Planned learning activities include interaction between the teacher and student as well as assigned individual and/or group work, excluding homework. Half or partial credits may be offered for some courses and the amount of classroom instruction will relate accordingly (e.g., a half credit equals 55 hours).

Prerequisites

Prerequisite courses are courses which contain prior knowledge in a specific subject area which must be obtained before entering courses at a later grade level.

Types of Courses — Grades 9 and 10

Grade 9 and 10 courses are organized into three types: Academic, Applied, and Open. All courses build on the grade 8 curriculum and have rigorous standards. All courses prepare students for study in the senior grades.

Academic and Applied courses differ in the balance between essential concepts and additional requirements and in the balance between theory and application. They differ primarily, not in the level of skill required, but in the kinds of problems presented and the application of the content and concepts.

Academic Courses

Courses with a D in the fifth position focus on the essential concepts of the discipline and also explore related concepts. Course work develops students' knowledge and skills by emphasizing theoretical and abstract applications of the essential concepts and incorporating practical applications as appropriate. The emphasis is on theory and abstract thinking as a basis for further learning and problem solving.

Applied Courses

Courses with a P in the fifth position focus on the essential concepts of the discipline. Course work develops students' knowledge and skills by emphasizing practical, concrete application of these concepts and incorporating theoretical applications as appropriate. Course work relates to familiar real-life situations and provides students with the opportunity for extensive hands-on applications of the concepts they study.

Open Courses

Courses with an O in the fifth position have one set of expectations for the subject, appropriate for all students in a given grade. These courses are designed to provide students with a broad educational base that will prepare them for their studies in grades 11 and 12 and for productive participation in society.

Locally Developed Courses

Courses with a L in the fifth position have been developed to meet students' educational needs not met by the existing provincial curriculum. Three courses are available in grade 9: one in English, one in Mathematics, and one in Science. Each of these may be counted as a compulsory credit in that discipline. Additional locally developed courses may be approved for OCDSB schools in the future.

Types of Courses — Grades 11 and 12

Grade 11 and 12 courses are organized into five types based on students' future destinations. Students may choose from University Preparation, University/College Preparation, College Preparation, Workplace Preparation, or Open courses.

University Preparation Courses

Courses with a U in the fifth position provide students with the knowledge and skills needed to meet entrance requirements for university programs. Teaching and learning will emphasize theoretical aspects of the course content with supporting applications. The courses will focus on the development of both independent research skills and independent learning skills.

University/College Preparation Courses

Courses with a M in the fifth position include content that is relevant for both university and college. They provide students with the knowledge and skills they need to meet the entrance requirements for specific university and college programs. The range of courses offered and their content will allow students to prepare for college and university programs and related careers. Teaching and learning will emphasize both theoretical aspects and related concrete applications of the course content.

College Preparation Courses

Courses with a C in the fifth position provide students with the knowledge and skills to meet entrance requirements for most college programs and related careers. Teaching and learning will emphasize concrete applications of the theoretical material covered in the course and the development of critical thinking and problem-solving skills. Courses will focus on the development of independent research and learning skills.

Workplace Preparation Courses

Courses with an E in the fifth position prepare students to move directly into the workplace or to apprenticeship programs and other training programs in the community. These courses emphasize practical workplace skills.

Open Courses

Courses with an O in the fifth position allow students to broaden their knowledge and skills in a particular subject that may or may not be directly related to their post secondary goals but that reflects their interests. These courses are appropriate for all students regardless of post secondary destination.

Focus Courses

Within the curriculum there are many opportunities to meet program expectations through a variety of secondary school courses. This is particularly true in the Arts, Health and Physical Education, International Languages, and Technological Education. For example, in Dramatic Arts students can select a course with a single focus, such as:

- ADD Dramatic Arts — Production
- ADC Drama in the Community
- ADV Dramatic Arts — Film/Video

Focus courses are school specific. For descriptions of the focus courses offered at your school, contact the school's Student Services or Guidance Department.

Procedures for Students Who Wish to Change Course Types (Crossover Materials)

When a student plans to switch from one course type in grade 9 to the other in grade 10 in the same subject, the student will be strongly encouraged to successfully complete additional course work of up to 30 hours as defined by the Ministry in order to demonstrate achievement of the learning expectations that are included in the one grade 9 course but not the other. Crossover course material is available from your school or on the website http://www.ilc.org/school/courses/course_info_crossover.php, or search for 'crossover materials.'

General Information for All Students

Ontario Student Transcript (OST)

The Ontario Student Transcript (OST) will include:

- for grade 9 and 10 courses, the student's achievement with percentage grades for successfully completed courses only
- for grade 11 and 12 courses, all courses taken or attempted, percentage grades earned, and credits gained. If a student withdraws from a grade 11 or 12 course within five instructional days following the issue of the first provincial report card in a semestered or non-semestered school, the withdrawal is not recorded on the OST.

Courses are entered on the transcript using common course code designations issued by the Ministry of Education. Students and parents may access the OST by contacting the school principal or Guidance Department.

Semestered/Non-semestered

In semestered schools the school year is divided into two semesters and four terms. Students study up to four courses in the first half of the school year (Semester 1, Terms 1 and 2 — September to January) and a different four courses in the second half (Semester 2, Terms 3 and 4 — February to June). Reporting occurs two times per semester with a midterm report card and a final report card at the end of the semester.

In non-semestered schools the school year is continuous from September to June and is divided into three terms. Students study up to eight courses from the beginning of the school year to the end. Reporting occurs three times per school year at the end of each term (in November, April, and June).

Course Cancellation and Closure

Courses may be cancelled because of insufficient enrolment and staffing considerations or closed due to class size. Should a cancellation occur, students will be notified and asked to select an alternate course or an alternate course selected on the option sheet will be substituted.

Course Changes

Requests to change a program during the academic year will be considered only for a valid reason. The school may consider a timetable change request for reasons involving:

- a change in level of difficulty
- a timetable error
- summer school or night school results
- a change in career plans
- post secondary education admission requirements
- medical matters

Should a request be deemed valid the timetable will be adjusted, if possible, taking into account the master timetable and class sizes.

Evaluation of Students

The primary purpose of assessment and evaluation is to improve student learning. Evaluation is not an end in itself. It is part of the learning process for both the teacher and the student.

Evaluations measure a student's achievement in relation to the stated outcomes, expectations, and objectives of the course. There will be no exemptions from the final evaluation.

General Information

The procedures for evaluating student achievement vary from course to course to meet the requirements of different subjects, different levels of difficulty, and different learning environments. Teachers provide students with specific, written evaluation procedures at the beginning of each course.

Examinations

Examinations will be scheduled to minimize the number of students who are asked to write two exams in one day. No student will be asked to write more than two exams in one day.

District-wide Examinations

District-wide examinations are administered in the following subjects at the grade levels indicated below:

Mathematics

- Grade 10 Academic
- Grade 10 Applied

English

- Grade 12 University
- Grade 12 College

All students taking the course write the same examination at the same time at the end of the course. Each District-wide examination is marked according to a uniform set of criteria which is applied in all schools. Use of the set of criteria forms an essential part of the course for all students.

Prior Learning Assessment and Recognition Process (PLAR)

The PLAR process is the formal evaluation and credit-granting process whereby students may obtain credits for prior learning. Prior learning includes the knowledge and skills that students have acquired, in both formal and informal ways, outside secondary school. Students may have their knowledge and skills evaluated against the expectations outlined in provincial curriculum policy documents in order to earn credits towards the secondary school diploma.

Challenge for credit for courses based on provincial curriculum policy documents will be available to students only in courses actually taught in schools operated by the District. All credits granted through the PLAR process must represent the same standards of achievement as credits granted to students who have taken the course. Please check with your Student Services or Guidance Department for further information on PLARs.

Note: Mature students (at least 18 years of age and who have not attended day school for a period of at least one year) should contact Adult High School at 613-239-2707 or Continuing Education at 613-239-2620 for information regarding the PLAR process.

Mature students may:

- undergo individual assessment for the purpose of obtaining grade 9 and 10 credits

- present education and training credentials and/or other appropriate documentation for assessment through the equivalency process for the purpose of obtaining grade 11 and 12 credits
- challenge for credit for grade 11 and 12 courses

Policy and Procedure for PLAR are available on the OCDSB website, www.ocdsb.ca under Publications, Policy P.112.CUR, Procedure PR.631.CUR.

EQAO Grade 9 Assessment of Mathematics

The EQAO Grade 9 Assessment of Mathematics is conducted each year. All students enrolled in grade 9 Mathematics, Applied or Academic, write the assessment in January for semestered schools and in June for semestered and non-semestered schools. The purpose is to identify strengths and areas for improvement in student learning. This assessment is not a diploma requirement.

The EQAO has established policies and guidelines for providing special provisions for students enrolled in ESL/ELD programs and accommodations for students with special needs for whom there is an Individual Education Plan (IEP). Students with special needs and ESL/ELD students may be exempt from participating in the assessment where it is determined that accommodations or special provisions still would not enable the students to provide evidence of learning.

Code of Student Behaviour and Safe Schools Policy

The Ottawa-Carleton District School Board believes that school is a place that promotes responsibility, respect, civility, and academic excellence in a safe learning and teaching environment. Codes of conduct of individual schools are based on the Code of Conduct for Ontario Schools published by the Ministry of Education. To view this document or any other publication for the Ministry of Education, visit the Ministry website at www.edu.gov.on.ca. To access the OCDSB Safe Schools Policy, visit the District website at www.ocdsb.ca.

A Community of Character

The fundamental building blocks to a safe and caring school community are the relationships and partnerships between administrators, staff, parents, students, and the community. It is through these relationships and partnerships that all individuals in the school community have the opportunity to practice and model to one another the character attributes that are at the foundation of our board operations. The attributes in our "Community of Character" provide a standard of behaviour against which all individuals in our District hold themselves accountable. These attributes are what will bind us together and permeate all that we do. We believe they are the foundation for excellence and equity in education and are the cornerstone of our vision for our school communities.

Expectations of Students and Student Attendance

Regular attendance is essential to the learning process. When student learning is disrupted by irregular attendance, both the student and the class lose experiences which cannot be entirely replaced. Moreover, if the student habitually misses classes, he or she suffers in the evaluation process because student achievement cannot be evaluated. Attendance is, therefore, an essential component of every course.

Designated Schools, Student Transfers, and Transportation of Students

Information regarding designated schools and student transfer policy is available on the District website at www.ocdsb.ca or by contacting your school.

Parents and students must be aware of the importance of providing complete and accurate information. Should a student be discovered to be attending a school other than the designated school by virtue of false information having been provided to the OCDSB on the student's behalf, the student shall be required to move to the designated school at the earliest possible time that will not duly jeopardize the completion of courses already begun.

Transfers may affect a student's eligibility to participate in a specific sport. Consult with the school's athletic director for information about the Ontario Federation of School's Athletic Association (OFSAA) eligibility policy for sports when you are planning to change schools.

Student Services: Guidance and Counselling

Guidance and counselling services in secondary schools serve students by providing them with counselling and support in educational choices, career goals, and personal concerns. In addition, Student Services acts in a consultative and supportive role to parents and staff.

Educational Counselling — we support students in the following areas:

- appropriate high school course choices and resolution of timetable problems
- difficulties in learning, studying, or time management
- educational plans appropriate to abilities, interests, and goals
- college or university contacts and the post secondary application process
- financial assistance for post secondary education through Ontario Student Assistance Program (OSAP), scholarships, etc.

Career Counselling — we support students in the following areas:

- explore potential career options
- determine suitability for various vocations using a variety of resources

- find sources of information on careers (internet and text based)
- use programs such as Co-op and the Ontario Youth Apprenticeship Program (OYAP) to further their first-hand knowledge of the world of work
- assist in locating part/full-time or summer work
- additional learning opportunities after high school

Personal Counselling — we support students in the following areas:

- discuss the student and their relationships to others
- deal with any personal concerns and explore alternatives and/or solutions
- offer community resources where needed
- coordinate referrals to OCDSB Support Personnel (i.e., school social worker)

Library Services

In our secondary schools the library facility and teacher–librarian provide many resources and educational services for both students and staff. There are two key objectives of the library program:

- to teach students to become enthusiastic, skillful, and independent learners
- to work closely with teachers to plan teaching strategies that meet the curriculum expectations for research skills and information literacy outlined in Ministry documents. Some of the teaching strategies include lessons on the research process, evaluating and using electronic resources, and documenting sources

While each of our secondary school libraries is unique they have in common the following resources:

- Alexandria, an online library catalogue of the school's resources
- Collections of fiction designed for novel study, leisure reading, and second language students
- Computer workstations with Internet access
- Access to online databases
- Collections of non-fiction and reference materials designed to support the curriculum and research needs of both students and staff
- Magazines and newspapers
- Access to printers and photocopiers

All our secondary school libraries provide welcoming and inviting environments in which students can read, work, research, or study.

Student Success/Program Pathways

The OCDSB continues to develop new and innovative programming aimed at providing secondary school students with learning opportunities that meet the needs of all students. The Student Success Program has been initiated to focus on students who need additional help to be successful in their courses. Students in this program are supported by a Student Success teacher in every school. Support is offered through Credit Rescue and Recovery classes as well as Learning Strategies courses, and/or Guidance and Career Education (Discovering the Workplace at grade 10 and Navigating the Workplace at grade 12) courses. Students who have fallen behind in their credit accumulation should contact the Student Success teacher to see if they are eligible for the program.

Transition Programs

LINK Crew is a high school transition program that welcomes grade 9s and makes them feel comfortable throughout the first year of their high-school experience. Built on the belief that students can help students succeed, LINK Crew coordinators train members of the senior class to be LINK Leaders. As positive role models, LINK Leaders are motivators, leaders, and teachers who guide the grade 9s to discover what it takes to be successful during the transition to high school. LINK Crew increases grade 9 success. The LINK Crew High School Transition Program provides the structure for grade 9s to receive support and guidance from seniors who have been through the challenges that high school poses and understand that the transition to a larger school can sometimes be overwhelming. LINK Crew begins with an Orientation Day and the grade 9 transition program continues, providing a variety of both academic and social follow-up activities throughout the year all of which are presented by trained LINK Leaders during visits to grade 9 classes. This transition program exists at many high schools. Contact your local high school to see whether they have LINK Crew.

Program Pathways

A program pathway consists of the combination of courses that make up a student's educational program and the supports provided by the program. It is designed to allow students to explore a particular destination and should reflect the goals that motivate students to complete their secondary education. A program pathway will help students be successful in their transition to the workplace, apprenticeship, college, or university.

Students can select from a variety of types of courses to meet the needs of their individual pathways. Types of courses include: academic, applied, locally developed compulsory courses, open, workplace, college, university/college, and university. For more information about Program Pathways, contact the Student Services or Guidance Department in your school or the OYAP/Pathways Instructional Coach at the OCDSB at 613-596-8211, ext 8697.

When planning their pathway, students might consider the following experiential learning opportunities:

- **Cooperative Education** (refer to page 163)
- **Ontario Youth Apprenticeship Program (OYAP)**
www.edu.gov.on.ca/eng/training/apprenticeship/skills/oyap.html (refer to page 177)
- **Guidance and Career Education** (GLD20 Discovering the Workplace and GLN40 Navigating the Workplace)
- **Dual Credits Program with Algonquin College** — earn a high school credit and college credit concurrently
- **Ontario Skills Passport**
<http://skills.edu.gov.on.ca/OSPWeb/jsp/en/login.jsp>
- **PASS** (Partnering To Articulate for Student Success)
www.passpathways.on.ca

General Description of Dual Credit Programs with Algonquin College

Dual Credit programs are intended to assist secondary students in the completion of their Ontario Secondary School Diploma (OSSD) and successful transition to college and apprenticeship programs.

- Students can count a maximum of four college-delivered dual credits as optional credits towards the OSSD.
- Dual credits cannot be used as substitutions for compulsory credit requirements.

Admission Procedures for Dual Credits

Entry into the Dual Credit Program will be guided through the Student Success Team at the school or District level. Districts/schools and colleges will coordinate the exchange of academic progress information (marks and attendance) between colleges and secondary schools to support student success. Students (and, where appropriate, parents) will be informed of the credit value, evaluation approaches, and required passing grade for the college course and how information, including attendance records, will be shared between the college and the secondary school in accordance with the Freedom of Information and Protection of Privacy Act. For more information about Dual Credit courses, please contact the Student Services or Guidance Department in your school or the OYAP/Pathways Instructional Coach at the OCDSB at 613-596-8211, ext 8697.



Languages

The purpose of learning French for all of our students is to ensure that they will be able to communicate and interact in French with confidence in a safe and supportive environment and to develop the skills necessary to become culturally literate global citizens.

The FSL Programs (French as a Second Language)

The FSL curriculum comprises three programs: Core French, Extended French, and French Immersion. These programs reflect students' differing needs in studying French and are designed to provide students with different levels of intensity in developing their French language knowledge and skills.

Core French

The aim of the Core French Program is to provide students with fundamental communication skills in French and an understanding of the nature of the language and its culture. Core French offers students the chance to develop a usable command of the French language that can be expanded through further study or through contact with French-speaking people. By the end of the four-year program students will be able to participate in a straightforward conversation in French; will be able to read, with the help of a dictionary, books, magazines, and newspapers in French; and will be able to understand the general meaning of radio and television news and other programs.

Extended French

The aim of the Extended French Program is to develop students' French language knowledge and skills and to provide them with an understanding and appreciation of francophone culture in Canada and around the world. By the end of the four-year program students will be able to converse freely on familiar topics; will be able to read, with the occasional help of a dictionary, books, magazines, and newspapers in French; and will be able to function in a French-speaking community. Schools grant a certificate in Extended French if the student has successfully completed the sequence of four courses in Extended French and a minimum of three courses in other subjects taught in French.

French Immersion

The aim of the French Immersion Program is to develop and refine students' ability to communicate in French as well as to expand their knowledge of the language through the study of francophone literature. By the end of the four-year program students will participate easily in conversations and discussions, will be able to take courses at the college or university level in which French is the language of instruction, and will be able to accept employment in which French is the working language. Schools grant a certificate in French Immersion if the student has successfully completed the sequence of four courses in French Immersion and a minimum of six courses in other subjects taught in French.

International Languages Program

International Language courses (Arabic, Cantonese, German, Italian, Japanese, Mandarin, Somali) are offered in some regular OCDSB secondary schools. The Continuing Education Department runs the majority of credit courses in third languages on Saturday mornings at Glebe Collegiate Institute and Nepean High School and at Ridgemont High School on Tuesday evenings.

For the new school year programs are offered in: Arabic, Cantonese, Croatian, Dari, German, Hindi, Japanese, Modern Greek, Simplified Mandarin, Somali, Spanish, Swedish, Tamazight, Tamil, Thai, Traditional Mandarin, Urdu, and Vietnamese. For information on these and other languages, please contact the International Languages Program at 613-239-2703, or school guidance departments, and see the OCDSB's *Learning for Life* magazine, or the Continuing Education website — www.ocdsb.ca/programs/continweb/ILP/Pages/default.aspx.

Programs for elementary students and adults are also available. Current graduation requirements recognize at least one credit in a third language. Students learning a new language benefit from improved communication skills, intercultural understanding, and a global perspective that will enhance career opportunities. Students of International Languages may also wish to find out information about student exchange programs provided in the Additional Credit Opportunities section of this document.

Support for English Language Learners

English Language Learners New to Ottawa

Once families have arrived in Ottawa, they should contact the Family Reception Centre at 613-239-2416 to make an appointment for initial assessment and school placement. The Family Reception Centre staff will recommend the most appropriate placement for students after assessing their educational background, English language proficiency, and mathematics skills. The Family Reception Centre is open 12 months of the year and is located in the Adult High School building, 300 Rochester Street, Room 202. Families should call WELL BEFORE the first day of school in September, wherever possible, to avoid delays. Appointments will be scheduled only after families have arrived in Ottawa.

Please Note: The Family Reception Centre assesses students aged 4 to 20 who wish to pursue their education in the public school system at the elementary or secondary level. If you have any questions about whether or not your child requires an assessment, please contact the Family Reception Centre.

Support for English Language Learners

Course Selection — Completing the Option Sheet

Grade 8 and secondary students will complete the Option Sheet process at their school with the assistance of parents/guardians and school staff. Please contact your child's school for further information or contact ESL/ELD staff in Curriculum Services at 133 Greenbank Road at 613-596-8211, ext. 8539.

English as a Second Language(ESL) Support

ESL programs are intended for students whose first language is not English or is a variety of English significantly different from that used for instruction in Ontario schools and who arrive in Canada with age-appropriate first-language literacy skills and educational backgrounds. Secondary students receive a credit for their ESL language courses but the courses are not LINKed to any grade since placement is based on English language proficiency.

Transition Chart for Grade 8 to 9 Students Requiring ESL Support

Grade 8	Recommended for Grade 9 (Option Sheet)
ESL Stage 1	ESLAO and ESLBO or ESLBO and ESLCO
ESL Stage 2	ESLBO and ESLCO or ESLCO and ESLDO
ESL Stage 3	ESLCO and ESLDO or ESLDO and either ENG1L, ENG1P or ENG1D
ESL Stage 4	One only of: ENG1L or ENG1P or ENG1D (Course will be assigned to either semester 1 or 2 by the high school.)

Note: Students taking ESL language courses at the secondary level may also be able to choose some sheltered content courses to further support their learning, depending on availability. Please consult your child's secondary school Option Sheet for details.

English Literacy Development (ELD) Support

ELD programs are intended for students whose first language is not English or is a variety of English significantly different from that used for instruction in Ontario schools and who arrive in Canada with significant gaps in their education. They are most often from countries in which their access to education has been limited so that they have had limited opportunities to develop language and literacy skills in any language. Secondary students receive a credit for their ELD language courses but the courses are not LINKed to any grade since placement is based on English language proficiency and educational background.

Transition Chart for Grade 8 to 9 Students Requiring ELD Support

Grade 8	Recommended for Grade 9 (Option Sheet)
ELD Stage 1	ELDAO and ELDBO
ELD Stage 2	ELDBO and ELDCO
ELD Stage 3	ELDCO and ELDDO or ELDDO and ELDEO
ELD Stage 4	ESLCO and ESLDO (Note transition from ELD to ESL)

Note: Students taking ELD language courses at the secondary level will also choose some sheltered content courses to further support their learning. Please consult your child's secondary school Option Sheet for details.

Secondary Schools Offering ESL and ELD* Courses

- Adult H.S.
- Bell H.S.
- Brookfield H.S.
- Glebe C.I.
- Gloucester H.S.
- Rideau H.S.*
- Ridgemont H.S.
- Woodroffe H.S.*

Central Orientation Class (COC)

The focus of the COC is on acquiring English literacy and math literacy skills. Eligible students are aged 18 to 21 who are newcomers to Ottawa. Students earn one high school language credit per semester (e.g., ELDAO, ELDBO) depending on their level of English language proficiency. Mathematics is offered as either an upgrading or credit course depending on math proficiency. The COC is located at Adult High School. For more information on the COC or to make an appointment for assessment, please call the Family Reception Centre at 613-239-2416.

Multicultural Liaison Officers (MLOs)

The Ottawa Community Immigrant Services Organization (OCISO), in cooperation with the Ottawa-Carleton District School Board, provides the services of multicultural liaison officers (MLOs) to the Family Reception Centre and a number of schools. As a team MLOs are able to provide assistance in a variety of languages to schools to help address the settlement and integration needs of immigrant and refugee children and their families. Please contact the Family Reception Centre at 613-239-2416 or your child's school for more information.

Adult ESL Support (Credit)

Contact Adult High School's main office at 613-239-2707.

Adult ESL/Literacy Support (Non-credit)

Contact Continuing Education's English as a Second Language Programs for Adults at 613-239-2737 or 613-239-2297.

Special Education Programs and Services

The Ottawa-Carleton District School Board provides a range of programs and services available throughout the District in order to serve all students with special education needs. Many programs and services are available in the community school, but there is also a continuum of specialized placement options available to students who have been identified as exceptional pupils. Learning Support Services includes a range of supports available to schools including teaching staff, educational assistants, consultants, social workers, speech/language pathologists, and psychology staff.

Learning Support Teacher (LST)

While the primary responsibility for students with special education needs lies with the classroom teacher, a LST is available in each school. There are a number of roles the LST may serve depending on the school's specific needs including:

- co-teaching with the classroom teacher to meet the needs of the students
- providing consultative support to the classroom teacher
- providing resource support in the classroom
- providing small group support to target specific skill development
- administering educational assessments
- supporting the development and implementation of Individual Education plans
- facilitating the Identification Placement Review Committee (IPRC) process

Identification Placement Review Committee (IPRC)

The Identification Placement Review Committee is the process of identifying a student as exceptional as per the Ministry definitions and determining the placement and program that would best meet the needs of the student.

Special Education Advisory Committee (SEAC)

The Special Education Advisory Committee consists of three trustees, representatives of local associations, and three community members committed to furthering the interests of students with special education needs.

Individual Education Plan (IEP)

Every student who has been identified as exceptional by an IPRC will have an Individual Education Plan developed. Students who have not been identified as exceptional but require accommodations and/or modifications may also have an IEP developed. An IEP describes the accommodations for instruction, environment and/or assessment that are necessary for the student to achieve and demonstrate learning. It also outlines the specific learning expectations when a student's program is modified. This includes the teaching and assessment strategies that best meet the student's needs. In certain circumstances the IEP may also outline specific learning expectations that are alternative to the provincial curriculum.

Accommodation is the term used to refer to the special teaching and assessment strategies, human supports, and/or individualized equipment required to enable a student to learn and demonstrate learning. Accommodations do not alter the provincial curriculum expectations for the course.

Modification is the term used to refer to changes in the expectations for a subject/course in order to meet a student's learning needs. This may involve identifying knowledge and skills from a different grade level and/or increasing or decreasing the number and/or complexity of the regular grade-level curriculum expectations.

Alternative is the term used to refer to expectations developed to help students acquire knowledge and skills that are not represented in the provincial curriculum.

Specialized Programming

Several specialized programs are available across the District for students who have been identified as exceptional and whose needs cannot be met in the regular program. Admission to this specialized programming is through an application process that begins with the school team and referral to Learning Support Services.

The following secondary specialized programs are offered in various schools across the District:

- Asperger's Program
- Autism Program
- Behaviour Intervention Program
- Deaf/Hard of Hearing Program
- Developmental Disabilities Program
- Dual Support Program
- General Learning Program
- Gifted Program
- Learning Disabilities Program
- Physical Support Program

For a more detailed summary of Learning Support Services, please refer to the OCDSB's *Identification, Placement and Review Committee (IPRC) Parent Guide* as well as the OCDSB's *Special Education Plan* that are available at www.ocdsb.ca or at your school.

Specialized Programs and Services

Supervised Alternative Learning Program (SAL)

This program has been established to meet the legal requirements of compulsory attendance under the Education Act of 14, 15, 16, and 17-year-old students, where the parent/guardian requests an alternative learning experience outside of regular school attendance. The Ottawa-Carleton District School Board has established a SAL Committee, regulated under the Education Act, which meets to re-

Specialized Programs and Services

view applications to this program. Formal application to this program is made by parents and students in consultation with the school social worker and principal. The student's participation is monitored by the school social worker.

Day Care Program

This program provides parents with the opportunity to complete their high school education in a school setting. Students can attend full time, while their children are supervised by trained and qualified staff in a licenced on-site, day-care centre. Limited subsidized day-care spaces are available for students. Students are encouraged to take appropriate parenting courses. This program is available at the following schools:

- Adult High School
- Rideau High School
- Woodroffe High School

Section 23 Program (M.F McHugh Education Centre)

The focus of Section 23 programs is to provide treatment services and education for students whose needs are such that they are unable to attend their community school. While treatment is the primary focus, this partnership allows the student to continue his/her education without interruption.

Admission to the program is primarily through application to the Coordinated Referral Committee. However, depending on the program, referrals for admission may also be initiated by: social services agencies, medical personnel, or the judicial system. These partner agencies include: Children's Aid Society of Ottawa, Children's Hospital of Eastern Ontario, Crossroads Children's Centre, Dave Smith Youth Treatment Centre, Roberts/Smart Centre, Royal Ottawa Hospital, Youth Services Bureau, and Youville Centre.

Additional information about this program is available at your home school or contact M.F. McHugh Education Centre, 437 Donald Street, Ottawa, Ontario, K1K 1L8, (613-747-6885 or fax: 613-747-0258).

Home Instruction

This service provides instruction for students who are unable to attend school for a long-term period because of medical reasons. A letter requesting this service, complete with medical certification, is sent to the superintendent responsible for home instruction through the principal of your school.

First Place Alternate Program

First Place Program in an alternative program for students in grades 7, 8, or 9. The program is designed for students who are not experiencing success in the traditional school setting, and may be dealing with attendance, academic, anxiety, or social issues in their home school. First Place is not a behaviour program. The purpose of the program is to help students work on academic and social

issues in a structured, non-rotary setting. The length of placement is typically until the end of the school year. Intakes may occur at any time throughout the year. The ultimate goal of the program is successful re-integration to an OCDSB school. The curriculum follows the Ontario Curriculum. Placement in the program requires an application process, to be completed by a student advocate from the sending school (eg., LST, guidance counsellor, school social worker, principal). Applications are available on BEAM. For more information, please contact 613-239-2544.

Winning Attitudes

Winning Attitudes Specialized Co-op is a continuous intake co-op program designed to re-engage students aged 16 to 19 years old who have not been attending school or who have recently left school without graduating. Students may earn up to three co-op credits in a workplace and course work is delivered through self-paced online lessons. To be eligible for this program, a student must have at least some secondary school credits. For more information, please contact your guidance counsellor.

District Programs

District programs are identified with designated schools. They may or may not require specialized facilities. They do require a student to meet established entrance criteria. District programs may include an in-school set of program expectations and/or an out-of-school training program. Such programs would normally, but not necessarily, be offered over a number of years. Examples of District programs include: the International Baccalaureate Program, the Creative Arts Program, the Alternate Education Program, the Adaptive Program, and High Performance Athlete Program.

The International Baccalaureate Program

The International Baccalaureate (IB) Program is an intellectually rigorous diploma program that is recognized by universities in Ontario and throughout the world. The IB curriculum is prescribed by the International Baccalaureate Organization, with headquarters in Geneva, Switzerland. Colonel By Secondary School offers this program for strong academic students in addition to the Ontario Secondary School Diploma. Secondary School Diploma requirements and courses are integrated with the IB requirements so that, upon successful completion of the program, a student is awarded both the International Baccalaureate Diploma and the Ontario Secondary School Diploma.

The IB Program is taken during the final two years of secondary school. Students begin their preparation for the two-year Diploma Program by taking accelerated and enriched courses in the pre-IB years, grades 9 and 10. Students who enrol in the Diploma Program begin in grade 11 (IB1) and complete the program in grade 12 (IB2). To obtain an IB Diploma, candidates must successfully complete six IB courses and write an international examination in each of them.

Internal assessments and examinations are externally moderated in order to maintain international standards. Colonel By Secondary School is proud to offer the full diploma program exclusively. Individual certificates are not offered. The application process for the IB Program begins with the parents' information evening held at the end of November. The application process is composed of two parts: the Student Portfolio and the Canadian Achievement Test (CAT/3).

Contact the school IB coordinator by e-mail for further information at ibcb@ocdsb.ca.

Alternate Education Program

Under the new Ministry initiative for Student Success and Learning to 18, the five District Alternate Education Program sites are an excellent alternative for students who are not fully engaged in the traditional high school setting. Students in the Alternate Education Program range in age from 16 to 20 and may be discouraged by their apparent lack of success in their home school and/or have issues with attendance and motivation. The Alternate Education Program offers students flexibility and the opportunity to have more control over the means and pace of their learning through a combination of differentiated academic programs and Cooperative Education. Staff acknowledges diversity, encourages individual learning styles and interests, allows students to learn in their own way, and supports their social and emotional needs.

Students may apply to an Alternate Education Program through recommendation from their home school or may seek out this unique learning environment on their own. With a continuous intake system students are able to enter the program at different times of the year and those who have been out of school are welcome to use the program as an entry point to renew their engagement in learning. The application process begins with an entrance interview. Upon acceptance into the program the student is usually enrolled in a Lifeskills credit course. Once this course is completed the student has the option of attending either the Academic Program or the Cooperative Education Program. Students may work on both applied and academic credits. At the senior level a range of courses is provided at the open and college levels ensuring that graduates of the program can access college programs. Grade 12 university preparation courses are offered only in special circumstances. The alternate sites may offer some spaces for students who are under 16 years of age on an individual basis.

Students in the Alternate Education Program experience outstanding success. Upon completion of the program most students will achieve their OSSD and many will go on to college and others to the world of work. For further information, contact the guidance counsellor or vice-principal of your designated secondary school.

The alternate education sites are:

- Elizabeth Wyn Wood Secondary Alternate Program
- Frederick Banting Secondary Alternate Program
- Norman Johnston Secondary Alternate Program
- Richard Pfaff Secondary Alternate Program
- Urban Aboriginal Alternate High School Program

Adaptive Program

The Adaptive Program is designed to develop the social, academic, and work-related (employability) skills necessary for students to function independently in society and to become successfully employed.

Adaptive programs are offered at the following schools:

- Ottawa Technical Learning Centre
- Sir Guy Carleton Secondary School

The Adaptive Program offers a wide range of academic and technical courses (credit and non-credit) leading to an OCDSB Skills Portfolio.

The OCDSB Skills Portfolio includes:

- an Ontario Secondary School Diploma or Certificate
- a transcript
- a list of work experiences and co-op evaluations
- a list of occupation specific skills

Both adaptive sites offer extensive work experience and Cooperative Education programs that provide students with on-the-job training while earning credits towards a diploma (30 credits) or a certificate (14 credits or less).

Admission to the Adaptive Program is by referral and application. The referral is typically initiated by the Guidance/Special Education personnel at the student's home school. Students referred to the program have generally experienced academic difficulty in elementary school and are at risk of failure in the composite high school system. The application package, which includes academic testing and a Transitions Referral Form, must be completed for each applicant. The Adaptive Program ensures that every student in the District has a viable and positive pathways to success.

Students residing in the OCDSB east region will attend Ottawa Technical Learning Centre. Students residing in the OCDSB west region will attend Sir Guy Carleton Secondary School. Additional information about the Adaptive Program is available at the two schools or through the District website www.ocdsb.ca.

Focus and Specialist High Skills Major Programs

Creative Arts Program (Arts Canterbury)

A District Arts Program, known as Arts Canterbury, is offered at Canterbury High School. The program gives students the opportunity to do an in-depth study of one of Dance (Modern and Ballet), Drama, Literary Arts, Music (Wind or Stringed Instruments and Vocal), or Visual Arts.

Entry to the program is by audition only. Students may audition in only one of the Arts areas offered. The audition process assesses the student's ability and potential in the Arts area chosen, academic achievement, work habits, motivation, and Arts background. The auditions are held in February each year for entry into the program the following September.

The Arts Canterbury programs are suitable for students with a high interest and ability in the Arts and academics. Students are required to complete 30 high-school credits, designated by the Ministry of Education, to achieve the Ontario Secondary School Diploma including the courses in their special Arts focus area. Students who successfully complete the Arts Canterbury Program will also receive a Fine Arts Certificate recognizing this additional achievement. Although the actual Arts courses take place during the regular school day, students are expected to also participate in music ensembles, productions, recitals, and shows that occur outside the school day. It is expected that most students will go on to further studies in either Arts or academic disciplines after completing their OSSD.

For more information on the specific Arts programs, contact the arts coordinator at Canterbury High School at 613-731-1191, ext. 302 or visit the school's website at www.canterburyhs.ocdsb.ca.

High Performance Athlete Program

The High Performance Athlete Program (HPA) is a specialty program located at John McCrae Secondary School in Barrhaven. The program ensures that students endeavouring to maximize their athletic potential receive an education of the highest quality. Provision is made through both traditional and alternative forms of program delivery to support and balance educational goals with athletic goals. Candidacy for the program is done through an application process that measures the potential level of athletic performance and competition, training needs, academic performance, and flexibility. Criteria for admission is available upon request from Student Services at John McCrae Secondary School.

Focus Programs and Specialist High Skills Major (SHSM) Programs

Focus programs and Specialist High Skills Major (SHSM) programs give students the opportunity to take a concentration of courses in a subject area that may not be available at their home school. These programs feature a combination of in-class and practical experience, with the benefit of specialized facilities, equipment and teacher

expertise. Students enrolled in Focus and SHSM programs will attend the host school for one semester and then return to their home school to complete diploma requirements.

Note:

- Students who wish to enrol in a Focus Program or Specialist High Skills Major program must apply for these programs in addition to filling out their home school option sheet. Contact your Guidance counsellor for registration instructions.
- Focus and SHSM programs have limited enrolment. Students will be admitted on a priority basis in the following order: home school, neighbouring schools, remaining schools in the OCDSB.
- As these programs are only one semester in duration, students are not required to follow the OCDSB School Transfer Procedure.
- Transportation is not provided.
- Since the time of publication, other Focus or SHSM programs may have been approved, in addition to the ones listed below. Check with your Guidance counsellor for an up-to-date list of available programs.

Focus Program

- Exploring an area of interest
- Taken in grade 11 or grade 12
- Offered at a host school
- One semester commitment
- Package of four credits



Specialist High Skills Major Programs

- Certification and in-depth training in a chosen employment sector
- Taken in grade 11 and grade 12
- Apprenticeship, College, University, or Workplace pathways available
- Student takes a bundle of credits
- One semester at a host school
- Remaining credits and other requirements at home school
- Red Seal on OSSD plus additional program record transcript



911 Specialist

- SHSM Sector: Justice, Community Safety, and Emergency Services

Host Location	Program Type
Sir Robert Borden High School	SHSM

This program enables students to build a foundation of sector-focused knowledge and skills before proceeding to post secondary studies or the workplace. It provides opportunities to learn about all areas of emergency services (police, fire, paramedic services),

Focus and Specialist High Skills Major Programs

emergency management, community safety administration, correctional services, security and private investigative services, animal welfare services, search and rescue, and the armed forces. With its low rates of unemployment (for example, 0.4 per cent for police officers and firefighters) and high future retirement rates, graduates of the program have excellent prospects for employment.

The program offering includes two interdisciplinary credits: IDP30 and IDP40/4U. These courses draw upon curriculum expectations from law, social science and physical education to create dynamic learning environments at the grade 11 and 12 levels. Through regular experiential learning opportunities and program partnerships, students gain valuable sector based certifications, including WHMIS, First aid, CPR, AED, Self Defense, GPS/Map Reading, Conflict Resolution and Climbing Techniques.

Co-op placements provide students with an opportunity to supplement and enrich their experience. Beyond the immediate academic benefits, the program also boasts a strong partnership with the Ottawa Police and Paramedic Services, and academic partners including Algonquin College and Carleton University. Sir Robert Borden High School features related programs including: Health and Fitness, Geomatics, Co-operative Education, and LINK Crew Leadership.

IDP30 Prerequisite: None

IDP40/4U Prerequisite: IDP30

Advanced Culinary Education (ACE)

- SHSM Sector: Hospitality and Tourism

Host Location	Program Type
Sir Guy Carleton Secondary School	SHSM

Students will acquire practical skills in a commercial kitchen; with a focus on catering, baking, and food preparation skills. They will prepare and serve meals for groups of all sizes, demonstrating a variety of service styles. They will demonstrate safe operation of industry standard equipment, food handling, safety and sanitation. The Food Handler's Certificate and Smart Serve certification will be offered, as will other trade certifications such as First Aid and WHMIS. Students will be well prepared for hospitality careers in the food and beverage sector. This program is offered to senior students in a non-semestered setting as double credits in Hospitality and Tourism for both their grade 11 and 12 years. Students are expected to participate in related work experience as well as mandatory cooperative education credits.

Prerequisite: None

Automotive Repair*

- SHSM Sector: Transportation

Host Location	Program Type
Gloucester High School	SHSM
Merivale High School	SHSM

This program enables students to develop technical knowledge and skills as they study, test, service, and repair engine management systems; power trains; steering/control, suspension, brake, and body systems on automotive vehicles and/or small-engine products. Students will develop communication and teamwork skills through practical tasks, using a variety of tools and equipment. Students will develop an awareness of environmental and societal issues related to transportation, and will learn about apprenticeship and college programs leading to careers in the transportation industry. This program will provide students with opportunities to explore auto service repair, small engine service repair, and truck and coach repairs, through experiential learning, cross-curricular study, service industry training, and networking with businesses in the transportation industry. This program will prepare students for pre-apprenticeship opportunities in the workforce, as well as College/University programs.

Prerequisite: None

* **Subject to Ministry approval**

Broadcasting/Digital Media

- SHSM Sector: Information and Communications Technology

Host Location	Program Type
Sir Wilfrid Laurier Secondary School	SHSM

Students have the opportunity to develop skills in the latest forms of new media production. They will become competent in the use of a diverse cross-section of state-of-the-art technologies and industry-standard software and hardware.

Students in the Broadcasting stream will work in the school's advanced television studio, where they will learn the many tips and tricks necessary to produce live studio-based shows, pre-recorded ENG segments, and major multi-camera productions that capture audience attention and effectively drive home the message. The skills developed are appropriate for students entering the fields of broadcasting, journalism, or multimedia, where they need to sell themselves or their ideas.

Students in the Digital Media stream will develop advanced visual designs, layouts and illustrations, websites, 2-D and 3-D renderings and animations, and custom-authored interactive multimedia presentations. The skills developed are appropriate to students entering the fields of visual design, game development, or multimedia where quality visual presentation is paramount.

Prerequisite: None

Business: Entrepreneurship and Marketing*

- SHSM Sector: Business

Host Location	Program Type
Canterbury High School	SHSM

Focus and Specialist High Skills Major Programs

This program will give students an opportunity to specialize, gain qualifications, and plan a career pathway in various areas of the Business sector while still in high school. Students will have a 'leg-up' in pursuing post secondary opportunities in each of the identified sectors. Students will develop leadership, management, teamwork, and problem solving skills with this unique experience. The program will enable students to customize their high school experience to suit their interests and talents, and yet prepare for a successful transition either to a post secondary institution for further studies, or directly to the workplace. Ultimately, students will attain the skills and knowledge that are critical in the field of Business, which will help them make informed decisions about their direction after high school. The program helps students better prepare for life in a changing world.

Prerequisite: None

* Subject to Ministry approval

Cabinet Making

Host Location	Program Type
Glebe Collegiate Institute	Focus

Students will work with their teacher and cabinet-making companies in a cooperative environment to plan, design, and construct cabinet projects for schools, residential, and commercial sites. Students will learn to use hand and power tools appropriate to construction projects. Through a variety of cabinet-making projects, students will learn the art of joinery and how to select and install trim finishes. The program will also include the study of stains and lacquers as they apply to cabinet projects. Instruction will take place in the construction shop, classroom, and through projects undertaken in the community.

Prerequisite: None

Communication and Design

• SHSM Sector: Arts and Culture

Host Location	Program Type
Merivale High School	SHSM

Students have the opportunity to enhance their layout and design skills, expand their knowledge of typography, and create specific artwork that is driven by client and consumer needs. Students will focus on traditional media with assignments involving gouache and acrylic paint, prisma-colour pencil and ink. Students will also enter the digital environment, learning how to create vector graphics, scan images, and use Photoshop and Quark Xpress. During the Photography component, students will heighten compositional skills, shoot and process conventional black and white photos, solve compositional problems, and develop and selectively crop their images. In the Communications Technology lab, students will apply skills to a series of published documents and will also gain practical experience with internet publishing and Flash animation. Students will develop a comprehensive portfolio and will have practical experiences relating to the communication and

design industry in the Ottawa-Carleton area. Projects will satisfy the portfolio requirements of many graphic design faculties.

Prerequisite: None

Community Action*

• SHSM Sector: Non-profit

Host Location	Program Type
A.Y. Jackson Secondary School	SHSM

This program will provide students with the knowledge and experience to work within the expanding non-profit market sector. Students will undergo training in grant/proposal writing, fundraising, conflict resolution and communication skills. Students will develop an appreciation for the roles of non-profit organizations both in their local and global communities. Students will begin to build a résumé that demonstrates experience in event planning, volunteer work, leadership, and problem solving capabilities. Students will establish contacts in the Ottawa area, which is rich with non-governmental organizations (NGOs) and other non-profit organizations. Students in this program will gain experience and skills that will benefit them whether they choose to pursue post secondary studies, or proceed directly to the workplace.

Prerequisite: None

* Subject to Ministry approval

Community Support Services

• SHSM Sector: Health and Wellness

Host Location	Program Type
South Carleton High School	SHSM

Students will further their studies while exploring careers related to community support services: geriatric services workers, youth workers, early childhood educators, fitness trainers, among many other exciting choices. This inclusive learning program provides pathway opportunities for students pursuing post secondary studies as well as the workplace. Students will develop a 'helping attitude,' that will serve them well regardless of which area of specialty they decide to pursue. This program allows students to explore and experience emerging career pathways, because demographics indicate that graduates in the health and wellness sector will be in high demand in the near future.

Prerequisite: None

Construction Projects

• SHSM Sector: Construction

Host Location	Program Type
South Carleton High School	SHSM
Sir Wilfrid Laurier Secondary School	SHSM
West Carleton Secondary School	SHSM
Elizabeth Wyn Wood Sec. Alt. Program	Focus

Focus and Specialist High Skills Major Programs

Students will work with their teacher and a home-building company, where available, in a cooperative environment to construct/renovate a house, or build/modify other structures. Through a variety of in-class and on-site projects, students will focus on traditional and advanced construction techniques, as they apply to the construction industry. Students will work on a variety of projects, including: floor, wall, and roof framing; sheathing, window, door, and flooring installation; insulation, drywall, trim, painting; porch, deck, and shed construction, subject to availability of projects. Students will also apply estimating skills as they relate to lumber take-offs, square footage, volume and board-feet. Instruction will take place in-class and on a construction site.

Prerequisite: Students must be 16 years of age or older.

Digital Photography, Media and Imaging*

- SHSM Sector: Information and Communications Technology

Host Location	Program Type
South Carleton High School	SHSM

Students will participate in a comprehensive digital media program that will include print, photography, and graphic design, where they will gain experience, develop skills, and increase their knowledge of this career sector. Students will develop transferable skills that will prepare them for the school/post secondary/work transitions. A major focus of the program will be the development of a professional portfolio that includes sports photography, events photography, newsletters, creation of books, 3D effects, posters, brochures, and photo packages. This portfolio will be a living record that students will be able to use and update throughout their post secondary experience and on into their careers. Another key emphasis of the program will be on improving the student's awareness of the appropriate use of social media including Facebook, Youtube, Twitter, and LINKdin.

Prerequisite: None

** Subject to Ministry approval*

Electrical/Plumbing

- SHSM Sector: Construction

Host Location	Program Type
Rideau High School	SHSM

This program focuses on advanced general carpentry, electrical systems, and plumbing. It gives students experience working in the construction industry, and the electrical and plumbing trades in both residential and non-residential sectors. Students gain knowledge and skills in many aspects of home construction. They will learn the Ontario Building Code, read blueprints, gain experience in measurement, estimate materials, work in teams, and learn about and demonstrate the safe and proper use of hand and stationary power tools. Students will have an opportunity to acquire certifications that are recognized in the construction industry. The program is designed to prepare students for the job market or for apprenticeship training in plumbing

and electricity. It also provides suitable pathways for students wishing to continue their post secondary education at university or college.

Prerequisite: Students must be 16 years of age or older.

Emergency Services

- SHSM Sector: Justice, Community Safety, and Emergency Services

Host Location	Program Type
Osgoode Township High School	SHSM

This program enables students to build a foundation of sector-focused knowledge and skills before proceeding to post secondary or workplace opportunities. It permits students to have a particular focus – for example, on policing and private security services, or on the armed forces, or on correctional services. The sector includes areas such as emergency services (police and fire services), emergency management, community safety administration, correctional services, security and private investigative services, animal welfare services, and the armed forces. With its low rates of unemployment (for example, 0.4 per cent for police officers and firefighters) and high future retirement rates, this sector offers excellent prospects for employment.

There is a high level of interest in this program from community partners, students, and staff. The school already places students in co-op placements related to this sector and this program provides an opportunity to supplement and enrich existing programs. Beyond the immediate academic benefits, the program also boasts a strong partnership with the Ottawa Police Service, which helps to build an integrated school safety and community policing initiative. The school also features related programs including: Health and Fitness, Co-operative Education, and LINK Crew Leadership.

Prerequisite: None

Fabrication

- SHSM Sector: Manufacturing

Host Location	Program Type
South Carleton High School	SHSM

Students have the opportunity to experience the fabrication trade through a variety of on-site and in-class projects which focus on design, welding, and quality control standards as they relate to the manufacturing industry. Student work will include both traditional and advanced manufacturing processes as they apply to design principles, electronic, pneumatic, and hydraulic control systems. Students will investigate, evaluate, and select metals appropriate for projects and learn to use hand tools, power tools, and welding techniques. Instruction will take place in the manufacturing shop, classroom, and through projects undertaken in the community.

Prerequisite: None

Focus and Specialist High Skills Major Programs

Green Learning

- SHSM Sector: Environment

Host Location	Program Type
Nepean High School	SHSM

Businesses and governments are looking for new and innovative solutions to a myriad of issues, such as climate change, natural resource depletion, air and water pollution, waste management, and loss of biodiversity. This program will provide students with an opportunity to become participants in helping to provide solutions to some of these local and provincial issues. The program focuses on environmental protection and stewardship as it relates to renewable energy, sustainable societies, and the conservation and preservation of the natural world. Experiential learning opportunities include field ecology, habitat restoration, environmental impact studies of terrestrial and aquatic ecosystems. Students will also learn how to use technology in their decision making (e.g., GPS, GIS, Arc View) and data to model future scenarios.

Prerequisite: None

Landscape and Design

Host Location	Program Type
Bell High School	Focus

Students will focus on design, construction, and maintenance relating to the landscaping industry. Students will work with their teacher and landscape companies in a cooperative environment to plan, design, and construct outdoor spaces for schools, residential, and commercial sites. Students will learn to use hand-and-power tools appropriate to construction projects. Through a variety of in-class and on-site projects, students will learn the fundamentals of landscape design, the art of working with interlocking stone, and the essentials of creating and installing retaining walls. In addition, students will learn how to install water features in landscaping projects. The program will also include the study of plant and tree species and their use in landscape design. Instruction will take place in the greenhouse, classroom, and through projects undertaken in the community.

Prerequisite: None

Musical Theatre

Host Location	Program Type
Sir Robert Borden High School	Focus

Students have the opportunity to experience musical theatre through a broad overview of the history, styles, works, and artists of the musical theatre genre. Students will rehearse and perform portions of musicals and be introduced to choreography for theatre. Students

in this program will focus on drama, dance, music, and stage design that

will support the large-scale musical theatre production — *Chicago*.
Prerequisite: two of *Dance, Music, Dramatic Arts, or Visual Arts* courses from grades 9 or 10

***Subject to Ministry approval**

Precision Engineering and Fabrication

- SHSM Sector: Manufacturing

Host Location	Program Type
Hillcrest High School	SHSM

Students have the opportunity to experience the tool-and-die trade through a variety of on-site and in-class projects which focus on design, fabrication, and quality control standards as they relate to the manufacturing industry. Student work will include both traditional and advanced manufacturing processes as they apply to design principles, electronic, pneumatic, and hydraulic control systems. Students will investigate, evaluate, and select metals appropriate for projects and learn to use hand tools, power tools, and welding techniques. Instruction will take place in the manufacturing shop, classroom, and through projects undertaken in the community.

Prerequisite: None

*** Subject to Ministry approval**

Sports Broadcasting*

- SHSM Sector: Sports

Host Location	Program Type
Sir Wilfrid Laurier Secondary School	SHSM

Sir Wilfrid Laurier was designed around the concepts of sports and technology. It is physically LINKed to the Ray Friel Athletics Centre and shares its facilities. This includes three hockey rinks, a large pool, and exercise facilities. In addition, the school itself has its own weight room, a triple gym, and two sports fields. Regarding technology, the school boasts a full broadcasting studio and the accompanying technology to store, catalogue, and stream all productions across the school and across the District. The school's Athletics and Technology programs will cooperate to integrate sports and broadcasting in a unique program which benefits not only students, but also the community at large. A partnership with Rogers Cablevision will enable student opportunities to provide play-by-play and video coverage of school and community athletics across the region. Post secondary partnerships will also add further depth to the program. The net result will be a unique curricular combination where students who graduate from the program are well versed in all aspects of athletics, but also in the skills required to coach, referee, and produce network quality broadcasts of a diverse range of sporting events.

Prerequisite: None

*** Subject to Ministry approval**

Sports: Performance Focus*

- SHSM Sector: Sports

Host Location	Program Type
Woodroffe High School	SHSM

Students will develop their athletic abilities with a special focus on performance. Staff will work with the 'whole' person, challenging student athletes to grow emotionally and overcome specific performance problems. As a result, students gain confidence to pursue their post secondary education and build on their success by gaining transferable skills for whatever career choices they make. This program will also benefit students by promoting healthy and active living. Because of the additional training that students will receive in the areas of group dynamics, team-building, and communication, students will be able to perform with a sense of confidence and satisfaction, in pursuing their dream of a career in the area of high performance sports, or a related field. Students pursuing careers in numerous fields, some of which include police foundations, physiotherapy, kinesiology, nutrition, child care, audiology, fitness instruction, and social work, all areas of the medical and sports fields, will also benefit from this program.

Prerequisite: None

** Subject to Ministry approval*

Youth Voices (Aboriginal and Other Cultures)*

- SHSM Sector: Arts and Culture

Host Location	Program Type
Rideau High School	SHSM

Rideau High School has partnered with the Adobe Foundation through their Adobe Youth Voices (AYV) Program, for several years. The school is equipped with the latest Adobe software and a state-of-the-art venue for showing and publishing student media works. Further, the Aboriginal community has many Arts traditions; businesses in Art, Design, and Media are emerging that use these technologies. With a strong resurgence of interest in Aboriginal music and dance, there is great potential for careers related to the Arts and Media. This program will allow First Nations, Metis, Inuit, and other Aboriginal students to learn about traditions, and contemporary perspectives while gaining Design, Media, and Communications Technology Skills. This program will permit Aboriginal students the opportunity to express their unique perspectives as urban Aboriginal youth, while preparing for their future education and employment.

Prerequisite: None

** Subject to Ministry approval*

eLEARNING

Taking an online course may provide more flexibility in a student's timetable and provides a valuable opportunity for the student to build independent learning skills that will be needed to be successful in whatever post secondary pathway they choose.

The OCDSB offers online courses to students enrolled in any of the secondary schools within the District as part of our day school program. We also support opportunities for students to take day school online courses through other school districts across Ontario when these courses are not available within our District. Students must have the permission of their principal to take an online course. For more information about eLearning opportunities, please go to <http://www.ocdsb.ca/programs/sec/ol/elearning/Pages/default.aspx>.

Any student interested in taking an online course should contact their guidance counsellor for registration instructions. Students must complete a brief online orientation before their course begins.

Some Online Courses FAQs

Q: How many online courses can a student take?

A: Online courses are part of the day school program. A student may not take more than a full course load which is no more than four courses per semester (combined total of in-school and online day school courses).

Q: Are online courses easier than face-to-face courses?

A: No. In fact, some students find online courses very challenging.

To be successful in an online course you need:

- daily, reliable internet access;
- enough time set aside to work through your online course and complete the assignments;
- the ability to follow written instructions and to keep yourself on task.

Q: At what time of the day will the course be running?

A: Students are expected to log in every school day, however, they may choose the best time of day for them to learn — students and their teacher do not need to be logged on at the same time. It should be noted that there will be timelines for completing assignments and tasks associated with the course.

Q: When does the course start and end?

A: The semester start and end dates correspond to those for the OCDSB calendar. Each course is moderated by a teacher and students progress through a course together with their class much like they would in a face-to-face semestered class.

The following online courses may be offered in 2011–2012 by the OCDSB or through other districts, subject to sufficient enrolment.

Grade 10	
ASM2OT	Media Arts
CHV2OT	Civics (0.5 credit)
GLC2OT	Career Studies (0.5 credit)
TGJ2OT	Communications Technology
Grade 11	
BAF3MT	Introduction to Financial Accounting
BDI3CT	Entrepreneurship: The Venture
BMI3CT	Marketing: Goods, Services, Events
BTA3OT	Information Technology Applications in Business
CGF3MT	Physical Geography: Patterns, Processes, and Interactions — French Immersion
CGG3OT	Travel and Tourism: A Regional Geographic Perspective
CHA3UT	American History
CHI4UT	Canada: History, Identity, and Culture
EMS3OT	Media Studies
ENG3UT	English
GWL3OT	Designing Your Future
HLS3OT	Living Spaces and Shelter
HNC3OT	Fashion and Creative Expression
HPC3OT	Parenting
HRT3MT	World Religions: Beliefs, Issues, and Religious Traditions
MBF3CT	Foundations of College Mathematics
ICS3CT	Introduction to Computer Programming
ICS3UT	Introduction to Computer Science
MCF3MT	Functions
MCR3UT	Functions
NBV3ET	Aboriginal Beliefs, Values, and Aspirations in Contemporary Society
PPZ3OT	Health for Life
SBI3CT	Biology
SVN3MT	Environmental Science
SPH3UT	Physics
TGJ3MT	Communications Technology

Grade 12	
AVI4MT	Visual Arts
BAT4MT	Financial Accounting Principles
BBB4MT	International Business Foundations
BOH4MT	Business Leadership: Management Foundations
CGR4ET	The Environment and Resource Management
CGR4MT	The Environment and Resource Management
CHI4UT	Canada: History, Identity, and Culture
CHY4UT	World History: The West and the World
CIA4UT	Analyzing Current Economic Issues
CGW4UT	World Issues
CLN4UT	Canadian and International Law
ENG4CT	English
ENG4UT	English
ETS4UT	Studies in Literature
EWC4UT	The Writer's Craft
FSF4UT	Core French
GLN4OT	Navigating the Workplace
HHS4MT	Individuals and Families in a Diverse Society
HNB4OT	The Fashion Industry
HSB4MT	Challenge and Change in Society
HZT4UT	Philosophy: Questions and Theories
ICS4CT	Computer Programming
ICS4UT	Computer Science
IDC4UT	Interdisciplinary Studies — Peer Tutoring*
MAP4CT	Foundations for College Mathematics
MCT4CT	Mathematics for College Technology
MCV4UT	Calculus and Vectors
MDM4UT	Mathematics for Data Management
MHF4UT	Advanced Functions
SCH4CT	Chemistry
SES4UT	Earth and Space Science
SNC4MT	Science
SPH4CT	Physics
SPH4UT	Physics
TGJ4MT	Communications Technology

* Intended for students with successful online learning experience.

The sixth character (T) indicates that these courses are offered as online courses.

Student Exchange Program

Student Exchange Program

The OCDSB supports students participating in international individual or group exchanges. For individual exchanges, students usually need to apply by February for the following year's exchange. Look for information from November through January in your school guidance or language departments or on the OCENET (Ottawa-Carleton Education Network) website — www.ocenet.ca. Participating students must be achieving academic success and be willing to enhance their linguistic skills and experience another culture. The principal's recommendation is necessary. Students attend the host school and participate in all related activities. Canadian parents must agree to host the matched foreign student in their home for the first part of the exchange which is usually in the fall term. In return, the parents of the foreign student will host the Canadian student in their home during the second part of the exchange which usually takes place in early spring. Other exchange opportunities based on full-year study are also available through various exchange organizations.

It is also beneficial and advisable for students to consider taking courses in the language of the exchange destination although in some cases this is not mandatory. Credit courses in International Languages are available in most high schools with a wider variety offered through Continuing Education's International Languages Program (613-239-2703).

For information on exchange organizations recognized by the Ottawa-Carleton District School Board, please consult the OCENET website — www.ocenet.ca under the section International Projects and Exchanges.

You may also contact Constantine Ioannou at Ottawa International Projects and Exchanges at 613-239-0166 or 613-239-0187 or by e-mail at constantine.ioannou@ocdsb.ca.

The following websites represent exchange organizations that have involved OCDSB students:

CEEF — Canadian Education Exchange Foundation, www.ceef.ca

ISE — International Student Exchange (Ontario), www.iseontario.on.ca

STS — Student Travel Schools, www.sts-education.com

YES — Youth Educational Services, www.youthedservices.ca

Summer Programs for Grade 8 students

A number of summer programs are available through Continuing Education to help your child prepare for secondary school. To learn more visit <http://www.ocdsb.ca/continuwweb>.

- Language Arts for English Language Learners (ELL) — a dynamic, interactive program focusing on the improvement of skills and language learning for students in ESL or ELD programs for Stage 1 and 2 ESL, stage 1-4 ELD.
- Remedial Language Arts and Math — program designed to boost student's skills in Language Arts and Math based on current teaching approaches for students working at Level 2 or below.
- Get Ready for Grade 9 Math — a program designed to further develop the core knowledge, understanding of math concepts, and skills needed for the grade 9 academic math program.
- Reach Ahead Credit Program — provides an opportunity for students to acquire a credit in July.

Courses include:

- Principles of Mathematics (MPM1D)
- Geography of Canada (CGC1D)
- Introduction to Information Technology in Business (BTT10)

Note on Course Offerings

The following section contains a description and detailed course listing for each secondary school in the OCDSB. Please refer to each secondary school option sheet for the most up-to-date information. If there is a discrepancy between the option sheet and this booklet, the option sheet will take precedence.

More detailed information for each of the schools including EQAO, OSSLT, and District-wide Assessment results may be found at the OCDSB website www.ocdsb.ca/sch/pages/default.aspx. There you will find a LINK to each school website and to the School Profile for each school.

Adult High School

300 Rochester Street
Ottawa, ON K1R 7N4



School Info

Phone

613-239-2707

Fax

613-232-1616

www.adulthts.ocdsb.ca

Principal

Robert Armstrong

Vice-principals

Richard Lalonde
Sue Swettenham

Superintendent of Instruction

Walter Piovesan

Enrolment

1240

Format

Semestered

Description

General Information

Adult High School is a regular high school that specializes in working with adults from a wide variety of backgrounds. We offer credit courses which lead to an Ontario Secondary School Diploma. Adult High School is located in the heart of the city providing easy access from all bus routes. Adult High School's staff is proud to serve our students and extended community with a strong educational program. Whether you are coming back to school to earn your high school diploma or to upgrade your skills and knowledge to prepare for work, an apprenticeship, college, or university — we have the program for you.

Goals

At Adult High School we are committed to providing students with a safe and supportive environment; we challenge all students to achieve their personal best. Students are encouraged to be critical thinkers, problem solvers, and effective communicators who embrace strong employability skills that will lead to success in a dynamic and changing world.

Special Programs

Adult High School offers a variety of academic courses, technical programs, cooperative education, and full guidance support. Our school promotes literacy, numeracy, and technology through all of our departments. We offer strong ESL support and a wide diversity of services to our students.

Highlights

- Specialty programs include: Personal Support Worker, Culinary Arts, and Hairstyling.
- Equivalency, maturity, and/or PLAR credits may be granted for prior education and work experience.
- Block scheduling packages in ESL allow students to complete two levels in the same semester (ESLAO/ESLBO; ESLDO/ESLEO).
- Our state-of-the-art fitness and dance studio, well-equipped weight room, and two gyms allow for innovative Health and Physical Education programming.
- We boast a supportive community through a variety of student-run initiatives: The RetroRoom (high-quality, gently-used clothing), Breakfast Club, and the Emergency Food Cupboard.
- We are an active supporter of environmental and health initiatives that protect our lifestyles. Prepare for a better tomorrow today. For registration information, contact Adult High School at 613-239-2707.

	Grade 9	Grade 10	Grade 11	Grade 12
Arts				
Dramatic Arts		ADA20(S)	ADA30	ADA4M
Visual Arts — Photography			AWQ30	AWQ4M
Visual Arts — University/College			AVI3M	AVI4M
Visual Arts — Crafts			AWA30	
Music — Vocal/Choral			AMV30	AMV4M
Business Studies				
Information and Communication Technology in Business				
Introduction to Business		BTT20		
Information and Communication Technology: The Digital Environment	BBI10(S)			
Financial Accounting Fundamentals — University/College			BTA30	
Financial Accounting Principles — University/College			BAF3M	
International Business Fundamentals — University/College				BAT4M
International Business Fundamentals — University/College				BBB4M
Canadian and World Studies				
Understanding Canadian Law — University/College			CLU3M	
Canadian and International Law — University				CLN4U
Canadian and World Issues: A Geographic Analysis — University				CGW4U
Travel and Tourism: A Regional Geographic Perspective			CGG30	
Classical Civilization — University				LVV4U
Canada: History, Identity, and Culture — University				CHI4U
World History: The West and the World — University				CHY4U
Canadian and World Politics — University				CPW4U
The Environment and Resource Management				CGR4M
English				
English — Academic		ENG2D		
English — Applied	ENG1P	ENG2P		
English — Workplace Preparation			ENG3E	ENG4E
English — University			ENG3U	ENG4U
English — College			ENG3C	ENG4C
Media Studies			EMS30	
Presentation and Speaking Skills			EPS30(S)	
Ontario Secondary School Literacy Course				OLC40
The Writer's Craft				EWC4U

If present, the sixth character in a course code provides additional information. For example: E — Enriched; G — Gifted; S — Sheltered; F — Language of Instruction is French; I — Gifted Immersion; R — Advanced Placement (AP); H — AP Taught in French. See page 7 for details.

	Grade 9	Grade 10	Grade 11	Grade 12
English as a Second Language				
Note: Courses are not grade specific. They are determined by the student's level of proficiency.				
English as a Second Language, Level 1	ESLAO			
English as a Second Language, Level 2	ESLBO			
English as a Second Language, Level 3	ESLCO			
English as a Second Language, Level 4	ESLDO			
English as a Second Language, Level 5	ESLEO			
French as a Second Language				
Core French — Applied	FSF1P			
Guidance and Career Education				
Leadership and Peer Support			GPP30	
Learning Strategies 1: Skills for Success in Secondary School	GLS10(S)			
Learning Strategies: Introductory Writing Skills			GLE30	
Learning Strategies: Advanced Writing Skills				GLE40
Health And Physical Education				
Healthy Active Living Education			PPL30	PPL40
Personal and Fitness Activities			PAF30	PAF40
Mathematics				
Principles of Mathematics — Academic		MPM2D		
Foundations of Mathematics — Applied		MF2P		
Functions and Applications — University/College			MCF3M	
Functions — University			MCR3U	
Foundations for College Mathematics — College			MBF3C	MAP4C
Mathematics for College Technology — College				MCT4C
Advanced Functions — University				MHF4U
Calculus and Vectors — University				MCV4U
Mathematics of Data Management — University				MDM4U
Mathematics — Locally Developed		MAT2L		
Mathematics for Work and Everyday Life — Workplace			MEL3E	
Native Studies				
Aboriginal Beliefs, Values, and Aspirations in Contemporary Society — College			NVB3C	
Science				
Science — Academic		SNC2D		
Science — Applied		SNC2P		
Biology — University			SBI3U	SBI4U
Biology — College			SBI3C	
Chemistry — University			SCH3U	SCH4U

If present, the sixth character in a course code provides additional information. For example: *E* — Enriched; *G* — Gifted; *S* — Sheltered; *F* — Language of Instruction is French; *I* — Gifted Immersion; *R* — Advanced Placement (AP); *H* — AP Taught in French. See page 7 for details.

	Grade 9	Grade 10	Grade 11	Grade 12
Chemistry — College				SCH4C
Physics — University			SPH3U	SPH4U
Physics — College				SPH4C
Earth and Space Science — University				SES4U
Science — University/College Preparation				SNC4M
Social Sciences and Humanities				
World Religions — University/College			HRT3M	
Introduction to Anthropology, Psychology, and Sociology			HSP3M	
Individuals and Families in a Diverse Society				HHS4M
Technological Education				
Communications Technology — University/College			TGJ3M	TGJ4M
Hospitality — College			TFJ3C	TFJ4C
Hospitality and Tourism — Open/Workplace		TFJ20	TFJ3E	TFJ4E
Hairstyling and Aesthetics — Workplace		TXJ20	TXJ3E	TXJ4E
Interactive Media				IDC40
Personal Support Worker			TPJ3C	TPJ4C
Personal Support Worker/Child Development and Gerontology				TOJ4C

Focus and Specialist High Skills Major Programs

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eLearning Courses

Pages 23-24

Prerequisite Charts

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Course Descriptors

Pages 162-208

If present, the sixth character in a course code provides additional information. For example: E — Enriched; G — Gifted; S — Sheltered; F — Language of Instruction is French; I — Gifted Immersion; R — Advanced Placement (AP); H — AP Taught in French. See page 7 for details.

A.Y. Jackson Secondary School

150 Abbeyhill Drive
Kanata, ON K2L 1H7



School Info

Phone

613-836-2527

Fax

613-836-5672

www.ajj.ca

Principal

Mark Harris

Vice-principals

Steve Ashfield
Kimberly Lovatt

Superintendent of

Instruction

Jill Bennett

Enrolment

779

Format

Semestered

Description

General Information

A.Y. Jackson Secondary School (AYJ) is a community high school with a commitment to excellence.

Goals

We are committed to creating a positive learning environment for all our students. Our academic program is challenging and is designed to provide students with a strong academic and technological foundation for their future studies. We empower all learners to become members of the global society by providing opportunities for growth in a respectful and nurturing community.

Special Programs

In the spring of 2009 an AYJ business student won a national award for Top 20 Under 20. Our Leadership Camp trains one hundred student delegates a year. Our television station (JTV) produces several broadcasts throughout the school year. Our Tech Area offers Construction and Design Tech programs that tie in with Construction Projects. In addition to traditional academics we offer a comprehensive French Immersion Program and a well-established Cooperative Education Program. AYJ also offers a Certificate in International Studies. Our Music, Drama, and Visual Arts programs combine resources and expertise in theatrical productions. We are in the third year of participation in the CAPPIES Program. In the fall of 2009 we won an Arts Recognition Award in Secondary Drama. Many students benefit from international exchanges/class trips — Spain (2003–2010), China (Beijing 2008), New York (2008), Washington (2009), Guatemala (2009), France (2009), and Boston (2010).

Highlights

- AYJ is the first school in the world to be given Global Learning Centre status. This acknowledges the depth to which staff embeds the importance of global citizenship in the curriculum.
- At AYJ we are proud of all of our students; 49 of our 158 graduates in 2010 were Ontario Scholars; 11 students received recognition for academic excellence (having an average over 90 per cent); 20 students received a French Immersion Certificate, 10 students received a Business Certificate and 10 students received an International Studies Certificate.
- Students and staff have a strong sense of community involvement with a standing tradition of contributing to many worthwhile causes such as raising over \$27,000 to support the Lwak Girls' School in Kenya.
- AYJ has a variety of interscholastic athletic teams and clubs, the Senior Boys Basketball Team being 2008 OFSAA 'AA' Provincial Champions. The Varsity Boys Hockey Team was City Champions 2010. AYJ athletes went to OFSAA in golf, badminton, cross country running, Nordic skiing, and track and field.
- The OCDSB presented AYJ in 2002, 2006, 2007 and again in 2008 with the Isis Officer Award for Excellence in promoting ethno-cultural harmony.

Course Selection

	Grade 9	Grade 10	Grade 11	Grade 12
Arts				
Dance	ATC10	ATC20	ATC3M	
Drama	ADA10	ADA20	ADA3M	ADA4M
Music	AMU10	AMU20	AMU3M	AMU4M
Music — Guitar		AMG20	AMG30	
Repertoire — Band		AMR20	AMR3M	AMR4M
Visual Arts	AVI10	AVI20	AVI3M	AVI4M
Ceramics			AWC3M	AWC4M
Business Studies				
Introduction to Business		BBI20		
Information and Communication Technology in Business	BTT10			
Financial Accounting Fundamentals			BAF3M	BAT4M
Entrepreneurship: The Venture			BDI3C	BDV4C
Information and Communication Technology: The Digital Environment			BTA30	
Business Leadership: Management Fundamentals				BOH4M
Introduction to Marketing			BMI3C	
International Business Fundamentals				BBB4M(E)
Canadian and World Studies				
Geography of Canada — Academic	CGC1D(F)			
Geography of Canada — Applied	CGC1P			
Canadian and World Issues				CGW4U
Physical Geography			CGF3M	
Regional Geography: Travel and Tourism			CGG30	
World Geography				CGU4C
Canadian History Since World War I — Academic		CHC2D(F)		
Canadian History Since World War I — Applied		CHC2P		
Civics		CHV20(F)		
World History to the Sixteenth Century			CHW3M	
World History: The West and the World				CHY4U
Understanding Canadian Law			CLU3M	
Canadian and International Law				CLN4U
The Environment and Resource Management				CGR4E
Classical Studies and International Languages				
Spanish		LWSBD	LWSCU	

If present, the sixth character in a course code provides additional information. For example: E — Enriched; G — Gifted; S — Sheltered; F — Language of Instruction is French; I — Gifted Immersion; R — Advanced Placement (AP); H — AP Taught in French. See page 7 for details.

	Grade 9	Grade 10	Grade 11	Grade 12
Computer Studies				
Introduction to Computer Studies		ICS20		
Computer Science			ICS3U	ICS4U
Cooperative Education				
Co-op			COP30D-2 credits	COP40D - 2 credits
English				
English	ENG1D	ENG2D	ENG3U	ENG4U
English	ENG1P	ENG2P	ENG3C	ENG4C
Media Studies			EMS30	
The Writer's Craft				EWC4U
Film Studies			ADV3M	
English			ENG3E	
French as a Second Language				
French Immersion	FIF1D	FIF2D	FIF3U	FIF4U
Extended French	FEF1D	FEF2D	FEF3U	FEF4U
Core French	FSF1D	FSF2D	FSF3U	FSF4U
Core French	FSF1P			
Guidance and Career Education				
Careers		GLC20(F)		
Leadership and Peer Support			GPP30	
Health and Physical Education				
Healthy Active Living — Female	PPL10P	PPL20P	PPL30P	PPL40P
Healthy Active Living — Male	PPL10Q	PPL20Q	PPL30Q	PPL40Q
Recreation and Fitness Leadership				PLF4C
Exercise Science				PSE4U
Personal and Fitness Activities			PAF30	
Mathematics				
Principles of Mathematics — Academic	MPM1D	MPM2D		
Foundations of Mathematics — Applied	MFM1P	MFM2P		
Foundations for College Mathematics			MBF3C	
Mathematics for Work and Everyday Life			MEL3E	MEL4E
Functions and Applications			MCF3M	
Functions			MCR3U	
Foundations for College Mathematics				MAP4C
Advanced Functions				MHF4U
Calculus and Vectors				MCV4U

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	Grade 9	Grade 10	Grade 11	Grade 12
Mathematics of Data Management				MDM4U
Mathematics for Technology				MCT4C
Science				
Science — Academic	SNC1D(F)	SNC2D(F)		
Science — Applied	SNC1P	SNC2P		
Biology — College			SBI3C	
Biology — University			SBI3U	SBI4U
Chemistry — University			SCH3U	SCH4U
Chemistry — College				SCH4C
Physics — University			SPH3U	SPH4U
Social Sciences and Humanities				
Food and Nutrition		HFN20		
Families in Canadian Society				HHS4M
World Religions			HRT3M	
Introduction to Anthropology, Psychology, and Sociology			HSP3M(F)	
Managing Personal and Family Resources			HIR3C	
Parenting			HPC3O	
Living and Working with Children			HPW3C	
Hospitality and Tourism				HFA4M
Technological Education				
Exploring Technologies	TIJ10			
Technological Design		TDJ20	TDJ3M	TDJ4M
Construction Technology		TCJ20	TCJ3C	TCJ4C
Communications Technology		TGJ20	TGJ3M	TGJ4M

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To select your courses for 2011–2012 please click on the following link — <https://webapps.ocdsb.ca/twebcr>.

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Bell High School

40 Cassidy Road
Nepean, ON K2H 6K1



School Info

Phone

613-828-9101

Fax

613-828-9022

www.bellhs.net

Principal

Bruce Whitehead

Vice-principals

Darryl Kicul
Krista McNamara

Superintendent of

Instruction

Jill Bennett

Enrolment

1021

Format

Semestered

Description

General Information

Bell High School provides a safe, healthy learning environment allowing students to establish personal and academic excellence in a culturally diverse community.

Goals

Bell High School boasts a committed staff consistently guiding students in a range of relevant, engaging learning experiences preparing them to meet the challenges of post secondary education, apprenticeships, and/or the world of work. Through rich and varied academic, extra-curricular, and community service programs we provide opportunities for students facilitating all-round development in their quest toward becoming active members in a global society.

Special Programs

Our Academic Program encompasses a full range of courses in the areas of French Immersion, Communications Technology, Construction and Design Technology, Cooperative Education, English as a Second Language, and Landscape and Design all complemented by Gifted and Advanced Placement course opportunities. Other extensions of learning for students include course offerings in Latin, LINK Crew, Guitar, Vocal Music, and Outdoor Education. Of notable mention is our Fine Arts Department including a Drama Program consistently earning awards of excellence on local and provincial stages working-alongside strong Music and Visual Arts programs. An active Physical Education Program is enhanced by a wide array of co-curricular opportunities for students. We continue to celebrate a community partnership with General Dynamics Canada as a valuable partner in our professional learning community.

Highlights

- Bell High School graduates successfully enter university, college, apprenticeships, and the workplace.
- Our Extra-curricular Program includes a school newspaper (ROAR), leadership camps, musicals, SEARS festival, and an array of interest and service clubs. In addition Bell High is working towards recognition as a Global Learning Centre.
- A school culture with a strong commitment to Character Development through the slogan "Pride Lives Here" forms an integral part of our belief system practiced in every aspect of our school.
- Our Athletic Program has over 25 athletic teams as well as an outstanding Intramural Program.
- LINK Crew — a peer mentoring program for incoming grade 9 students.

	Grade 9	Grade 10	Grade 11	Grade 12
Arts				
Dance		ATC20	ATC3M	ATC4M
Dramatic Arts	ADA10	ADA20	ADA3M	ADA4M
Instrumental Music — Band	AMI10	AMI20	AMI3M	AMI4M
Instrumental Music — Beginner	AMI101			
Music — Vocal/Choir			AMV3M	AMV4M
Guitar Music			AMG3M	AMG4M
Visual Arts	AVI10	AVI20	AVI3M	AVI4M
Business Studies				
Introduction to Business		BBI20(S)		
Information and Communication Technology in Business	BTT10(S)			
Financial Accounting Fundamentals			BAF3M	BAT4M
Marketing: Goods, Services, Events			BMI3C	
International Business Fundamentals				BBB4M
Canadian and World Studies				
Civics		CHV20(F,S)		
Analysing Current Economic Issues				CIA4U
Geography of Canada — Academic	CGC1D(F,I,G,S)			
Geography of Canada — Applied	CGC1P(S)			
Regional Geography: Travel and Tourism			CGG30	
Canadian and World Issues: A Geographic Analysis				CGW4U
Canadian History in the Twentieth Century		CHC2D(F,I,G,S)		
Canadian History in the Twentieth Century		CHC2P(S)		
World History to the Sixteenth Century			CHW3M	
Canadian and World Politics				CPW4U
American History			CHA3U Δ	
Canadian and International Law				CLN4U \diamond
World History: The West and the World				CHY4U
Understanding Canadian Law			CLU3M	
The Environment and Resource Management				CGR4M
Classical Studies and International Languages				
Note: Courses are not grade specific. They are determined by the student's level of proficiency.				
Latin	LVLAD	LVLBU		
Computer Studies				
Computer and Information Science		ICS20	ICS3M(G)	ICS4M(G)

Δ Course offered in 2011–2012 and every second year thereafter

\diamond Course offered in 2012–2013 and every second year thereafter

* Grade 11 and 12 LINK participation is subject to application and interview process

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	Grade 9	Grade 10	Grade 11	Grade 12
Cooperative Education				
Co-op			COP32D1(Sem1)	
Co-op			COP32D2(Sem2)	
English				
English — Academic	ENG1D(G)	ENG2D(G)		
English — Applied	ENG1P	ENG2P		
English — University			ENG3U(G)	ENG4U(G)
English — College			ENG3C	ENG4C
Media Studies			EMS30	
The Writer's Craft				EWC4U
Business and Technological Communication				EBT40
English as a Second Language				
Note: Courses are not grade specific. They are determined by the student's level of proficiency.				
English as a Second Language, Level 1	ESLA0			
English as a Second Language, Level 2	ESLB0			
English as a Second Language, Level 3	ESLC0			
English as a Second Language, Level 4	ESLD0			
English as a Second Language, Level 5	ESLE0			
French as a Second Language				
Core French — Academic	FSF1D	FSF2D	FSF3U	FSF4U
Core French — Applied	FSF1P	FSF2P		
French Immersion	FIF1D	FIF2D	FIF3U	FIF4U
Guidance and Career Education				
Career Studies		GLC20(F,S)		
Leadership and Peer Support			GPP30(F)	
Health and Physical Education				
Healthy Active Living Education — Female	PPL10P	PPL20P	PPL30P	PPL40P
Healthy Active Living Education — Male	PPL10Q	PPL20Q	PPL30Q	PPL40Q
Healthy Active Living Education — Co-ed			PPL30	PPL40
Outdoor Activities		PAD20	PAD30	
Personal and Fitness Activities			PAF30	PAF40
Exercise Science				PSE4U
Interdisciplinary Studies				
LINK Crew Leadership			IDC30*	IDC4U*

△ Course offered in 2011–2012 and every second year thereafter

◇ Course offered in 2012–2013 and every second year thereafter

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	Grade 9	Grade 10	Grade 11	Grade 12
Mathematics				
Principles of Mathematics	MPM1D(G,S)	MPM2D(G,S)		
Foundations of Mathematics	MFM1P(S)	MFM2P(S)		
Functions			MCR3U(G)	
Functions and Applications			MCF3M	
Foundations for College Mathematics			MBF3C	
Calculus and Vectors				MCV4U(G)
Advanced Functions				MHF4U(G)
Mathematics of Data Management				MDM4U(G)
Foundations for College Mathematics				MAP4C
Mathematics for Work and Everyday Life			MEL3E◇	MEL4E△
Science				
Science — Academic	SNC1D(F,I,G,S)	SNC2D(F,I,G,S)		
Science — Applied	SNC1P	SNC2P		
Earth and Space Science — University				SES4U
Biology — University			SBI3U	SBI4U
Biology — College			SBI3C	
Chemistry — University			SCH3U(F,G)	SCH4U
Chemistry — College				SCH4C
Physics — University			SPH3U(G)	SPH4U(G)
Social Sciences and Humanities				
Individuals and Families in a Diverse Society				HHS4M
Parenting and Human Development — Workplace			HPC30	
Introduction to Anthropology, Psychology, and Sociology			HSP3M(G,F)	
Technological Education				
Exploring Technologies	TIJ10			
Communications Technology		TGJ20	TGJ3M	TGJ4M
Construction Technology		TCJ20	TCJ3C	TCJ4C
Technological Design		TDJ20	TDJ3M	TDJ4M
Transportation Technology		TTJ20	TTJ3C	TTJ4C
Computer Engineering Technology		TEJ20	TEJ3M	TEJ4M

△ Course offered in 2011–2012 and every second year thereafter

◇ Course offered in 2012–2013 and every second year thereafter

* Grade 11 and 12 LINK participation is subject to application and interview process

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Brookfield High School

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School Info

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Principal

Jane Alexander

Vice-principals

Steve Collins

Jennifer Perry

Superintendent of Instruction

Stephen Sliwa

Enrolment

740

Format

Semestered

Description

General Information

Brookfield High School is proud to be a community school with a long tradition of supporting a strong academic environment that promotes individual development. Brookfield is a semestered, composite high school offering a high quality, safe, and caring environment to our students.

Goals

To encourage our students to reach their potential as strong contributing members of a global community.

Special Programs

We offer a full range of courses that prepare students for university, college, apprenticeship programs, and the world of work.

Brookfield offers a French Immersion Program leading to an OCDSB French Immersion Certificate as well as enrichment and advanced placement in several courses.

We are home to a District Learning Disabilities Unit and an Autism Spectrum Disorder Class. Our extensive Cooperative Education Program coupled with the Ontario Youth Apprenticeship Program provides opportunities for our students to acquire the knowledge and skills to meet the challenges of today's workplace. International Language courses are available at various levels in Arabic, Spanish, and German.

Highlights

- For the last three years the school has run the LINK Crew program. We have a vibrant group of trained senior students who work with staff to mentor and support our grade 9 students in their first year of high school. The LINK program offers myriad leadership opportunities for our students both in the school and with the community.
- A strong Student Success Team heads up our literacy and numeracy initiatives, including the promotion of the Brookfield Reads Program, the Boys Reading Club, and improved Literacy Test scores.
- Our Arts Program continues to grow as we promote the integration of Music, Drama, and Arts across the curriculum. Our World Voices Choir is a highly sought-after group performing for national organizations and international dignitaries.
- French Immersion certificates were awarded to 10 per cent of our 2010 graduating students.
- Our graduating class of 2010 earned hundreds of thousands of dollars in scholarships to universities or colleges, with 39 per cent of the graduates achieving Ontario Scholar level.
- Our school has been declared a Quality Physical Education School by the Canadian Association for Health, Physical Education, Recreation, and Dance for providing students with courses that are exceptional and enhanced by leadership opportunities and intramural activities.

	Grade 9	Grade 10	Grade 11	Grade 12
Arts				
Dramatic Arts	ADA10	ADA20	ADA3M	ADA4M
Theatre Production			ADD3M	ADD4M
Music — Beginner	AMI101			
Music — Advanced	AMI10(F)	AMI20	AMI3M	AMI4M
Music — Vocal	AMV10	AMV20	AMV3M	AMV4M
Music — Percussion		AMP20	AMP3M	AMP4M
Music — Repertoire (Band)	AMR10	AMR20	AMR3M	AMR4M
Music — Repertoire (Choir)	AMR10(1)	AMR20(1)	AMR3M(1)	AMR4M(1)
Music — Repertoire (Jazz)	AMR10(2)	AMR20(2)	AMR3M(2)	AMR4M(2)
Music — Guitar		AMG20	AMG3M	AMG4M
Visual Arts	AVI10	AVI20	AVI3M	AVI4M
Visual Arts — Crafts General			AWA30	AWA4M
Business Studies				
Introduction to Business		BBI20		
International Business Essentials				BBB4M
Information and Communication Technology in Business	BTT10			
Financial Accounting Fundamentals			BAF3M	
Financial Accounting Principles				BAT4M
Marketing: Goods, Services, Events			BMI3C	
Canadian and World Studies				
Civics (0.5 credit)		CHV20(F,S)		
Analysing Current Economic Issues				CIA4U
Geography of Canada — Academic	CGC1D(F)			
Geography of Canada — Applied	CGC1P(S)			
Physical Geography: Patterns, Processes, and Interactions			CGF3M	
Regional Geography: Travel and Tourism			CGG30	
Canadian and World Issues: A Geographic Analysis				CGW4U
Canadian History Since World War I — Academic		CHC2D(F)		
Canadian History Since World War I — Applied		CHC2P(S)		
World History to the Sixteenth Century			CHW3M(F)	
World History: The West and the World — University				CHY4U
World History: The West and the World — College				CHY4C
Understanding Canadian Law			CLU3M	
Canadian and International Law				CLN4U
Canadian and World Politics				CPW4U
Economics				CIA4U

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	Grade 9	Grade 10	Grade 11	Grade 12
Classical Studies and International Languages				
Spanish		LWSBD	LWSCU	LWSDU(R)
German		LWGBD	LWGCU	LWGDU(R)
Arabic	LYBAO	LYBBD	LYBCU	LYBDU
Computer Studies				
Introduction to Computer Studies		ICS20		
Computer Science			ICS3U	ISC4U
Computer Programming			ICS3C	ICS4C
English				
English — Academic	ENG1D	ENG2D		
English — Applied	ENG1P	ENG2P		
English — University			ENG3U	ENG4U
English — College			ENG3C	ENG4C
Media Studies			EMS30	
Ontario Secondary School Literacy Course (OSSLC)				OLC40
Communication in the World of Business and Technology				EBT40
Studies in Literature				ETS4U
The Writer's Craft				EWC4U
English as a Second Language				
Note: Courses are not grade specific. They are determined by the student's level of proficiency.				
English as a Second Language, Level 1	ESLAO			
English as a Second Language, Level 2	ESLBO			
English as a Second Language, Level 3	ESLCO			
English as a Second Language, Level 4	ESLDO			
English as a Second Language, Level 5	ESLEO			
French as a Second Language				
Core French — Academic, University	FSF1D	FSF2D	FSF3U	FSF4U
Core French — Applied	FSF1P	FSF2P		
French Immersion	FIF1D	FIF2D	FIF3U	FIF4U(R)
Guidance and Career Education				
Learning Strategies 1: Skills for Success in Secondary School	GLE10	GLE20		
Advanced Learning Strategies: Skills for Success after Secondary School			GLE30	GLE40
Career Studies (0.5 credit)		GLC20(F,S)		
Leadership and Peer Support			GPP30(F)	
LINK Crew Leadership			IDP30	IDP4U

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	Grade 9	Grade 10	Grade 11	Grade 12
Health and Physical Education				
Healthy Active Living Education — Female	PPL10P	PPL20P	PPL30P	PPL40P
Healthy Active Living Education — Male	PPL10Q	PPL20Q	PPL30Q	PPL40Q
Outdoor Activities		PAD20	PAD30	
Leadership and Peer Support			GPP301	
Personal and Fitness Activities			PAF30	PAF40
Exercise Science				PSE4U
Rugby: Coaching, Training, and Theory			PAL30	
Yearbook			IDC30	IDC4U
Mathematics				
Principles of Mathematics — Academic	MPM1D	MPM2D		
Foundations of Mathematics — Applied	MF1P	MF2P		
Essentials Mathematics	MAT1L	MAT2L		
Functions — University			MCR3U	
Functions and Applications — University/College			MCF3M	
Foundations for College Mathematics			MBF3C	
Mathematics for Work and Everyday Life			MEL3E	
Calculus and Vectors				MCV4U
Advanced Functions				MHF4U
Mathematics of Data Management				MDM4U
Mathematics for College Technology				MCT4C
Foundations for College Mathematics				MAP4C
Science				
Science — Academic	SNC1D(F)	SNC2D(E,F)		
Science — Applied	SNC1P	SNC2P		
Science — University/College			SNC3M	SNC4M
Biology — University			SBI3U(E)	SBI4U(E,R)
Biology — College			SBI3C	
Chemistry — University			SCH3U(E)	SCH4U(E,R)
Chemistry — College				SCH4C
Earth and Space Science				SES4U
Physics — University			SPH3U	SPH4U
Social Sciences and Humanities				
Food and Nutrition		HFN20		
Fashion and Creative Expression			HNC30	
Parenting			HPC30	
Introduction to Anthropology, Psychology, and Sociology			HSP3M	
Individuals and Families in a Diverse Society				HHS4M

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	Grade 9	Grade 10	Grade 11	Grade 12
Technological Education				
Exploring Technologies	TIJ10			
Construction Technology		TCJ20	TCJ3C	TCJ4C
Technological Design		TDJ20	TDJ3M	TDJ4M
Child Development and Gerontology**				TOJ4C
Communications Technology — Open		TGJ20	TGJ3M	TGJ4M
Computer Technology		TEJ20	TEJ3M	TEJ4M

***TOJ4C (Child Development and Gerontology) will be offered in conjunction with Co-op. Students will learn the theory in the TOJ4C class and apply the theory in Co-op.*

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Cairine Wilson Secondary School

975 Orléans Blvd
Ottawa, ON K1C 2Z5

Description

General Information

Cairine Wilson is truly a community school. We take seriously the aphorism that “it takes a village” to educate a human being and we are part of that village. As a community we raise our students to be critical thinkers, to strive for academic excellence, and to be lifelong learners. We also raise our students to be citizens of the world which means they are helping those who are less fortunate with service and leadership, being compassionate, seeking justice, and living with integrity. At Cairine Wilson we know that the future starts here, in our classrooms with each and every student who enters.

Special Programs

We offer Pre-advanced and Advanced Placement courses recognized by many Canadian and American universities, French Immersion leading to a French Immersion Certificate, Outdoor Education leading to Canoe Tripping, Wilderness First Aid, and White Water certification, an international Business Certificate, Transportation Technology, Foods and Nutrition, Comparative World Religions, Philosophy, and Law. We have a vibrant Arts Program including Visual Arts, Instrumental Music, and Theatrical Production. We also offer Computer Technology, Media Studies, and Yearbook courses. Character Education and development is integrated into all our programs.

Highlights

- Pre-advanced Placement and Advanced Placement courses
- A multimedia facility with two networked computer labs
- A nationally recognized Improv Team
- Sears Drama Festival winners
- A broad interscholastic Sports Program. Recent NCSSA championships in senior boys volleyball, varsity boys rugby, and senior boys basketball
- Wide range of co-curricular activities, including Amnesty International, concert band, choir, literacy partners, Me-to-We, ski club, CAPPIES school musical, VOICES (student leadership program), Multicultural Club, and LINK Crew.
- First Prize Winners “Climate Change Challenge” for two consecutive years
- ECO Certification

School Info

Phone

613-824-4411

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613-824-5679

www.cairinewilsonss.ocdsb.ca

Principal

Constance McLeese

Vice-principal

Bill Arden
Patty Gollogly

Superintendent of

Instruction
Pino Buffone

Enrolment

710

Format

Semestered

	Grade 9	Grade 10	Grade 11	Grade 12
Arts				
Dramatic Arts	ADA10	ADA20	ADA3M	ADA4M
Dramatic Arts — Production	ADD10	ADD20	ADD3M	ADD4M
Music — Instrumental	AMI10	AMI20	AMU3M	AMU4M
Music — Concert Band	AMR10	AMR20	AMR3M	AMR4M
Visual Arts	AVI10	AVI20	AVI3M	AVI4M
Business Studies				
Introduction to Business	BBI10			
Financial Accounting Fundamentals			BAF3M	
Entrepreneurship: The Venture			BDI3C	
Financial Accounting Principles *				BAT4M
Canadian and World Studies				
Geography of Canada — Academic	CGC1D(F)			
Geography of Canada — Applied	CGC1P			
Civics (0.5 credit)		CHV20(F)		
Canadian History Since World War I — Academic		CHC2D(F)		
Canadian History Since World War I — Applied		CHC2P		
World History to the Sixteenth Century — University/College (Immersion only)			CHW3MF	
Twentieth Century History: Global and Regional			CHT30	
Understanding Canadian Law — University/College			CLU3M	
Canadian and World Issues: A Geographic Analysis *				CGW4U*
Adventures in World History				CHM4E
World History: The West and the World				CHY4U
Canadian and International Law				CLN4U
Computer Studies				
Computer Programming			ICS3C	ICS4C
Computer Science		ICS20	ICS3U	ICS4U
Cooperative Education **				
			COP32D(F)	COP32D(F)
English				
Compulsory Courses in English, Grades 9 to 12				
English — Academic	ENG1D(R)	ENG2D(R)		
English — Applied	ENG1P	ENG2P		
English — Essentials (Locally Developed)	ENG1L	ENG2L		
English — University (Advanced Placement)			ENG3U(R)	ENG4U(R)
English — College			ENG3C	ENG4C
English — Workplace			ENG3E	ENG4E

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Course Selection

	Grade 9	Grade 10	Grade 11	Grade 12
Optional Courses in English, Grades 10, 11, and 12				
Literacy Skills		ELS20		
Media Studies			EMS30	
The Writer's Craft				EWC4U
French as a Second Language				
Core French — Academic	FSF1D	FSF2D	FSF3U	FSF4U
Core French — Applied	FSF1P			
Core French — Workplace			FSF30L	
French Immersion	FIF1D	FIF2D	FIF3U	FIF4U(R)
Guidance and Career Education				
Career Studies (0.5 credit)		GLC20(F)		
Discover the Workplace		GLD20		
Leadership and Peer Support: In School Cooperative Education			GPP30(F)	
Designing Your Future			GWL30	
LINK Crew Leadership			IDC30	IDC4U
Health and Physical Education				
Healthy Active Living Education — Female	PPL10P	PPL20P	PPL30P	
Healthy Active Living Education — Male	PPL10Q	PPL20Q	PPL30Q	
Personal and Fitness Activities			PAF30	PAF40
Rhythm and Movement		PAR20		
Healthy Active Living Education — Female				PPL40P
Healthy Active Living Education — Male				PPL40Q
Outdoor Activities		PAD20	PAD30	PAD40
Exercise Science				PSE4U
Recreation and Fitness Leadership — (Outside regular timetable)				PLF4C
Mathematics				
Principles of Mathematics — Academic	MPM1D(R)	MPM2D(R)		
Foundations of Mathematics — Applied	MFM1P	MFM2P		
Mathematics — Essentials (Locally Developed)	MAT1L	MAT2L		
Functions — University			MCR3U(R)	
Functions and Applications — University/College			MCF3M	
Foundations for College Mathematics			MBF3C	
Mathematics for Everyday Life			MEL3E	MEL4E
Foundations for College Mathematics				MAP4C
Advanced Functions				MHF4U
Calculus and Vectors				MCV4U(R)
Mathematics of Data Management				MDM4U

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	Grade 9	Grade 10	Grade 11	Grade 12
Science				
Science — Academic	SNC1D(R,F,H)	SNC2D(R,F,H)		
Science — Applied	SNC1P	SNC2P		
Biology — University (Advanced Placement)			SBI3U(R)	SBI4U(R)
Biology — College			SBI3C	
Chemistry — University			SCH3U	SCH4U
Chemistry — College				SCH4C
Physics — University			SPH3U	SPH4U
Social Sciences and Humanities				
Food and Nutrition		HFN20		
Food and Nutrition Sciences — University/College				HFA4M
Parenting			HPC30	
Introduction to Anthropology, Psychology, and Sociology			HSP3M	
Philosophy				HZT4U***
World Religions			HRF30	
Challenge and Change in Society				HSB4M
Individuals and Families in a Diverse Society				HHS4M
Technological Education				
Exploring Technologies	TIJ10			
Transportation Technology		TTJ20	TTJ3C	TTJ4C
Communications Technology		TGJ20		
Communications Technology — Yearbook			TGJ3M	TGJ4M

* Offered in 2011–2012 and every second year thereafter

** Available as French Immersion Credits as well

*** Offered in 2012–2013 and every second year thereafter

Cairine Wilson uses an online option sheet process. Please follow the link found on the school website to choose next year's courses.
To select your courses for 2011–2012 please click on the following link — <https://webapps.ocdsb.ca/twebcr>.

Focus and Specialist High Skills Major Programs

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Course Descriptors

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If present, the sixth character in a course code provides additional information. For example: *E* — Enriched; *G* — Gifted; *S* — Sheltered; *F* — Language of Instruction is French; *I* — Gifted Immersion; *R* — Advanced Placement (AP); *H* — AP Taught in French. See page 7 for details.



Canterbury High School

900 Canterbury Avenue
Ottawa, ON K1G 3A7

Description

General Information

Located in the south-east sector of Ottawa, Canterbury High School is a hub of creative activity for 1,328 students. Our rich and diverse school community draws from our established neighbourhood and from the city of Ottawa for students in the Canterbury Arts Program. The curriculum offers a challenging and rewarding experience for students dedicated to realizing their full potential in academics and the Arts. Academic excellence, attendance, and punctuality are top priorities. The school encourages and expects that students will respect themselves, others, the environment, and the learning process.

Goals

To nurture excellence in our students by challenging them with the best of the academic, artistic, and athletic worlds; to help them become well-rounded individuals who care and understand about the world around them.

Special Programs

Students follow a complete academic program and can choose from a variety of courses in all subject areas. Students focusing on the Arts also receive instruction in their discipline (Drama, Dance, Music Visual, or Literary) on a daily basis. The composite, secondary school program offers students living in the Canterbury community a full range of courses in all subject areas.

Pending Ministry approval, the Specialist High Skills Majors (SHSM) in Entrepreneurship and Business will be offered at Canterbury High School. This Focus Program will provide students the opportunity to take a concentration of courses in this subject area.

Highlights

- Canterbury operates on a credo of courtesy, respect for another person's dignity, and commitment.
- Opportunities to pursue an enriched program in the Arts area of choice.
- Full range of academic and Arts courses for both school programs.
- Opportunities for all students to develop leadership skills through academic, Arts, and athletic co-curricular programs.
- Canterbury is totally accessible for the physically challenged and has support services available.
- The Sports Program is extremely varied and during the past five years Canterbury has had many championship teams.

School Info

Phone

613-731-1191

Fax

613-731-5210

www.canterburyhs.ocdsb.ca

Principal

Debbie Millett

Vice-principals

Cheryl Black
Carl Dobbin

Superintendent of Instruction

Stephen Sliwa

Enrolment

1328

Format

Both Semestered and
Non-semestered

Grade 9 Grade 10 Grade 11 Grade 12

General arts courses — open to all students. General Arts courses — open to all students for Arts Canterbury courses.
Please refer to the list below.

Dance	ATC10	ATC20	ATC3M	ATC4M
Dramatic Arts	ADA10	ADA20	ADA3M	ADA4M
Music	AMU10	AMU20		
Guitar Music		AMG20	AMG30	
Vocal Music	AMV10			
Media Arts		ASM20	AWS3M	AWS4M
Visual Arts	AVI10	AVI20	AVI3M	AVI4M

Arts Canterbury

Arts Canterbury is a District-wide Arts Program that gives students the opportunity to do an in-depth study of one of Dance (Modern Technique and Classical Ballet), Drama, Literary Arts, Music (Wind, Stringed Instruments or Vocal), or Visual Arts. The following courses are for students who have been accepted into the Arts Program by audition. Students are required to take the full package of courses for their particular Arts area. For more information on specific Arts programs, contact the arts coordinator at Canterbury High School, 613-731-1191, ext. 302 or visit the school's website at www.canterburyhs.ocdsb.ca.

Dance — Ballet	ATB10K	ATB20K	ATB3MK	ATB4MK
Dance — Modern	ATM10K	ATM20K	ATM3MK	ATM4MK
Dance — Performance and Composition			ATP3MK	ATD4MK
Dramatic Arts	ADA10K	ADA20K	ADA3MK	ADA4MK
				ADC4MK
Drama — Production	ADD10K	ADD20K	ADD3MK	ADD4MK
Literary Arts — English	ENG1DK	ENG2DK		
Literary — Integrated Arts	ALC10K			
Literary — Presentation and Speaking		EPS30K		
Literary — Media Studies			EMS30K	
Literary — Canadian Literature			ETC3MK	
Literary — Writer's Craft				EWC4UK
Literary — Studies in Literature				ETS4UK
Music — Vocal	AMV10K	AMV20K	AMV3MK	AMV4MK
Music — Winds	AMI10K	AMI20K	AMI3MK	AMI4MK
Music — Strings	AMS10K	AMS20K	AMS3MK	AMS4MK
Music — Creating	AMC20K(.5)	AMC20K(.5)	AMC3MK	AMC4MK
Music — Repertoire	AMR20K(.5)		AMR3MK(.5)	AMRYMK(.5)
Music — Ensembles		AME20K(.5)		
Visual Arts	AVI10K	AVI20K	AVI3MK	AVI4MK
Visual Arts — Printmaking	AWO20K(.5)	AWO20K(.5)		
Visual Arts — Ceramics	AWC20K(.5)	AWC20K(.5)	AWC4MK(.5)	AWC4MK(.5)
Visual Arts — Photography			AWQ4MK(.5)	AWQ4MK(.5)
Visual Arts — Portfolio				AWM4MK

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Course Selection

	Grade 9	Grade 10	Grade 11	Grade 12
Business Studies				
Information and Communication Technology in Business	BTT10			
Introduction to Business		BBI20		
Financial Accounting Fundamentals — University/College			BAF3M	
Entrepreneurship: The Venture — College			BDI3C	
Information and Communication Technology: The Digital Environment			BTA30	
Business Leadership: Management Fundamentals — University/College				BOH4M
International Business Essentials — University/College				BBB4M
Marketing — Good, Services, Events — College			BMI3C	
Canadian and World Studies				
Geography of Canada — Academic	CGC1D(F)			
Geography of Canada — Applied	CGC1P			
Regional Geography: Travel and Tourism			CGG30	
Canadian and World Issues: A Geographic Analysis — University				CGW4U
Civics (0.5 credit)		CHV20		
Canadian History in the Twentieth Century — Academic		CHC2D(F)		
Canadian History in the Twentieth Century — Applied		CHC2P		
World History to the Sixteenth Century — University/College			CHW3M	
Understanding Canadian Law — University/College			CLU3M	
Canadian and International Law — University				CLN4U
Analysing Current Economic Issues — University				CIA4U
World History: The West and the World — University				CHY4U
Classical Studies and International Languages				
Spanish		LWSBD	LWSCU	
Computer Studies				
Computer Science			ICS3U	ICS4U
English				
Compulsory Courses in English, Grades 9 to 12				
English — Academic	ENG1D	ENG2D		
English — Applied	ENG1P	ENG2P		
English — University			ENG3U	ENG4U
English — College			ENG3C	ENG4C
Optional Courses in English, Grades 11 to 12				
Media Studies			EMS30	
Media Studies — Yearbook/Newspaper			EMS30U	
Studies in Literature — University				ETS4U

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	Grade 9	Grade 10	Grade 11	Grade 12
The Writer's Craft — University				EWC4U
Business and Technological Communication				EBT40
Film Studies			ADV3M	
French as a Second Language				
Core French — Academic, University	FSF1D	FSF2D	FSF3U	FSF4U
Core French — Applied	FSF1P	FSF2P		
Extended French — Academic, University	FEF1D	FEF2D	FEF3U	FEF4U
Guidance and Career Education				
Career Studies (0.5 credit)		GLC20		
Leadership and Peer Support			GPP30	
Learning Strategies	GLS10/GLE10	GLE20		
Designing Your Future			GWL30	
Interdisciplinary Studies — Leadership (LINK)		IDC20	IDC30	
Health and Physical Education				
Healthy Active Living Education — Female	PPL10P	PPL20P	PPL30P	
Healthy Active Living Education — Male	PPL10Q	PPL20Q	PPL30Q	
Healthy Active Living Education — Co-ed				PPL40
Outdoor Education			PAD30	
Exercise Science — University				PSE4U
Personal and Fitness Activities			PAF30	
Mathematics				
Mathematics — Essentials	MAT1L			
Principles of Mathematics — Academic	MPM1D	MPM2D		
Foundations of Mathematics — Applied	MFM1P	MFM2P		
Functions — University			MCR3U	
Functions and Applications — University/College			MCF3M	
Foundations for College Mathematics — College			MBF3C	
Advanced Functions — University				MHF4U
Calculus and Vectors — University				MCV4U
Mathematics of Data Management — University				MDM4U
Foundations for College Mathematics — College				MAP4C
Mathematics for Work and Everyday Life — Workplace			MEL3E	MEL4E
Science				
Science — Academic	SNC1D	SNC2D		
Science — Applied	SNC1P	SNC2P		
Biology — University			SBI3U	SBI4U
Biology — College			SBI3C	

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	Grade 9	Grade 10	Grade 11	Grade 12
Chemistry — University			SCH3U	SCH4U
Chemistry — College				SCH4C
Physics — University			SPH3U	SPH4U
Science — Environmental Science			SVN3M	
Science — Environmental Science			SVN3E	
Social Sciences and Humanities				
Introduction to Anthropology, Psychology, and Sociology — University/College			HSP3M(F)	
World Religions: Beliefs, Issues, and Religious Traditions — University/College			HRT3M	
Individuals and Families in a Diverse Society — University/College				HHS4M
Technological Education				
Integrated Technologies	TIJ10			
Technological Design		TDJ20		
Technological Design — Stage Technology and Set Design — University/College			TDJ3M	
Communications Technology — University/College			TGJ3M	TGJ4M

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Course Descriptors

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Colonel By Secondary School

2381 Ogilvie Road
Gloucester, ON K1J 7N4



School Info

Phone

613-745-9411

Fax

613-745-4680

www.colonelby.com

Principal

Mary Bada

Vice-principals

Balazs Fazakas
Kaarina Gagner

Superintendent of

Instruction

Pino Buffone

Enrolment

1162

Format

Non-semestered

Description

General Information

The Colonel By Secondary School community consists of caring students, staff, and parents working closely together to foster academic excellence and to ensure high academic achievement.

Goals

Our goal is to help students thrive as responsible, productive members of society. To develop a strong knowledge base, critical thinking skills, productive work habits, and employability skills.

Special Programs

The Academic Program is challenging and is designed to provide our students with a strong academic and technological foundation for their further studies. While the Ontario Ministry of Education diploma requirements form the basis of the Academic Program at Colonel By Secondary School, students are encouraged to pursue a sound, well-rounded education and to go well beyond the mandatory requirements. Over 50 per cent of this year's grade 9 students are enrolled in the International Baccalaureate (IB) Foundation Years Program. Staff believe that a non-semestered timetable best supports the learning needs of our students. Sustained effort over the course of the entire year enables students to acquire both the desired knowledge base and the appropriate skills. Acceptance of one's responsibility as a learner is the foundation of our school as a safe and caring learning environment.

Highlights

- Colonel By offers a full range of academic programs including French Immersion, Co-operative Education, Outdoor Education, and Technology.
- Colonel By is the only OCDSB school offering the International Baccalaureate (IB) diploma program. This program is recognized by universities throughout the world.
- The Multimedia Distribution System provides Colonel By Secondary School with CougarVision, Canada's first all-digital, high-school television station.
- Colonel By has an outstanding Fine Arts Program, including Music, Visual Arts, and Musical Theatre, as well as a varied interscholastic Athletics Program.
- With 32 sports teams and 31 clubs and councils, Colonel By has something for everyone.

Course Selection

Colonel By Secondary School

	Grade 9	Grade 10	Grade 11	Grade 12
Arts				
Music (Beginner)	AMU10(1)			
Music (Advanced)	AMU10(2)			
Instrumental Music		AMU20	AMU3M	AMU4M
Instrumental Music			*AMU3ME	*AMU4ME
Music — Repertoire	AMR10	AMR20	AMR3M	AMR4M
Music — Vocal Jazz			AMJ3M	
Music Theatre	ADB10		ADB3M	ADB4M
Visual Arts	AVI10	AVI20	AVI3M	AVI4M
Visual Arts			*AVI3ME	*AVI4ME
Visual Arts (Sculpture)			AWP30	
Visual Arts (Portfolio)				AWM4M
Visual Arts (Portfolio)				*AWM4ME
Business Studies				
Information and Communication Technology in Business	BTT10			
Introduction to Business		BBI20		
Entrepreneurship: The Venture			BDI3C	
Information and Communication Technology: The Digital Environment			BTA30	
Introduction to International Business				BBB4M
Business Leadership: Management Fundamentals				BOH4M
Canadian and World Studies				
Civics (0.5 credit)		CHV20		
Geography of Canada — Academic	CGC1D(F)			
Geography of Canada — Academic	*CGC1DE(J)			
Geography of Canada — Applied	CGC1P	CHC2P		
The Environment and Resource Management				CGR4M
Physical Geography: Patterns, Processes, and Interactions			*CGF3ME	
Regional Geography: Travel and Tourism			CGG30	
Canadian and World Issues: A Geographic Analysis				CGW4U
Canadian and World Issues: A Geographic Analysis				*CGW4UE
Canadian History Since World War I — Academic		CHC2D(F)		
Canadian History Since World War I — Academic		*CHC2DE(J)		
Canadian History Since World War I — Applied		CHC2P		
American History			*CHA3UE	
World History to the Sixteenth Century			CHW3M	

* Course is only available to students in International Baccalaureate Diploma Program.

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	Grade 9	Grade 10	Grade 11	Grade 12
Understanding Canadian Law — University/College			CLU3M	
Canadian and International Law — University				CLN4U
Canadian and World Politics				CPW4U
World History: The West and the World				CHY4U
World History: The West and the World				*CHY4UE
Classical Studies and International Languages (By Levels of Proficiency)				
Spanish	LWSAD	LWSBD	LWSCU	LWSDU
Computer Studies				
Introduction to Computer Studies		ICS20	ICS3U	
Cooperative Education				
For more information, see page 176 or contact Student Services or Cooperative Education teachers.				
English				
Compulsory Courses in English, Grades 9 and 10				
English — Academic	ENG1D	ENG2D		
English — Academic	*ENG1DE	*ENG2DE		
English — Applied	ENG1P	ENG2P		
English — College			ENG3C	ENG4C
English — University			ENG3U	ENG4U
English — University			*ENG3UE	*ENG4UE
Optional Courses in English, Grades 11 to 12				
Media Studies			EMS30	
The Writer's Craft				EWC4U
French as a Second Language				
Core French	FSF1D	FSF2D	FSF3U	FSF4U
Core French	*FSF1DE	*FSF2DE	*FSF3UE	*FSF4UE
Core French — Applied	FSF1P			
French Immersion	FIF1D	FIF2D	FIF3U	FIF4U
French Immersion			*FIF3UE	*FIF4UE
Guidance and Career Education				
Career Studies (0.5 credit)		GLC20		
Health and Physical Education				
Healthy Active Living Education — Female	PPL10P	PPL20P	PPL30P	PPL40P
Vie Active — Immersion — Female	PPL101(F)	PPL201(F)		
Healthy Active Living Education — Male	PPL10Q	PPL20Q	PPL30Q	PPL40Q
Vie Active — Immersion — Male	PPL102(F)	PPL202(F)		
Outdoor Activities		PAD20	PAD30	

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Course Selection

Colonel By Secondary School

	Grade 9	Grade 10	Grade 11	Grade 12
Rhythm and Movement		PAR20	PAR30	PAR40
Personal and Fitness Activities			PAF30	PAF40
Exercise Science				PSE4U
Interdisciplinary Studies				
New Media: A Critical Approach to Journalism				IDC4U
Yearbook Production				IDC40/4U(1)
Environmental Leadership				IDC40/4U(2)
Mathematics				
Principles of Mathematics — Academic	MPM1D	MPM2D		
Principles of Mathematics — Academic	*MPM1DE	*MPM2DE		
Foundations of Mathematics (Applied)	MFM1P	MFM2P		
Functions — University			MCR3U	
Functions — University			*MCR3UE	
Functions and Applications – University/College			MCF3M	
Foundations for College Mathematics			MBF3C	
Mathematics for Work and Everyday Life			MEL3E	MEL4E
Advanced Functions				MHF4U
Advanced Functions			*MHF4UE(1/2)	
Calculus and Vectors				MCV4U
Calculus and Vectors				*MCV4UE(1/2)
Mathematics of Data Management				MDM4U
Foundations for College Mathematics				MAP4C
Science				
Science — Academic	SNC1D(F)	SNC2D(F)		
Science — Academic	*SNC1DE(J)	*SNC2DE(J)		
Science — Applied	SNC1P	SNC2P		
Biology — College			SBI3C	
Biology — University			SBI3U	SBI4U
Biology — University			*SBI3UE	*SBI4UE
Chemistry — University			SCH3U	SCH4U
Chemistry — University			*SCH3UE	*SCH4UE
Physics — University			SPH3U	SPH4U
Physics — University			*SPH3UE	*SPH4UE
Social Sciences and Humanities				
Introduction to Anthropology, Psychology, and Sociology			HSP3M	
World Religions: Beliefs, Issues, and Religious Traditions			HRT3M	

* Course is only available to students in International Baccalaureate Diploma Program.

If present, the sixth character in a course code provides additional information. For example: *E* — Enriched; *G* — Gifted; *S* — Sheltered; *F* — Language of Instruction is French; *I* — Gifted Immersion; *R* — Advanced Placement (AP); *H* — AP Taught in French. See page 7 for details.

	Grade 9	Grade 10	Grade 11	Grade 12
Individuals and Families in a Diverse Society				HHS4M
Philosophy: Questions and Theories			*HZT4UE	
Technological Education				
Exploring Technologies	TIJ10			
Communications Technology		TGJ20	TGJ3M	TGJ4M
Communications Technology			*TGJ3ME	*TGJ4ME
Communications Technology (Digital Broadcasting)				TGJ4M(1)
Technological Design			TDJ3M	

** Course is only available to students in International Baccalaureate Diploma Program.*

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** Denotes course is only available to students in International Baccalaureate Diploma Program.*

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Description

General Information

Continuing Education Credit programs offer full credit courses to adults and secondary school students. Courses of various grade levels, subject areas, and types are offered. The Credit programs provide an opportunity for students to supplement and enrich their secondary education by acquiring additional credits. These credits may not be available at the student's home school or the student may be unable to schedule the course into her/his timetable. Continuing Education Credit programs also serve students who were not successful in obtaining a credit or who want to improve their mark. Adults may complete their diploma requirements, upgrade skills and qualifications, or obtain a necessary university/college program prerequisite.

Night School Program

The Credit Night School Program offers two semesters; the fall semester runs from September to December, the winter semester from February to May. Classes are held two nights per week from 6:00 to 10:00 p.m. each night. Classes are located at Merivale High School and Adult High School. Registration is held in late August/early September and late January/early February.

Summer School Program

The Summer School Credit Program offers Make Up and Reach Ahead courses during the month of July. The Cooperative Education Summer Program is a work education program for which students receive one credit LINKed to a course they have previously completed. The course consists of a classroom component and a supervised learning and training placement in the community. Registration for all summer programs takes place in May and June.

International Languages

The International Languages program offers credit courses in 18 different languages, in grades 9 to 12. The program begins in September and ends in June. Classes are held on Saturdays at Glebe Collegiate, Nepean High School, and Ridgemont High School. Registration takes place in September.

Program Info

Night School/Summer

School Phone
613-239-2620

**International
Languages Phone**
613-239-2703

Fax
613-239-2324

www.ocdsb.ca/continuuweb

Principal
Catherine Deschambault

Continuing Education Officers

Cathy Quigley
*Night School/
Summer School*

Debasree Banerji
International Languages

**Superintendent of
Instruction**
Jill Bennett

Formats

*Night School/Summer
School*
Semestered

International Languages
Non-semestered

Summer School Courses (RA = Reach Ahead; MU = Make Up)									
Course Title	Course Code	Sir Wilfrid Laurier		Adult High School		Sir Robert Borden		Longfields–Davidson Heights	
		RA	MU	RA	MU	RA	MU	RA	MU
Grade 9									
English — Academic	ENG1D		0		0				0
English — Applied	ENG1P				0		0		
Geography of Canada — Academic	CGC1D	√			0	√	0		
Geography of Canada — Applied	CGC1P						0		
Math — Principles of Mathematics — Academic	MPM1D		0		0	√	0		0
Math — Foundations of Mathematics — Applied	MFM1P				0		0		
Science — Academic	SNC1D		0		0		0		0
Science — Applied	SNC1P						0		
Grade 10									
Introduction to Business — Open	BBI20	√		√		√		√	
Canadian History in the Twentieth Century — Academic	CHC2D			√	0	√	0		
Canadian History in the Twentieth Century — Applied	CHC2P						0		
Career Studies and Civics — Open (in the RA Program students must take both)	GLC20/ CHV20	√		√	0	√	0	√	
Career Studies and Civics, French Immersion — Open (in the RA Program students must take both)	GLC20F/ CHV20F	√						√	
English — Academic	ENG2D		0		0	√	0		0
English — Applied	ENG2P				0		0		
Math — Principles of Mathematics — Academic	MPM2D		0	√	0		0		0
Math — Foundations of Mathematics — Applied	MFM2P				0		0		
Science — Academic	SNC2D	√	0	√	0	√	0		0
Science — Applied	SNC2P						0		
Grade 11									
English — University	ENG3U	√	0	√		√	0	√	0
English — College	ENG3C			√	0				
Intro to Anthropology — College/University	HSB3M	√		√				√	

If present, the sixth character in a course code provides additional information. For example: *E* — Enriched; *G* — Gifted; *S* — Sheltered; *F* — Language of Instruction is French; *I* — Gifted Immersion; *R* — Advanced Placement (AP); *H* — AP Taught in French. See page 7 for details.

Summer School Courses (RA = Reach Ahead; MU = Make Up)									
Course Title	Course Code	Sir Wilfrid Laurier		Adult High School		Sir Robert Borden		Longfields–Davidson Heights	
Math — Foundations for College Math — College	MBF3C				0	√			
Math — Functions — University	MCR3U	√	0	√	0	√	0	√	0
Biology — University	SBI3U			√	0			√	
Chemistry — University	SCH3U	√		√		√	0	√	
Physics — University	SPH3U	√		√		√	0	√	
Grade 12									
Canadian and World Politics	CPW4U			√					
English — University	ENG4U	√		√	0	√		√	
English — College	ENG4C			√	0				
English — Ontario Literacy Course — Open	OLC4O			√		√			
Individuals and Families in a Diverse Society — College/University	HHS4M	√		√		√		√	
Math — Foundations for College Math — College	MAP4C			√		√			
Math — Mathematics of Data Management — University	MDM4U	√				√			
Math — Calculus and Vectors — University	MCV4U		0	√			0		0
Math — Advanced Functions — University	MHF4U	√	0	√		√	0	√	0
Biology — University	SBI4U	√			0	√			
Chemistry — University	SCH4U					√	0		
Physics — University	SPH4U	√		√		√	0		
Cooperative Education (in-class sessions are at Sir Guy Carleton Secondary School)									
English as a Second Language									
Bridge to English — Open	ESLEO			√					
English — Grade 10 Academic (for ESL students recommended by the day school)	ENG2D1			√					
Online Learning Courses (offered in reach ahead only)									
Career Studies and Civics — Grade 10 Open (students must take both)						GLC20T/ CHV20T			
Fashion and Creative Expression — Grade 11 Open						HNC30T			
World Religions, Beliefs, Issues, and Religious Traditions — Grade 11 College/University						HRT3MT			
Philosophy: Questions and Theories — Grade 12 University						HZT4UT			

The sixth character (T) indicates that these courses are offered as online courses.

If present, the sixth character in a course code provides additional information. For example: E — Enriched; G — Gifted; S — Sheltered; F — Language of Instruction is French; I — Gifted Immersion; R — Advanced Placement (AP); H — AP Taught in French. See page 7 for details.

	Grade 9	Grade 10	Grade 11	Grade 12
Night School Credit Courses				
Make-up courses are offered in the winter session only				
Course Title	Course Code	EAST/CENTRAL	CENTRAL/WEST	CENTRAL/WEST
		ADULT H.S.	MERIVALE H.S.	MERIVALE H.S.
RA = Reach-ahead MU = Make-up			*RA	*MU
Grade 10				
English — Applied	ENG2P	√		
Math — Principles of Mathematics — Applied	MFM2P	√		
Grade 11				
Designing Your Future — Open	GWL30	√	√	
English — College	ENG3C	√		
Math — Foundations for College Mathematics — College	MBF3C		√	
Math — Functions and Applications — College/University	MCF3M	√		
Math — Functions — University	MCR3U		√	
Biology — College	SBI3C	√		
Biology — University	SBI3U	√		
Chemistry — University	SCH3U	√		
Physics — University	SPH3U	√		
Grade 12				
Canadian and World Politics — University	CPW4U	√		
Canada: History, Identity, and Culture — University	CHI4U		√	
Challenge and Change in Society — College/University	HSB4M	√	√	
English — College	ENG4C	√	√	
English — University	ENG4U	√	√	0
Math — Foundations for College	MAP4C	√	√	
Math — Calculus and Vectors — University	MCV4U		√	0
Math — Data Management — University	MDM4U	√	√	
Math — Advanced Functions — University	MHF4U	√	√	0
Health and Physical Education — Exercise Science — University	PSE4U	√		
Biology — University	SBI4U		√	
Chemistry — College	SCH4C		√	
Chemistry — University	SCH4U		√	0
Physics — University	SPH4U		√	
Ontario Secondary School Literacy Course (OSSLC) — Open	OLC40	√	√	

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Grade 9 Grade 10 Grade 11 Grade 12

International Languages			
Unless otherwise noted, grade 9,10,11,12 credits can be earned in each language			
	Glebe C.I.	Nepean H.S.	Ridgemont H.S.
Arabic		√	√
Cantonese		√	
Croatian			√
Dari			√
German — grade 9 and 10	√		
Hindi	√		
Japanese	√		
Mandarin — Traditional		√	
Mandarin — Simplified		√	
Modern Greek	√		
Somali	√		√
Spanish	√		
Swedish	√		
Tamazight/Berber	√		
Tamil			√
Thai	√		
Urdu			√
Vietnamese	√		

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If present, the sixth character in a course code provides additional information. For example: E — Enriched; G — Gifted; S — Sheltered; F — Language of Instruction is French; I — Gifted Immersion; R — Advanced Placement (AP); H — AP Taught in French. See page 7 for details.

Earl of March Secondary School

No. 4 The Parkway
Kanata, ON K2K 1Y4



School Info

Phone

613-592-3361

Fax

613-592-9501

www.earlofmarch.com

Principal

Steven Massey

Vice-principals

Jayne Ford
Jon Harris

Superintendent of

Instruction

Jill Bennett

Enrolment

1110

Format

Semestered

Description

General Information

Earl of March Secondary School is a community school committed to excellence for all students.

Goals

To provide destination-driven program pathways for all students within our community. The Mission Statement of our school is "to provide a caring, challenging, and safe environment, which will encourage and motivate students to pursue excellence in all their endeavours."

Special Programs

Programming in the school is diverse and provides excellent opportunities for all students in both the core and optional curriculum areas. Enriched studies are offered in English, History, Computer Science, Music, Languages, Mathematics, and Science. Our Advanced Placement Program offers nine courses that allow students to obtain university credits while still in secondary school. French Immersion programs are offered in 14 courses in the regular school program plus additional opportunities are available through Cooperative Education placement. Extra-curricular opportunities are available through an excellent Athletic Program, award-winning bands, dramatic and dance performances, Visual Arts, leadership programs, student council, and over 60 sports and club activities. We believe school should be a mix of academic excellence enhanced with extra-curricular activities. Earl of March offers opportunities for students to excel both academically and foster qualities of good global citizenship.

Highlights

- Programming in the school is diverse and provides excellent opportunities for all students in both the core and optional curriculum areas. Enriched studies are offered in English, History, Computer Science, Music, Languages, Mathematics, and Science.
- Gold and silver medals were garnered at provincial and national Music, Drama, and Dance competitions. A school musical is an annual event. Students who focus on the Arts may obtain an Arts Certificate.
- EOM Computer Science students work with various technology firms.
- Fifty championship teams have advanced to the NCSSAA finals and OFSSA.
- State-of-the-art facility renovation of four science labs in 2009.
- Special facilities include a video conference/presentation lab, a 700-seat auditorium, seven computer labs, and a full-service library with high-speed internet connections, large bright gymnasiums, and several playing fields.

	Grade 9	Grade 10	Grade 11	Grade 12
Arts				
Dance		ATC20	ATC3M	ATC4M
Drama	ADA10	ADA20	ADA3M	ADA4M
Media Arts		ASM20		
Music — Guitar		AMG20	AMG3M	
Music — Instrumental	AMI10	AMI20	AMI3M	AMI4M
Music — Repertoire (0.5 credit for grades 9 and 10)	AMR10	AMR20		
Music — Repertoire (1.0 credit for grades 11 and 12)			AMR3M	AMR4M
Music — Vocal		AMV20	AMV3M	AMV4M
Ceramics		AWC20	AWC3M	AWC4M
Drawing (Life Drawing)				AWL4M
Visual Design (Applied Design)			AWD3M	
Photography			AWQ3M	AWQ4M
Yearbook — Information/Consumer Design			AWE3M	AWE4M
Drawing and Painting — Portfolio				AWM4M
Visual Arts	AVI10	AVI20	AVI3M	AVI4M
Visual Arts (Digital Media — Communications)		AWS20	AWS3M	AWS4M
Business Studies				
Information and Communication Technology in Business	BTT10(F)			
Financial Accounting Fundamentals — University/College			BAF3M	
Financial Accounting Principles				BAT4M
Introduction to Business		BBI20		
Marketing: Goods, Services, Events			BMI3C	
Information and Computer Technology			BTA30	
International Business Fundamentals				BBB4M
Canadian and World Studies				
Civics (0.5 credit)		CHV20(F)		
Canadian History Since World War I — Academic		CHC2D(F)		
Canadian History Since World War I — Applied		CHC2P		
American History			CHA3U(R)	
World History to the Sixteenth Century			CHW3M(F)	
Canadian and World Politics				CPW4U
Analysing Current Economic Issues				CIA4U
Canada: History, Identity, and Culture				CHI4U
World History: The West and the World				CHY4U(R)
Understanding Canadian Law			CLU3M	
Canadian and International Law				CLN4U

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	Grade 9	Grade 10	Grade 11	Grade 12
Geography of Canada — Academic	CGC1D(F)			
Geography of Canada — Applied	CGC1P			
Regional Geography: Travel and Tourism			CGG30	
Canadian and World Issues: A Geographical Analysis				CGW4U(F)
Physical Geography			CGF3M	
Computer Studies				
Introduction to Computer Studies		ICS20		
Computer Science			ICS3U	ICS4U
Cooperative Education				
For more information, see page 176 or contact Student Services or Cooperative Education teachers.				
English				
Compulsory Courses in English, Grades 9 to 12				
English — Academic	ENG1D	ENG2D(E)		
English — Applied	ENG1P	ENG2P		
English — L.D.C.C. — Essentials	ENG1L	ENG2L	ENG3E	
English — University			ENG3U(R)	ENG4U(R)
English — College			ENG3C	ENG4C
Optional Courses in English, Grades 11 to 12				
The Writer's Craft				EWC4U
Media Studies			EMS30	
Studies in Literature				ETS4U
The Ontario Secondary School Literacy Course (Restricted enrolment/selection by approval only)				OLC40
French as a Second Language				
Core French — Academic, University	FSF1D	FSF2D	FSF3U	FSF4U
Core French — Applied	FSF1P	FSF2P		
Extended French — Academic	FEF1D	FEF2D		
French Immersion — Early Immersion	FIF1D	FIF2D	FIF3U(H)	FIF4U
Guidance and Career Education				
Career Studies (0.5 credit)		GLC20(F)		
Navigating the Workplace				GLN40

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Course Selection

	Grade 9	Grade 10	Grade 11	Grade 12
Health and Physical Education				
Healthy Active Living Education — Female	PPL10P	PPL20P	PPL30P	PPL40P
Healthy Active Living Education — Male	PPL10Q	PPL20Q	PPL30Q	PPL40Q
Exercise Science				PSE4U
Interdisciplinary Studies — Leadership				IDC4U
Personal and Fitness Activities		PAF20(F)	PAF30	PAF40
Recreation and Fitness Leadership				PLF4C
Leadership and Peer Support (Leadership)			GPP30	
Mathematics				
Principles of Mathematics — Academic	MPM1D(E)	MPM2D(E)		
Foundations of Mathematics — Applied	MFM1P	MFM2P		
Mathematics — L.D.C.C. — Essentials	MAT1L	MAT2L		
Functions — University			MCR3U	
Functions and Applications — University/College			MCF3M	
Foundations for College Mathematics			MBF3C	MAP4C
Advanced Functions				MHF4U
Calculus and Vectors				MCV4U
Mathematics of Data Management				MDM4U
Mathematics for College Technology				MCT4C
Mathematics for Work and Everyday Life			MEL3E	MEL4E
Science				
Science — Academic	SNC1D(F)	SNC2D(F)		
Science — Applied	SNC1P	SNC2P		
Biology — University			SBI3U	SBI4U(R)
Biology — College			SBI3C	
Chemistry — University			SCH3U	SCH4U(R)
Chemistry — College				SCH4C
Physics — University			SPH3U(R)	SPH4U(R)
Earth and Space Science				SES4U
Social Sciences and Humanities				
Food and Nutrition		HFN20		
Living and Working with Children			HPW3C	
Introduction to Anthropology, Psychology, and Sociology			HSP3M(F)	
Individuals and Families in a Diverse Society				HHS4M
Food and Nutrition Sciences				HFA4M
World Religions			HRT3M	

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	Grade 9	Grade 10	Grade 11	Grade 12
Technological Education				
Exploring Technologies	TIJ10			
Manufacturing Technology		TMJ20		
Manufacturing Technology			TMJ3M	TMJ4M
Constuction Technology		TCJ20		
Custom Wodworking			TWJ3E	TWJ4E
Computer Engineering Technology			TEJ3M	TEJ4M

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To select your courses for 2011–2012 please click on the following link — <https://webapps.ocdsb.ca/twebcr>.

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Glebe Collegiate Institute

212 Glebe Avenue
Ottawa, ON K1S 2C9

Description

General Information

Glebe Collegiate Institute, located in the beautiful Glebe neighbourhood, has developed a rich tradition over its 80-year history. Many of our students have achieved national and international recognition, and we are proud of the educational foundation that Glebe has given to its students.

Goals

Glebe's commitment to learning is embodied in our motto 'strive for the heights.' Staff and students continually celebrate the diversity of our school community through a culture of mutual respect, leadership, integrity, and compassion.

Special Programs

Glebe Collegiate Institute offers a wide range of challenging and inclusive academic and co-curricular activities that are devoted to student success. Hallmarks of the Glebe tradition are our outstanding academic programs, central Ottawa's only Gifted French Immersion Program, a stellar Arts Program, and over 30 sports teams. The school and staff are equipped to support students with disabilities. A partnership with Carleton University provides senior students with borrowing privileges at MacOdrum Library. The school is the chosen site for the OCDSB Focus Program in Cabinet Making which provides students with the opportunity to practise

Highlights

- Glebe students have placed in top positions of national Physics, Mathematics, and Science competitions. They regularly receive entrance awards and scholarships to post secondary programs.
- Our student body reflects a wide mix of ethnic and cultural backgrounds. Over one third of our population speaks one, or more, of over 70 languages.
- Many of our unique programs and clubs, such as rowing, robotics, environmental club and the Offbeat Percussion Group, have received national recognition.
- Glebe students have participated in the Concours de Français, sponsored by Carleton University, receiving first, second, fifth, and seventh place finishes as individuals, and as a team our students won first place for the category Immersion. Our French-speaking students will also have the opportunity to become certified according to the European 'Diplôme d'Etudes en Langue Française (DELF)' language assessment which will provide them with an internationally recognized standard for their ability in the French language.

From 2008 to 2010, city championships have been won by the Junior and Senior Boys and Senior Girls Volleyball teams; Track and Field Boys, Girls and Grand Aggregate; Cross Country Running Boys Aggregate and Grand Aggregate; and Girls Rugby. Our Senior Boys Volleyball team won the Provincial Championship. Glebe also competes in some unique sports: swimming, water polo and girls field hockey, amongst others. Glebe Collegiate Institute is a safe, caring, and vibrant community which offers Music, Drama, athletics, clubs, international trips abroad, and many other enrichment and leadership opportunities.

School Info

Phone

613-239-2424

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www.glebeci.ca

Principal

Pat Kulka

Vice-principals

Rupi Bergamin

Paul Hutton

Superintendent of

Instruction

Walter Piovesan

Enrolment

1500

Format

Semestered

	Grade 9	Grade 10	Grade 11	Grade 12
Arts				
Drama	ADA10(S)	ADA20	ADA3M	ADA4M
Instrumental Music — Band	AMU10	AMU20	AMU3M	AMU4M
Music — Vocal/Choral	AMV10	AMV20	AMV3M	AMV4M
Music — Band (0.5 credit)	AMI10	AMI20		
Music — Band			AMI3M	AMI4M
Music — Choir (0.5 credit)	AMR10	AMR20		
Music — Choir			AMR3M	AMR4M
Music — Keyboard		AMK20	AMK3M	AMK4M
Music — Stage Band		AMH20	AMH3M	AMH4M
Music — Percussion		AMP20	AMP3M	AMP4M
Music — Guitar		AMG20	AMG30	
Visual Arts	AVI10(F)	AVI20	AVI3M	AVI4M
Visual Arts — Film/Video			AWR30	
Business Studies				
Financial Accounting Fundamentals			BAF3M	
Financial Accounting Principles				BAT4M
Entrepreneurship: Venture Planning				BDV4C
Marketing: Goods, Services, Events			BMI3C	
Introduction to Business		BBI20(S)		
International Business Essentials				BBB4M
Introduction to Information Technology	BTT10(F)			
Canadian and World Studies				
Civics (0.5 credit)		CHV20(F,S)		
Analysing Current Economic Issues				CIA4U
Geography of Canada — Academic	CGC1D(F,I)			
Geography of Canada — Applied	CGC1P(S)			
Canadian and World Issues: A Geographical Analysis				CGW4U
Regional Geography: Travel and Tourism			CGG30	
Canadian History in the Twentieth Century — Academic		CHC2D(F,I)		
Canadian History in the Twentieth Century — Applied		CHC2P(S)		
American History			CHA3U	
World History to the Sixteenth Century			CHW3M(F,I)	
Twentieth-Century History: Global and Regional Perspectives			CHT30	
World History: The West and the World — University				CHY4U(F)
Understanding Canadian Law — University/College			CLU3M	

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	Grade 9	Grade 10	Grade 11	Grade 12
Canadian and International Law				CLN4U
Adventures in World History				CHM4E
Classical Studies and International Languages				
Spanish		LWSBD	LWSCU	LWSDU
German		LWGBD	LWGCU	
Latin		LVLAD	LVLBU	LVLUCU
Computer Studies				
Introduction to Computers		ICS20		
Computer Science			ICS3U	ICS4U
Cooperative Education				
For more information, see page 176 or contact Student Services or Cooperative Education teachers.				
English				
Compulsory Courses in English, Grades 9 to 12				
Locally Developed Compulsory Course				
(Restricted enrolment/selection by approval only.)	ENG1L	ENG2L		
English — Academic	ENG1D(G)	ENG2D(G)		
English — Applied	ENG1P	ENG2P		
English — University			ENG3U(G)	ENG4U(G)
English — College			ENG3C	ENG4C
Optional Courses in English, Grades 11 to 12				
Media Studies			EMS30	
The Writer's Craft				EWC4U
Studies in Literature — Post Colonial Literature				ETS4U
The Ontario Secondary School Literacy Course (Restricted enrolment/selection by approval only.)				OLC40
English as a Second Language				
Note: Courses are not grade specific. They are determined by the student's level of proficiency				
English as a Second Language, Level 1	ESLAO			
English as a Second Language, Level 2	ESLBO			
English as a Second Language, Level 3	ESLCO			
English as a Second Language, Level 4	ESLDO			
English as a Second Language, Level 5	ESLEO			
French as a Second Language				
Core French — Academic, University	FSF1D	FSF2D	FSF3U	FSF4U
Core French — Applied	FSF1P(S)	FSF2P(S)		
Extended French — Late Immersion	FEF1D	FEF2D	FEF3U	FEF4U
French Immersion — Early Immersion	FIF1D(G)	FIF2D(G)	FIF3U(G)	FIF4U(G)

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	Grade 9	Grade 10	Grade 11	Grade 12
Guidance and Career Education				
Career Studies (0.5 credit)		GLC20(F,S)		
Leadership and Peer Support (Selection by approval only)			GPP30	
Health and Physical Education				
Healthy Active Living Education — Female	PPL10P	PPL20P	PPL30P	PPL40P
Healthy Active Living Education — Male	PPL10Q	PPL20Q	PPL30Q	PPL40Q
Exercise Science				PSE4U
Health for Life — Female		PAF20P	PAF30P	PAF40P
Health for Life — Male				PAF40Q
Outdoor Activities		PAD20		
Interdisciplinary Studies				
LINK Crew			IDC30	IDC40
Mathematics				
Locally Developed Compulsory Course (Restricted enrolment/selection by approval only.)	MAT1L	MAT2L		
Principles of Mathematics — Academic	MPM1D(S,G)	MPM2D(S,G)		
Foundations of Mathematics — Applied	MFM1P	MFM2P		
Functions — University			MCR3U(G)	
Functions and Applications — University/College			MCF3M	
Foundations for College Mathematics			MBF3C	MAP4C
Advanced Functions				MHF4U(F,I)
Calculus and Vectors				MCV4U
Mathematics of Data Management				MDM4U
Mathematics for College Technology				MCT4C
Mathematics for Work and Everyday Life			MEL3E	MEL4E
Science				
Science — Academic	SNC1D(F,I,S)	SNC2D(F,I,S)		
Science — Applied	SNC1P	SNC2P		
Science — University/College			SVN3M	SNC4M
Biology — University			SBI3U	SBI4U
Biology — College			SBI3C	
Chemistry — University			SCH3U(G)	SCH4U(G)
Chemistry — College				SCH4C
Physics — University			SPH3U(G)	SPH4U(G)
Physics — College				SPH4C
Social Sciences and Humanities				
Food and Nutrition		HFN20		
Managing Personal and Family Resources			HIR3C	

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	Grade 9	Grade 10	Grade 11	Grade 12
Parenting			HPC30	
Introduction to Anthropology, Psychology, and Sociology			HSP3M(F)	
Individuals and Families in a Diverse Society				HHS4M
Fashion and Creative Expression			HNC30	
World Religions: Beliefs, Issues, and Religious Traditions			HRT3M	
Technological Education				
Exploring Technologies	TIJ10			
Communications Technology		TGJ20	TGJ3M	TGJ4M
Construction Technology		TCJ20		
Technological Design		TDJ20	TDJ3M	TDJ4M
Computer Engineering		TEJ20	TEJ3M	TEJ4M
Custom Woodworking			TWJ3E	

Focus and Specialist High Skills Major Programs

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If present, the sixth character in a course code provides additional information. For example: E — Enriched; G — Gifted; S — Sheltered; F — Language of Instruction is French; I — Gifted Immersion; R — Advanced Placement (AP); H — AP Taught in French. See page 7 for details.

Gloucester High School

2060 Ogilvie Road
Gloucester, ON K1J 7N8



School Info

Phone

613-745-7176

Fax

613-745-5756

www.gloucesterhs.ocdsb.ca

Principal

Alan Johnson

Vice-principals

Christine Kessler

Larry Ruch

Superintendent of

Instruction

Pino Buffone

Enrolment

761

Format

Semestered

Description

General Information

Gloucester High School takes pride in the diversity of our school community and the dedication of our staff. Our motto "hard work overcomes challenges" is exemplified by the many accomplishments of our students both in academics and in extra-curricular activities. We provide opportunities to explore a range of post secondary pathways including college, apprenticeships, university, and the world of work.

Goals

We are committed to the success of all our students. We strive to create a safe, inclusive, and respectful environment that fosters the development of character and inspires our students to reach their full potential.

Special Programs

Academic programming at Gloucester High School is designed to meet the varied interests and learning needs of our students. For example, our language study programs include French Immersion and Japanese. Approximately 290 students and 25 staff members have participated in trips to Japan over the past 15 years.

Our Athletic Program boasts two Rugby Focus Courses as well as courses in Girls' Body Sculpting, and Recreation and Fitness Leadership. We also offer a Transportation Program which has produced award-winning students in the CAA North and East Ontario Student Auto Skills competition. Students in our Cooperative Education Program benefit from the many partnerships we have established in the broader community.

Highlights

- In 2010, Gloucester High School won the 'Reach for the Top' Ontario Provincial Championship.
- LINK Crew leadership courses allow senior students to earn credits while supporting the transition of new grade 9 students to high school.
- In addition to our excellent vocal ensemble and bands, we offer unique music and Arts courses such as Percussion, Guitar, Ceramics, and Photography.
- Every year we celebrate the accomplishments of student athletes at our Annual Athletic Banquet.

	Grade 9	Grade 10	Grade 11	Grade 12
Arts				
Dramatic Arts	ADA10	ADA20	ADA3M	ADA4M
Instrumental Music	AMI10	AMI20	AMI3M	AMI4M
Instrumental Music — Percussion	AMP10	AMP20	AMP30	
Music — Vocal Ensemble	AMV10	AMV20	AMV30	AMV4M
Music — Concert Band	AMR10	AMR20	AMR3M	AMR4M
Music — Guitar		AMG20	AMG30	
Visual Arts	AVI10	AVI20	AVI3M	AVI4M
Photography			AWQ3M	AWQ4M
Ceramics			AWC3M	AWC4M
Business Studies				
Introduction to Information Technology and Business	BTT10			
Introduction to Business		BBI20		
Financial Accounting Fundamentals			BAF3M	
Financial Accounting Principles				BAT4M
International Business Essentials				BBB4M
Marketing: Goods, Services, Events			BMI3C	
Business Leadership: Management Fundamentals				BOH4M
Analysing Current Economic Issues				CIA4U
Canadian and World Studies				
Civics (0.5 credit)		CHV20		
Geography of Canada — Academic	CGC1D(F)			
Geography of Canada — Applied	CGC1P			
Regional Geography: Travel and Tourism			CGG30	
Canadian and World Issues: A Geographic Analysis				CGW4U
Canadian History in the Twentieth Century — Academic		CHC2D(F)		
Canadian History in the Twentieth Century — Applied		CHC2P		
Twentieth-Century History: Global and Regional Perspectives			CHT30	
World History to the Sixteenth Century			CHW3M	
(Please note that CHW3MF will be offered in 2012–2013 and only in alternating years).			CHW3MF	
Understanding Canadian Law — University/College			CLU3M	
Canadian and International Law				CLN4U
Canadian and World Politics				CPW4U
Classical Studies and International Languages (by levels of proficiency)				
Spanish		LWSBD	LWSCU	LWSDU
Japanese		LKJBD	LKJCU	LKJDU

If present, the sixth character in a course code provides additional information. For example: E — Enriched; G — Gifted; S — Sheltered; F — Language of Instruction is French; I — Gifted Immersion; R — Advanced Placement (AP); H — AP Taught in French. See page 7 for details.

	Grade 9	Grade 10	Grade 11	Grade 12
Computer Studies				
Computer Science			ICS3U	ICS4U
Cooperative Education				
For more information, see page 176 or contact Student Services or Cooperative Education teachers. Cooperative Education credits are also available in French Immersion. Be sure to select the correct code on your option sheet.				
English				
Compulsory Courses in English, Grades 9 to 12				
English — Academic	ENG1D	ENG2D(G)		
English — Applied	ENG1P	ENG2P		
English — University			ENG3U(G)	ENG4U
English — College			ENG3C	ENG4C
Optional Courses in English, Grades 11 to 12				
The Ontario Secondary School Literacy Course (Restricted enrolment/selection by approval only.)				OLC40
Media Studies — Yearbook Production			EMS307	
The Writer's Craft				EWC4U(R)
English as a Second Language				
Courses are not grade specific. They are determined by the student's level of proficiency.				
English as a Second Language, Level 1	ESLAO			
English as a Second Language, Level 2	ESLBO			
English as a Second Language, Level 3	ESLCO			
English as a Second Language, Level 4	ESLDO			
English as a Second Language, Level 5	ESLEO			
French as a Second Language				
Core French — Academic, University	FSF1D	FSF2D	FSF3U	FSF4U
Core French — Applied, Open	FSF1P	FSF2P	FSF30	
French Immersion	FIF1D	FIF2D	FIF3U	FIF4U(R)
Guidance and Career Education				
Learning Strategies 1: Skills for Success in Secondary School	GLS10			
Career Studies (0.5 credit)		GLC20		
LINK Crew Leadership			IDC30	IDC4U
Health and Physical Education				
Healthy Active Living Education — Female	PPL10P	PPL20P	PPL30P	PPL40P
Healthy Active Living Education — Male	PPL10Q	PPL20Q	PPL30Q	PPL40Q
Rugby Focus Course			PAL30	PAL40
Personal and Fitness Activities			PAF30	PAF40
Exercise Science				PSE4U
Intramurals and Leadership			GPP301	

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Course Selection

	Grade 9	Grade 10	Grade 11	Grade 12
Girls' Body Sculpting		PAF20P		
Recreation and Fitness Leadership				PLF4C
Mathematics				
Mathematics — Essentials	MAT1L	MAT2L		
Principles of Mathematics — Academic	MPM1D	MPM2D(G)		
Foundations of Mathematics — Applied	MFM1P	MFM2P		
Functions — University			MCR3U(G)	
Functions and Applications — University/College			MCF3M	
Foundations for College Math			MBF3C	
Mathematics for Work and Everyday Life			MEL3E	MEL4E
Advanced Functions				MHF4U
Calculus and Vectors				MCV4U
Mathematics of Data Management				MDM4U
Foundations for College Mathematics				MAP4C
Mathematics for College Technical				MCT4C
Science				
Science — Academic	SNC1D(F)	SNC2D(F,G)		
Science — Applied	SNC1P	SNC2P		
Biology — University			SBI3U(G)	SBI4U
Biology — College			SBI3C	
Chemistry — University			SCH3U(R)	SCH4U(R)
Chemistry — College				SCH4C
Physics — University			SPH3U(G)	SPH4U
Social Sciences and Humanities				
Food and Nutrition		HFN20(F)		
Fashion and Creative Expression			HNC30	
Parenting			HPC30	
Introduction to Anthropology, Psychology, and Sociology			HSP3M	
(Please note that HSP3MF will be offered in 2011–2012 and in alternating years).			HSP3MF	
Food and Nutrition Sciences				HFA4M
Individuals and Families in a Diverse Society				HHS4M
Philosophy: Questions and Theories				HZT4U

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	Grade 9	Grade 10	Grade 11	Grade 12
Technological Education				
Integrated Technologies	TIJ10			
Communications Technology		TGJ20	TGJ3M	TGJ4M
Construction Technology		TCJ20	TCJ3C1	TCJ4C1
Construction Technology — 2nd Credit			TCJ3C2	TCJ4C2
Technological Design		TDJ20	TDJ3M	TDJ4M
Transportation Technology		TTJ20	TTJ3C1	TTJ4C1
Transportation Technology — 2nd Credit			TTJ3C2	TTJ4C2

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Hillcrest High School

1900 Dauphin Road
Ottawa, ON K1G 2L7

Description

General Information

With mutual respect and celebrating human diversity, Hillcrest High School strives for excellence to impact our world through leadership, knowledge, compassion, and integrity. Since 1961 Hillcrest, home of the Hawks, has worked with four generations from the south Ottawa community for apprenticeship, college, university, and the world of work.

Goals

By focusing on academic excellence, community involvement, leadership initiatives, and a healthy and active lifestyle, our students are given every opportunity to excel in a rich and caring school community.

Special Programs

Hillcrest High School proudly offers an accomplished French Immersion Program, Cooperative Education, Athletic programs, and a wide variety of technological training. The new Manufacturing Tool and Die Program welcomes students from across the District. Visual, Dramatic Arts, and Music, including Band and Guitar, provide a wide range of opportunities in the Arts.

Highlights

- Within a culturally diverse, rich, and caring environment, Hillcrest students enjoy opportunities to further enrich their learning through travel within Canada and abroad, by taking part in curricular programs highlighting personal and leadership development, and by participating in numerous intramural and interscholastic programs.
- Community involvement is highlighted each year by a school-wide, fund-raising initiative benefiting cancer research. Last year Hillcrest Hawks raised over \$60,000 in under five hours.
- In a well-equipped and maintained facility student progress is monitored and supported by committed and caring staff, District specialists, and community partners.
- Hillcrest enjoys an active and involved Parent Advisory Council, a group dedicated to strengthening educational opportunities and partnerships with the community.

School Info

Phone

613-733-1755

Fax

613-733-6126

www.hillcresths.ocdsb.ca

Principal

Reg Lavergne

Vice-principals

Catherine Montebourg
Mark Morton

Superintendent of Instruction

Stephen Sliwa

Enrolment

925

Format

Semestered

	Grade 9	Grade 10	Grade 11	Grade 12
Arts				
Dramatic Arts	ADA10	ADA20	ADA3M	ADA4M
Instrumental Music — Band	AMI10	AMI20	AMI3M	AMI4M
Music	AMU10	AMU20	AMU3M	AMU4M
Music — Guitar		AMG20		
Music — Vocal	AMR10	AMR20	AMR3M	AMR4M
Visual Arts — Information/Consumer Design (Yearbook)			AWE3MU	AWE4MU
Visual Arts	AVI10	AVI20	AVI3M	AVI4M
Visual Arts — Sculpture		AWP20		
Business Studies				
Introduction to Business	BBI10	BBI20		
Information and Communication Technology in Business	BTT10	BTT20		
Entrepreneurship: The Venture			BDI3C	
Financial Accounting Fundamentals			BAF3M	
Financial Accounting Principles				BAT4M
International Business Essentials				BBB4M
Organizational Behaviour and Human Resources				BOH4M
Sports and Entertainment Management				IDC4U
Canadian and World Studies				
Geography of Canada — Academic	CGC1D(F)			
Geography of Canada — Applied	CGC1P			
Regional Geography: Travel and Tourism			CGG30	
Canadian and World Issues: A Geographic Analysis				CGW4U
Civics (0.5 credit)		CHV20(F)		
Canadian History Since World War I — Academic		CHC2D(F)		
Canadian History Since World War I — Applied		CHC2P		
World History to the Sixteenth Century			CHW3M(F)	
World History: The West and the World — University				CHY4U(F)
World History: The West and the World — College				CHY4C
Canadian and World Politics				CPW4U
Analysing Current Economic Issues				CIA4U
Understanding Canadian Law — University/College			CLU3M	
Canadian and International Law				CLN4U
Geomatics: Geotechnologies in Action				CGO4M
Classical Studies and International Languages (by levels of proficiency)				
Spanish		LWSBD	LWSCU	LWSDU
German		LWGBD	LWGCU	LWGDU

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	Grade 9	Grade 10	Grade 11	Grade 12
Computer Studies				
Introduction to Computer Science			ICS3U	
Computer Science				ICS4U
Cooperative Education				
Courses are available in English and French. For more information, see page 176 or contact Student Services or Cooperative Education teachers.				
English				
Compulsory Courses in English, Grades 9 to 12				
English — Academic	ENG1D	ENG2D		
English — Locally Developed	ENG1L			
English — Applied	ENG1P	ENG2P		
English — University			ENG3U	ENG4U
English — College			ENG3C	ENG4C
Optional Courses in English, Grades 11 to 12				
Media Studies			EMS30	
The Writer's Craft				EWC4U
French as a Second Language				
Core French — Academic, University	FSF1D	FSF2D	FSF3U	FSF4U
Core French — Applied	FSF1P	FSF2P		
French Immersion	FIF1D	FIF2D	FIF3U	FIF4U(H)
Guidance and Career Education				
Learning Strategies 1: Skills for Success in Secondary School	GLS10	GLE20		
Career Studies (0.5 credit)		GLC20(F)		
Designing Your Future			GWL30	
Health and Physical Education				
Healthy Active Living Education — Female	PPL10P	PPL20P	PPL30P	PPL40P
Healthy Active Living Education — Male	PPL10Q	PPL20Q	PPL30Q	PPL40Q
Healthy Active Living Education — Co-ed			PPL30(F)	
Personal and Fitness Activities		PAF20P	PAF30	
Outdoor Activities		PAD20	PAD30	
Exercise Science				PSE4U
Leadership			GPP30	
Mathematics				
Principles of Mathematics — Academic	MPM1D	MPM2D		
Foundations of Mathematics — Applied	MFM1P	MFM2P		
Mathematics — Locally Developed	MAT1L	MAT2L		
Functions — University			MCR3U	
Functions and Applications — University/College			MCF3M	

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	Grade 9	Grade 10	Grade 11	Grade 12
Foundations for College Mathematics			MBF3C	
Mathematics for Work and Everyday Life			MEL3E	MEL4E
Advanced Functions				MHF4U
Calculus and Vectors				MCV4U
Mathematics of Data Management				MDM4U
Foundations for College Mathematics				MAP4C
Science				
Science — Academic	SNC1D(F)	SNC2D(F)		
Science — Locally Developed	SNC1L			
Science — Applied	SNC1P	SNC2P		
Biology — University			SBI3U(F)	SBI4U
Biology — College			SBI3C	
Chemistry — University			SCH3U	SCH4U
Chemistry — College				SCH4C
Physics — University			SPH3U	SPH4U
Science — Environmental Science			SVN3M	
Social Sciences and Humanities				
Individuals and Families in a Diverse Society				HHS4M
Food and Nutrition		HFN20		
Introduction to Anthropology, Psychology, and Sociology			HSP3M	
Challenge and Change in Society				HSB4M
Parenting			HPC30	
Technological Education				
Integrated Technologies	TTI10			
Construction Technology		TCJ20		
Technological Design		TDJ20	TDJ3M	TDJ4M
Transportation Technology		TTJ20	TTJ3C1	TTJ4C1
Transportation Technology — 2nd Credit			TTJ3C2	
Communications Technology			TGJ3M	TGJ4M

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John McCrae Secondary School

103 Malvern Drive
Nepean, ON K2J 4T2

Description

General Information

Welcome to John McCrae (JMSS), an Advanced Placement, secondary school. JMSS is a comprehensive community school dedicated to meeting the needs of all learners according to their individuality. We provide students with an established safe environment in a modern facility. Large spacious classrooms, modern computer labs, updated technology shops, art studios, and open science laboratories provide students with an excellent environment in which to develop skills and interests. Additional facilities are provided by our community partnership with the Walter Baker Sports Complex. Students at JMSS utilize the resources of the public library and have access to the sports facilities housed in this area. Academic classes benefit a great deal from these extended resources while physical education classes and interscholastic teams are able to participate in activities not normally available in secondary schools (i.e., aquatics, hockey, squash, fitness facilities). JMSS is an all-encompassing caring school which nurtures the educational, emotional and social growth of all of its students. "We Care."

Goals

Our goal is to provide every student with a supportive, challenging academic and formative program in which to grow to their full potential. Students who graduate from JMSS will have both the academic and moral character to contribute constructively to the world in which they will live.

Special Programs

John McCrae is the High Performance Athlete centre for the OCDSB. This program provides support and accommodation in educational programming for developing athletes at the provincial and national level. We believe that talented student athletes with special dreams deserve special accommodations in their educational plan. JMSS offers a full range of courses including French Immersion, Advanced Placement opportunities, Cooperative Education, Outdoor Education, Business Studies, Spanish, Integrated Technology, and Communications Technology programs. There

is an extensive integration of technology into all curriculum areas with broadband communication and computer access for all classes. Our computer-related courses include: Integrated Multimedia, Web Page Design, Flash Animation, and Computers and Information Science. There is also a wide array of Arts offerings including Drama, Music, Visual Arts, Media Studies, Film Studies, and Creative Writing. Our Interdisciplinary Studies courses include Outdoor Education and Yearbook which integrate a multiplicity of curricular areas that are approved by the Ministry of Education.

Highlights

- High Performance Athletes Program providing support for provincial and national level athletes.
- OCRI Award winner for Innovation in Technology 2010 for the development of website 2.0 (see johnmccrae.ca).
- Advanced Placement Course offerings which enable students to attain university credits while still in secondary school.
- A LINK Crew Program in which senior students work closely with incoming grade 9 students to provide a smooth, supported transition in the first year of high school.
- A superior Visual Arts Program — students won 16 of the 32 awards in the Young at Art contest in 2009. A strong Drama and Music Program — including dynamic guitar courses.
- Participating school in the CAPPIES Program with the Ottawa Citizen.
- A strong Student Success Program for students who are in need of additional support to attain academic credits.
- A rigorous Mathematics Program providing students with the skills needed for engineering and other mathematically based careers.

School Info

Phone

613-823-0367

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613-823-3755

www.johnmccrae.ca

Principal

Tom Schultz

Vice-principals

Marilyn Engelbert

Marion Verhallen

Superintendent of

Instruction

Peter Gamwell

Enrolment

905

Format

Semestered

	Grade 9	Grade 10	Grade 11	Grade 12
Arts				
Drama	ADA10	ADA20	ADA3M	
Drama — Production				ADD4M
Music	AMU10	AMU20	AMU3M	AMU4M
Music — Repertoire	AMR10	AMR20	AMR3M	AMR4M
Music — Jazz Band	AMH10	AMH20	AMH3M	AMH4M
Guitar Music — Open	AMG10	AMG20		
Guitar Music — University/College			AMG3M	AMG4M
Visual Arts	AVI10	AVI20	AVI3M	
Visual Arts — Ceramics			AWC3M	AWC4M
Visual Arts — Information/Consumer Design			AWE3M	AWE4M
Visual Arts — Film/Video				AWR4M
Visual Arts — Drawing and Painting				AWM4M(R)
Visual Arts — Digital Photography			AWQ3M	
Yearbook — Information/Consumer Design			AWS3M	AWS4M
Business Studies				
Information and Communication Technology in Business	BTT10(F)			
Introduction to Business		BBI20		
Financial Accounting Fundamentals			BAF3M	
Marketing: Goods, Services, Events			BMI3C	
Financial Accounting Principles				BAT4M
International Business Fundamentals				BBB4M
Canadian and World Studies				
Geography of Canada — Academic	CGC1D(F)			
Geography of Canada — Applied	CGC1P			
Regional Geography: Travel and Tourism			CGG30	
Canadian and World Issues: A Geographic Analysis				CGW4U
The Environment and Resource Management — University/College				CGR4M
Civics (0.5 credit)		CHV20(F)		
Canadian History Since World War I — Academic		CHC2D(F)		
Canadian History Since World War I — Applied		CHC2P		
World History to the Sixteenth Century			CHW3M	
Canadian History: Identity and Culture				CHI4U
World History: The West and the World				CHY4U(R)
Understanding Canadian Law — University/College			CLU3M	
Canadian and International Law				CLN4U
Analysing Current Economic Issues				CIA4U(R)

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	Grade 9	Grade 10	Grade 11	Grade 12
Classical Studies and International Languages (by levels of proficiency)				
Spanish		LWSBD	LWSCU	LWSDU
Computer Studies				
Introduction to Computer Studies		ICS20		
Introduction to Computer Science/Computer Science			ICS3U	ICS4U
Cooperative Education				
For more information, see page 176 or contact Student Services or Cooperative Education teachers.				
English				
Compulsory Courses in English, Grades 9 to 12				
English — Academic	ENG1D	ENG2D		
English — Applied	ENG1P	ENG2P		
English — University			ENG3U	ENG4U(R)
English — College			ENG3C	ENG4C
English — Workplace			ENG3E	ENG4E
Optional Courses in English, Grades 11 to 12				
Media Studies			EMS30	
The Writer's Craft				EWC4U
Business and Technological Communication				EBT40
French as a Second Language				
Core French — Academic, University	FSF1D	FSF2D	FSF3U	FSF4U
Core French — Applied	FSF1P			
French Immersion — Academic, University	FIF1D	FIF2D	FIF3U	FIF4U
Guidance and Career Education				
Career Studies (0.5 credit)		GLC20(F)		
Leadership and Peer Support			GPP30(F)	
LINK Crew Leadership				IDC4U
Health and Physical Education				
Healthy Active Living Education — Female	PPL10P	PPL20P	PPL30P	PPL40P
Healthy Active Living Education — Male	PPL10Q	PPL20Q	PPL30Q	PPL40Q
Healthy Active Living Education		PPL20(F)		
Personal and Fitness Activities			PAF30	
Large Group Activities — Hockey			PAL30	
Exercise Science				PSE4U
Interdisciplinary Studies				
Outdoor Education (for grade 11 and grade 12 students)				IDC40

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	Grade 9	Grade 10	Grade 11	Grade 12
Mathematics				
Principles of Mathematics — Academic	MPM1D(E)	MPM2D(E)		
Foundations of Mathematics — Applied	MFM1P	MFM2P		
Mathematics for Work and Everyday Life			MEL3E	MEL4E
Functions and Applications — University/College			MCF3M	
Functions — University			MCR3U	
Foundation for College Mathematics			MBF3C	
Advanced Functions				MHF4U(R)
Calculus and Vectors				MCV4U(R)
Mathematics of Data Management				MDM4U
Foundations of College Mathematics				MAP4C
Mathematics for College Technology				MCT4C
Science				
Science — Academic	SNC1D(F)	SNC2D(F)		
Science — Applied	SNC1P	SNC2P		
Biology — University			SBI3U	SBI4U
Biology — College for Grade 11 and 12 students			SBI3C	
Chemistry — University			SCH3U	SCH4U(R)
Chemistry — College for Grade 11 and 12 students				SCH4C
Physics — University			SPH3U	SPH4U
Social Sciences and Humanities				
Introduction to Anthropology, Psychology, and Sociology			HSP3M	
Individuals and Families in a Diverse Society				HHS4M
Parenting and Human Development				HPD4E
Technological Education				
Exploring Technologies	TIJ10(F)			
Technological Design		TDJ20	TDJ3M	TDJ4M
Communications Technology (Multimedia)		TGJ20	TGJ3M	TGJ4M
Health Care			TPJ3C	

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Lisgar Collegiate Institute

29 Lisgar Street
Ottawa, ON K2P 0B9

Description

General Information

Lisgar Collegiate Institute has a 167-year-old tradition of excellence in Academics, the Arts, and Athletics. Each student's contribution to the learning environment is valued. Many of our graduates receive scholarships and awards from prestigious Canadian universities and from American universities and colleges.

Goals

We value every student as an individual and we encourage every person to contribute to the Lisgar community and benefit from the synergy of the learning experience.

Special Programs

The International Advanced Placement Program (AP) allows students to receive equivalent credits for first-year courses at many universities in Canada, the United States, and 20 other countries. Courses in the AP program include European History, French Language and Literature, English Language and Composition, English Literature and Composition, Latin, Spanish, Music Theory, Calculus, and Statistics.

The Gifted Program (grades 9 to 12) provides an enhanced learning experience for students identified as intellectually gifted. Our Special Education Program supports these students as well as those with other learning exceptionalities.

Students can also receive an Extended French Certificate combining three subjects in French along with four language/literature courses. Our Third Language Program includes courses in Spanish and Latin.

We also provide Cooperative and Outdoor Education. Our Dual Support Program prepares students for the world of work and integration into the community.

Highlights

- Our Fine Arts Department features one of the top secondary school symphony orchestras in Canada. We continue to achieve high standards at local, provincial, and national festivals. Lisgar CI not only has a Full Band Program but also a Co-curricular Choral Program and one of the only String programs in the OCDSB.
- We had extensive involvement and success in Math and Science contests last year consistently placing among the top three schools in the Ottawa-Carleton region in the Pascal, Cayley, Fermat, and Euclid contests. Each year Lisgar CI has students earning medals in the Canadian Open Math Challenge in the Ontario East Division and are invited to write the American Invitational Mathematics Examination.
- Our Math and Technology Department continues to incorporate the use of Smart Board and graphing technology in the classroom.
- A Space Simulation Program, 37 other co-curricular clubs, over 20 sports teams, and 15 intramural sports activities ensure students are actively involved.
- Reach for the Top at Lisgar: we were joint regional winners in 2009, provincial finalists for the last nine years, Canada's only finalists in the U.S. National Academic Quiz Tournament (last four years), and Canada's Reach for the Top National Champions in 2008. Canadian Geography Challenge. We are regular provincial finalists and ranked fourth in national finals in 2008. Other accolades include PBS Whiz Quiz, National and International winners 2010.
- Lisgar students participate annually in the CAPPPIES Program and excel in Improv.

School Info

Phone

613-239-2696

Fax

613-235-7497

www.lisgar.ca

Principal

David McMahon

Vice-principals

Anne McKillop-Ostrom

Bruce Summers

Superintendent of Instruction

Walter Piovesan

Enrolment

1100

Format

Semestered

	Grade 9	Grade 10	Grade 11	Grade 12
Arts				
Dramatic Arts	ADA10	ADA20	ADA3M	ADA4M
Music — Beginner	AMU109			
Music	AMU10	AMU20	AMU3M	AMU4M(R)
Repertoire — Band and Orchestra	AMR10	AMR20	AMR3M	AMR4M
Music — Strings — Beginner	AMS109			
Music — Strings	AMS10	AMS20	AMS3M	AMS4M(R)
Visual Arts	AVI10	AVI20	AVI3M	AVI4M
Visual Arts — Crafts General		AWA20		
Business Studies				
Information and Communication Technology in Business	BTT10			
Introduction to Business		BBI20		
Financial Accounting Fundamentals			BAF3M	
Marketing: Goods, Services, Events			BMI3C	
Entrepreneurship: The Venture			BDI3C	
Financial Accounting Fundamentals				BAT4M
International Business Fundamentals				BBB4M
Business Leadership: Management Fundamentals				BOH4M
Canadian and World Studies				
Geography of Canada — Academic	CGC1D(G,F)			
Geography of Canada — Applied	CGC1P			
Canadian and World Issues: A Geographic Analysis				CGW4U
Civics (0.5 credit)		CHV20(F)		
Canadian History Since World War I — Academic		CHC2D(F,G)		
Canadian History Since World War I — Applied		CHC2P		
Travel and Tourism: A Regional Perspective			CGG30	
World History to the Sixteenth Century			CHW3M	
World History: The West and the World — University				CHY4U(R)
Understanding Canadian Law — University/College			CLU3M(F)	
Canadian and International Law — University				CLN4U
Canadian and World Politics — University				CPW4U
Classical Studies and International Languages (by levels of proficiency)				
Spanish	LWSBD	LWSBD	LWSCU	LWSDU(R)
Latin	LVLAD	LVLAD	LVLBU	LVLBU(R)
Computer Studies				
Introduction to Computer Studies		ICS20		
Computer Science			ICS3U	ICS4U

If present, the sixth character in a course code provides additional information. For example: E — Enriched; G — Gifted; S — Sheltered; F — Language of Instruction is French; I — Gifted Immersion; R — Advanced Placement (AP); H — AP Taught in French. See page 7 for details.

	Grade 9	Grade 10	Grade 11	Grade 12
Cooperative Education				
For more information, see page 176 or contact Student Services or Cooperative Education teachers.				
English				
Compulsory Courses in English, Grades 9 to 12				
English — Academic	ENG1D(G)	ENG2D(G)		
English — Applied	ENG1P	ENG2P		
English — University			ENG3U(G)	ENG4U(G,R)
English — College			ENG3C	ENG4C
Optional Courses in English, Grades 11 to 12				
Studies in Literature — University				ETS4U
The Writer's Craft — University				EWC4U(R)
Media Studies — Open			EMS30	
French as a Second Language				
Extended French — Academic	FEF1D	FEF2D		
Extended French — University			FEF3U(H)	FEF4U
Core French — Academic, University	FSF1D	FSF2D	FSF3U	FSF4U
Core French — Applied	FSF1P			
Guidance and Career Education				
Career Studies (0.5 credit)		GLC20(F)		
LINK Crew — Leadership			IDC30	IDC4U
Health and Physical Education				
Healthy Active Living Education — Female	PPL10P	PPL20P	PPL30P	PPL40P
Healthy Active Living Education — Male	PPL10Q	PPL20Q	PPL30Q	PPL40Q
Outdoor Activities		PAD20		
Exercise Science				PSE4U
Mathematics				
Principles of Mathematics — Academic	MPM1D(G)	MPM2D(G)		
Foundations of Mathematics — Applied	MFM1P	MFM2P		
Functions — University			MCR3U(G)	
Functions and Applications — University/College			MCF3M	
Foundations for College Mathematics			MBF3C	MAP4C
Mathematics for Work and Everyday Life			MEL3E	
Advanced Functions				MHF4U
Calculus and Vectors — University				MCV4U(R)
Mathematics of Data Management — University				MDM4U(R)

If present, the sixth character in a course code provides additional information. For example: E — Enriched; G — Gifted; S — Sheltered; F — Language of Instruction is French; I — Gifted Immersion; R — Advanced Placement (AP); H — AP Taught in French. See page 7 for details.

	Grade 9	Grade 10	Grade 11	Grade 12
Science				
Science — Academic	SNC1D(G)	SNC2D(G)		
Science — Applied	SNC1P	SNC2P		
Biology — University			SBI3U(G)	SBI4U
Biology — College (Alternate years, offered in 2011–2012)			SBI3C	
Chemistry — University			SCH3U(G)	SCH4U(G)
Chemistry — College (Alternate years, offered in 2012–2013)				SCH4C
Physics — University			SPH3U(G)	SPH4U(G)
Social Sciences and Humanities				
Introduction to Anthropology, Psychology, and Sociology — University/College			HSP3M	
World Religions: Beliefs, and Daily Life — University/College			HRT3M	
Parenting			HPC30	
Issues in Human Growth and Development — University/College				HHG4M
Individuals and Families in a Diverse Society — University/College				HHS4M
Philosophy: Questions and Theories — University				HZT4U
Technological Education				
Communications Technology		TGJ20	TGJ3M	

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To select your courses for 2011–2012 please click on the following link — <https://webapps.ocdsb.ca/twebcr>.

If present, the sixth character in a course code provides additional information. For example: *E* — Enriched; *G* — Gifted; *S* — Sheltered; *F* — Language of Instruction is French; *I* — Gifted Immersion; *R* — Advanced Placement (AP); *H* — AP Taught in French. See page 7 for details.



Longfields–Davidson Heights Secondary School

149 Berrigan Drive
Ottawa, ON K2J 5C6

Description

General Information

Longfields–Davidson Heights Secondary School (LDHSS), Home of the Ravens, opened in September 2009 to grade 7 to 9 students in the Barrhaven area. This growing community school offers a comprehensive program that addresses the needs of a variety of learners. In 2011–2012 the school will offer courses for students in grades 7 to 11.

Goals

LDHSS is committed to providing a program for all students which will allow students to reach their full potential and prepare them to become responsible global citizens. LDHSS strives to create a safe, caring environment that honours, accepts, and celebrates diversity.

Special Programs

LDHSS offers a full range of programming to meet the needs of diverse learners. We offer Extended French Immersion programs in a variety of subject areas. LDHSS has opportunities for students in the areas of Fine Arts and Business. We also offer Food and Nutrition and Native Studies. In addition to our regular Physical and Health Education courses students can enrol in personal fitness. We have an extensive Technology Program which includes computer studies, design, and technology, communication technology, construction technology, and hospitality and tourism. Our various state-of-the-art labs and wireless capabilities provide students with the opportunity to acquire the knowledge and skills necessary to meet the challenges of the 21st century.

Highlights

- Quad Gymnasium
- Culinary Arts Lab
- 500-seat Auditorium
- Construction Technology Lab
- Communication Technology Lab
- Wireless Environment

School Info

Phone
613-843-7722

Fax
613-843-7741

www.ldhss.ocdsb.ca

Principal
Patsy Agard

Vice-principals
Alain Brule
Tim Hawes

Superintendent of Instruction
Peter Gamwell

Enrolment
1500

Format
Semestered

	Grade 9	Grade 10	Grade 11	Grade 12
Arts				
Dramatic Arts — Open	ADA10	ADA20	ADA3M	
Music — Open	AMU10	AMU20	AMU3M	
Music, Vocal — Open	AMV10	AMV20	AMV3M	
Music — Repertoire — (0.5 credit per course)	AMR10	AMR20		
Music — Repertoire — (1.0 credit per course)			AMR3M	
Visual Arts— Open, French	AVI10F	AVI20		
Visual Arts— Open	AVI10	AVI20	AVI3M	
Ceramics			AWC3M	
Business Studies				
Introduction to Business — Open		BBI20		
Information and Communication Technology in Business — Open	BTT10			
Financial Accounting Fundamentals			BAF3M	
Entrepreneurship: The Venture			BDI3C	
Information and Communication Technology: The Digital Environment			BTA30	
Introduction to Marketing			BMI3C	
Canadian and World Studies				
Geography of Canada — Academic, French	CGC1D(F)			
Geography of Canada — Applied	CGC1P			
Canadian History Since World War I — Academic, French		CHC2D(F)		
Canadian History Since World War I — Applied		CHC2P		
Civics (0.5) — Open, French		CHV20(F)		
American History			CHA3U(R)	
Understanding Canadian Law			CLU3M	
World History to the Sixteenth Century — French			CHW3M(F)	
Regional Geography — Travel and Tourism			CGG30	
Physical Geography			CGF3M	
Computer Studies				
Introduction to Computer Studies — Open		ICS20		
Introduction to Computer Science			ICS3U	
Cooperative Education				
For more information, see page 176 or contact Student Services or Cooperative Education teachers.				
English				
Compulsory Courses in English, Grades 9 and 10				
English — Academic	ENG1D	ENG2D		
English — Applied	ENG1P	ENG2P		

If present, the sixth character in a course code provides additional information. For example: E — Enriched; G — Gifted; S — Sheltered; F — Language of Instruction is French; I — Gifted Immersion; R — Advanced Placement (AP); H — AP Taught in French. See page 7 for details.

Course Selection

	Grade 9	Grade 10	Grade 11	Grade 12
English — Essentials	ENG1L			
English — University			ENG3U	
English — College			ENG3C	
Optional Courses in English				
English — Writers Craft				EWC4U
Media Studies			EMS30	
French as a Second Language				
Core French — Academic	FSF1D	FSF2D	FSF3U	
Core French — Applied	FSF1P	FSF2P		
Extended French — Late Immersion	FEF1D	FEF2D		
Immersion French — Middle or Early Immersion	FIF1D	FIF2D	FIF3U	
Guidance and Career Education				
Career Studies (0.5 credit) — Open, French		GLC20(F)		
Learning Strategies: Skills for Success — Open	GLE10	GLE20		
Health and Physical Education				
Healthy Active Living Education — Girls	PPL10P	PPL20P	PPL30P	
Healthy Active Living Education — Boys	PPL10Q	PPL20Q	PPL30Q	
Personal and Fitness Activities— Co-ed		PAF20	PAF30	
Outdoor Education (Co-ed)			PAD30	
Interdisciplinary Studies				
Leadership Studies — LINK Crew			IDP30/3U	
Mathematics				
Principles of Mathematics — Applied	MFM1P	MFM2P		
Principles of Mathematics — Academic	MPM1D	MPM2D		
Mathematics — Essentials	MAT1L	MAT2L		
Mathematics for Work and Everyday Life			MEL3E	
Functions and Applications — University/College			MCF3M	
Functions — University			MCR3U	
Foundations for College Mathematics			MBF3C	
Native Studies				
Expressing Aboriginal Cultures	NAC10			
Aboriginal Peoples in Canada		NAC20		
English: Contemporary Aboriginal Voices — College			NBE3C	
English: Contemporary Aboriginal Voices — Workplace			NBE3E	
Science				
Science — Academic, French	SNC1D(F)	SNC2D(F)		
Science — Applied	SNC1P	SNC2P		

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	Grade 9	Grade 10	Grade 11	Grade 12
Biology — University, French			SBI3U(F)	
Biology — College for grade 11 and 12 students			SBI3C	
Chemistry — University			SCH3U	
Chemistry — College for grade 11 and 12 students				SCH4C
Physics — University			SPH3U	
Environmental Science — Workplace			SVN3E	
Social Sciences and Humanities				
Food and Nutrition — Open	HFN10			
Introduction to Anthropology, Psychology and Sociology, French			HSP3M(F)	
World Religion			HRT3M	
Managing Personal and Family Resources			HIR3C	
Parenting			HPC30	
Technological Education				
Exploring Technologies — Open	TIJ10			
Communications Technology — Open		TGJ20	TGJ3M	
Communications Technology: Photography and Digital Imaging			TGP3M	
Construction Technology — Open		TCJ20		
Hospitality and Tourism — Open		TFJ20	TFJ3C	
Technological Design — Open		TDJ20	TDJ3M	
Computer Technology — Open		TEJ20	TEJ3M	
Custom Wordworking			TWJ3E	
Print and Graphic Communications — Yearbook			TGG3M	

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If present, the sixth character in a course code provides additional information. For example: E — Enriched; G — Gifted; S — Sheltered; F — Language of Instruction is French; I — Gifted Immersion; R — Advanced Placement (AP); H — AP Taught in French. See page 7 for details.



Merivale High School

1755 Merivale Road
Nepean, ON K2G 1E2

Description

General Information

Merivale High School is a progressive learning community that balances tradition with the ability to embrace change. We have an inclusive, dynamic school culture that promotes excellence in academics, athletics, and the Arts.

Goals

Our dedicated and energetic staff is committed to providing a stimulating and caring environment where all students are challenged to reach their potential. We endeavour to develop creative and critical thinkers, responsible citizens, and lifelong learners.

Special Programs

Our Composite Program prepares students for university, college, apprenticeship opportunities, and the world of work. Merivale offers a Gifted Program and French Immersion Program in addition to a full range of academic courses including Advanced Placement courses. Our strong Arts and Technology programs coupled with an extensive Cooperative Education Program provide opportunities for our students to acquire the knowledge and skills to meet the challenges of the 21st century. We encourage and model leadership and healthy lifestyles through our Personal Fitness, Leadership Studies, and Outdoor Education programs. We continue to partner with our community to support and enrich the personal, social, and academic growth of our students. Our partners include: Ottawa Centre for Research and Innovation (OCRI) volunteers, Mint/Interac, Rideauwood, Live It Up (Healthy and Active Living) Program, Centralaires Concert Band, Algonquin College, Carleton University, and YM-YWCA.

Highlights

- Communication and Design Focus Program hosting students from across Ottawa-Carleton.
- Vibrant extra-curricular program that includes 26 clubs, 28 interscholastic sports, a strong student-led Intramural Program and an annual school musical.
- State-of-the-art shop facilities in Technological Studies (Transportation, Construction, Design, and Communication).
- Accomplishments in our Composite Arts Program include: 14 CAPPIES nominations with three wins in the 2009–2010 school year.
- Regional and provincial gold and silver medal winners in music competitions. We boast the only Steel Drums Band in the region.
- Reach for the Top team placed second in Ontario and fifth in Canada.
- First place in the OCRI Business Plan Competition in Ottawa.

School Info

Phone

613-224-1807

Fax

613-224-1416

www.merivalehighschool.org

Principal

Patrick McCarthy

Vice-principals

Sandra Blakely
Michelle Richling

Superintendent of

Instruction
Frank Wiley

Enrolment

917

Format

Semestered

	Grade 9	Grade 10	Grade 11	Grade 12
Arts				
Dramatic Arts	ADA10	ADA20	ADA3M	ADA4M
Music — Beginner	AMU10(1)			
Music — Advanced	AMU10	AMU20	AMU3M	AMU4M
Music — Vocal		AMV20	AMV30	
Music — Guitar		AMG20		
Music — Repertoire (0.5 credit for grades 9 and 10)	AMR10	AMR20		
Music — Repertoire (1.0 credit for grades 11 and 12)			AMR3M	AMR4M
Music — Stage Band (0.5 credit)			AMH301	AMH302
Music — Steel Drum (0.5 credit)	AMQ10	AMQ20	AMQ301	AMQ302
Visual Arts	AVI10	AVI20	AVI3M	AVI4M
Visual Arts — Graphic Design			AWE30	AWE4M
Visual Arts — Ceramics			AWC30	AWC4M
Visual Arts — Photography			AWQ30	AWQ4M
Visual Arts — Visual Design — Yearbook			AWD3M	AWD4M
Communication and Design Focus Program				
For more information, see your home school Guidance Counsellor. This is an OCDSB District-wide program accessible to students at all secondary schools. Students will earn four credits during one full semester of study at Merivale.				
Visual Arts — Graphic Design			AWE30	AWE4M
Photography			AWQ30	
Visual Arts — Digital Media				AWS4M
Business Studies				
Information and Communication Technology in Business	BTT10			
Introduction to Business		BBI20		
Entrepreneurship			BDI3C	
Financial Accounting Fundamentals			BAF3M	BAT4M
Entrepreneurship: Venture Planning				BDV4C
International Business Fundamentals				BBB4M
Canadian and World Studies				
Geography of Canada — Academic	CGC1D(G,F,I)			
Geography of Canada — Applied	CGC1P			
Regional Geography: Travel and Tourism			CGG30	
Canadian and World Issues: A Geographic Analysis				CGW4U
Civics (0.5 credit)		CHV20(F)		
Canadian History in the Twentieth Century — Academic		CHC2D(F,G,I,E)		
Canadian History in the Twentieth Century — Applied		CHC2P		
World History: The West and the World — University				CHY4U(R)
World History: The West and the World — College				CHY4C

If present, the sixth character in a course code provides additional information. For example: E — Enriched; G — Gifted; S — Sheltered; F — Language of Instruction is French; I — Gifted Immersion; R — Advanced Placement (AP); H — AP Taught in French. See page 7 for details.

	Grade 9	Grade 10	Grade 11	Grade 12
World History to the Sixteenth Century (CHW3MF will be offered in alternate years — NEW)			CHW3M(F)	
Understanding Canadian Law — University/College			CLU3M	
Canadian and International Law				CLN4U
Analysing Current Economic Issues				CIA4U
Canadian and World Politics				CPW4U
Computer Studies				
Introduction to Computer Studies		ICS20		
Computer Science			ICS3U	ICS4U
Cooperative Education				
For more information, see page 176 or contact Student Services or Cooperative Education teachers.				
English				
English — Academic	ENG1D(G,E)	ENG2D(G,E)		
English — Applied	ENG1P	ENG2P		
English — University			ENG3U(G)	ENG4U(G)(R)
English — College			ENG3C	ENG4C
Optional Courses in English, Grades 11 to 12				
Media Studies			EMS30	
The Writer's Craft				EWC4U
Studies in Literature — University				ETS4U
French as a Second Language				
Core French — Academic, University	FSF1D	FSF2D	FSF3U	FSF4U(R)
Core French — Applied	FSF1P	FSF2P		
Extended French		FEF2D	FEF3U	FEF4U(R)
French Immersion	FIF1D	FIF2D	FIF3U	FIF4U(R)
Guidance and Career Education				
Career Studies (0.5 credit)		GLC20(F)		
Leadership and Peer Support			GPP30(F)	
Health and Physical Education				
Healthy Active Living Education — Female	PPL10P	PPL20P	PPL30P	PPL40P
Healthy Active Living Education — Male	PPL10Q	PPL20Q	PPL30Q	PPL40Q
Outdoor Activities			PAD30	
Personal and Fitness Activities		PAF20	PAF30	PAF40
Exercise Science				PSE4U
Interdisciplinary Studies				
Interdisciplinary Studies — Leadership				IDC4U
Interdisciplinary Studies — LINK Crew			IDC30	IDC40

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	Grade 9	Grade 10	Grade 11	Grade 12
Mathematics				
Principles of Mathematics — Academic	MPM1D(G,E)	MPM2D(G,E)		
Foundations of Mathematics — Applied	MFM1P	MFM2P		
Functions — University			MCR3U(G,E)	
Functions and Applications — University/College			MCF3M	
Foundations for College Mathematics			MBF3C	
Mathematics for Work and Everyday Life — Workplace			MEL3E	MEL4E
Advanced Functions				MHF4U(R)
Calculus and Vectors				MCV4U(R)
Mathematics of Data Management				MDM4U
Foundations for College Mathematics				MAP4C
Science				
Science — Academic	SNC1D(I,G,E)	SNC2D(I,F,G,E)		
Science — Applied	SNC1P	SNC2P		
Biology — University			SBI3U(R)	SBI4U(R)
Environmental Science			SVN3M	
Biology — College			SBI3C	
Chemistry — University			SCH3U(G)	SCH4U(G)
Chemistry — College				SCH4C
Physics — University			SPH3U(G)	SPH4U(G)
Physics — College				SPH4C
Social Sciences and Humanities				
Food and Nutrition	HFN10			
Individual and Family Living		HIF20		
Parenting			HPC30	
Introduction to Anthropology, Psychology, and Sociology (HSP3MF will be offered in alternate years — NEW)			HSP3M(F)	
World Religions: Beliefs, Issues, and Religious Traditions			HRT3M	
Philosophy: Questions and Theories				HZT4UF
Challenge and Change in Society				HSB4M
Food and Nutrition Sciences				HFA4M
Individuals and Families in a Diverse Society				HHS4M
Technological Education				
Exploring Technologies	TJ10			
Communications Technology		TGJ20	TGJ3M	TGJ4M
Construction Technology		TCJ20	TCJ3C	TCJ4C
Transportation Technology		TTJ20	TTJ30	TTJ4C
Technological Design (NEW)			TDJ3M	

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Nepean High School

574 Broadview Avenue
Ottawa, ON K2A 3V8

Description

General Information

Nepean High School, celebrating 88 years, is a community school with a long tradition of encouraging its students to strive for excellence academically, artistically, and athletically.

Goals

To educate and support each student to realize their full potential. We expect our graduates to be well-rounded, responsible, contributing global citizens. They will have critical thinking skills, productive work habits, and a motivation to succeed.

Special Programs

Programming in the school is diverse and provides excellent opportunities for students in both the regular and optional curriculum areas. We offer Enriched courses in grades 9 and 10 in English, Math, Science, French, and History. We offer Advanced Placement (AP) preparatory courses and exams in grades 11 and 12 in French, English, Advanced Functions, Calculus, Biology, Chemistry, Physics, and History. AP credits may grant first year standing at many Canadian universities. Some exciting elective courses include Environmental Education (SHSM), Construction (SHSM), Outdoor Education, Spanish, Latin, and our own locally-developed Leadership Course (CORE).

Highlights

- 93 per cent of our graduates pursue post-secondary education.
- Designated by the Ministry of Education as a Specialist High Skills Major site for Construction in 2008–2009 and for the Environment in 2009–2010.
- Nepean Environmental Certificate is awarded to graduating students who complete 10 courses with an Environmental focus.
- We have award-winning artists, bands, choir, and drama productions including the CAPPIES, which highlights students as writer-reviewers and performers.
- Nepean High School has a wide variety of extra-curricular activities which include an active Interscholastic and Intramural Sports Program, an extensive collection of student-centred clubs and organizations including a very active Students' Council.
- FUSE Leadership Program, CORE, and peer helping/mentorship.
- Nepean offers one of the most comprehensive athletic programs in the OCDSB with 34 sports teams offered through the school year.
- Nepean offers value-added opportunities for our students including: CAT4, Learning Inventories, PSAT (pre AP), and JVIS to support student learning.
- Nepean students give back to the greater community through numerous charitable organizations and events embedded in our school's culture.

School Info

Phone

613-722-6551

Fax

613-722-5983

www.nepeanhighschool.com

Principal

Rene Bibaud

Vice-principals

Jean Fulton-Hale
Peter Wilson

Superintendent of Instruction

Frank Wiley

Enrolment

1190

Format

Semestered

	Grade 9	Grade 10	Grade 11	Grade 12
Arts				
Dramatic Arts	ADA10	ADA20	ADA3M	ADA4M
Dramatic Arts — Production		ADD20	ADD3M	ADD4M
Music — Instrumental	AMU10	AMU20	AMU3M	AMU4M
Music — Vocal/Choral	AMV10	AMV20	AMV3M	AMV4M
Music — Concert Band Repertoire (.5 credit)	AMR10	AMR20		
Music — Concert Band Repertoire (1 credit)			AMR3M	AMR4M
Music — Stage Band Repertoire			AMH3M	AMH4M
Visual Arts	AVI10	AVI20	AVI3M	AVI4M
Visual Arts — Drawing and Painting — Portfolio			AWM3M	AWM4M
Visual Arts — Film/Video			AWR30	
Visual Arts — Ceramics			AWC3M	
Business Studies				
Information and Communication Technology in Business	BTT10			
Introduction to Business		BBI20		
Marketing: Goods, Services, Events			BMI3C	
Financial Accounting Fundamentals			BAF3M	
Financial Accounting Principles				BAT4M
International Business Fundamentals				BBB4M
Organizational Behaviour and Human Resources				BOH4M
Canadian and World Studies				
Geography of Canada — Academic, Enriched, Immersion	CGC1D(E,F)			
Geography of Canada — Applied	CGC1P(F)			
Physical Geography: Interactions and the Environment			CGF3M	
Regional Geography: Travel and Tourism			CGG30	
Canadian and World Issues: A Geographical Analysis				CGW4U
The Environment and Resource Management				CGR4M
Interdisciplinary Studies (Habitat Ecology)				IDC4U
Civics (0.5 credit)		CHV20(F)		
Canadian History in the Twentieth Century — Academic		CHC2D(E,F)		
Canadian History in the Twentieth Century — Applied		CHC2P		
American History — University			CHA3U	
World History to the Sixteenth Century			CHW3M(F,R)	
World History: The West and the World — University				CHY4U(F,R)
Canada: History, Identity, and Culture — University				CHI4U
Canadian and International Law — University				CLN4U
Canadian and World Politics — University				CPW4U

If present, the sixth character in a course code provides additional information. For example: E — Enriched; G — Gifted; S — Sheltered; F — Language of Instruction is French; I — Gifted Immersion; R — Advanced Placement (AP); H — AP Taught in French. See page 7 for details.

	Grade 9	Grade 10	Grade 11	Grade 12
Analysing Current Economic Issues — University				CIA4U
World History: 1900s to present			CHT30	
Aventures in World History				CHM4E
Classical Studies and International Languages (by levels of proficiency)				
Latin — Level I and Level II		LVLAD	LVLBU	
Spanish (Academic, University)		LWSBD	LWSCU	LWSDU
Computer Studies				
Introduction to Computer Studies		ICS20		
Computer Science			ICS3U	ICS4U
Cooperative Education				
For more information, see page 176 or contact Student Services or Cooperative Education teachers.				
English				
Compulsory Courses in English, Grades 9 to 12				
English — Academic	ENG1D(E)	ENG2D(E)		
English — Applied	ENG1P	ENG2P		
English — University			ENG3U(R)	ENG4U(R)
English — College			ENG3C	ENG4C
English — Workplace			ENG3E	ENG4E
Optional Courses in English				
SPARK — English, Applied — Co-curricular	ENG1P	ENG2P		
Media Studies			EMS30	
The Writer's Craft — University				EWC4U
OSS Literacy Course (OSSLC)				OLC40
French as a Second Language				
Core French — Academic, University	FSF1D(E)	FSF2D(E)	FSF3U	FSF4U
Core French — Applied	FSF1P	FSF2P	FSF30	FSF40
French Immersion	FIF1D	FIF2D	FIF3U	FIF4U(R)
Guidance and Career Education				
Career Studies (0.5 credit)		GLC20(F)		
Navigating the Workplace				GLN40
Nepean Leadership Development (Interdisciplinary Studies)		GPP30	IDP30	IDP4U1
Health and Physical Education				
Healthy Active Living Education — Female	PPL10P	PPL20P	PPL30P	PPL40P
Healthy Active Living Education — Male	PPL10Q	PPL20Q	PPL30Q	PPL40Q
Outdoor Pursuits		PAD20	PAD30	PAD40
Personal and Fitness Activities — Co-educational			PAF30	PAF40
Personal and Fitness Activities — Female			PAF30P	PAF40P

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	Grade 9	Grade 10	Grade 11	Grade 12
Exercise Science — University				PSE4U
Interdisciplinary Studies (Recreation and Fitness Leadership)				IDP4U
SPARK — Personal and Fitness Activities — Co-curricular	PAF10	PAF20		
Mathematics				
Mathematics — Essentials	MAT1L	MAT2L		
Principles of Mathematics — Academic	MPM1D(E)	MPM2D(E)		
Foundations of Mathematics — Applied	MFM1P	MFM2P		
Functions — University			MCR3U(R)	
Functions and Applications — University/College			MCF3M	
Foundations for College Mathematics			MBF3C	
Mathematics for Work and Everyday Life			MEL3E	MEL4E
Advanced Functions — University				MHF4U(R)
Calculus and Vectors				MCV4U(R)
Mathematics of Data Management — University				MDM4U(R)
Foundations for College Mathematics				MAP4C
Mathematics for College Technology				MCT4C
Science				
Science — Academic	SNC1D(E,F)	SNC2D(E,F)		
Science — Applied	SNC1P	SNC2P		
Science — Environmental Science			SVN3M	
Biology — University			SBI3U(F,R)	SBI4U(R)
Biology — College			SBI3C	
Chemistry — University			SCH3U(R)	SCH4U(R)
Chemistry — College				SCH4C
Physics — University			SPH3U(R)	SPH4U(R)
Social Sciences and Humanities				
Introduction to Anthropology, Psychology, and Sociology			HSP3M(F)	
Challenge and Change in Society				HSB4M
Living and Working with Children			HPW3C	
World Religions			HRT3M	
Philosophy: Questions and Theories — University				HZT4U
Technological Education				
Communications Technology — Open		TGJ20	TGJ3M	TGJ4M

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Osgoode Township High School

2800 8th Line Road
Metcalfe, ON K0A 2P0

Description

General Information

Osgoode Township High School (OTHS) is located in the village of Metcalfe and has provided exemplary education to students in the neighboring communities for over 50 years. It is a true community school with a commitment to academic excellence, offering a rich and varied program delivered by a highly qualified and dedicated staff.

Goals

To instill within our students a sense of personal integrity and community responsibility. To encourage students to continuously develop individual excellence in academics, skilled trades, leadership, athletics, and the Arts. "Village Raised, World Ready!"

Special Programs

Our French Immersion Program leads to the French Immersion Certificate. An Advanced Placement Program is currently offered in grade 12 French Immersion.

The outstanding Instrumental Music Program features Jazz and Concert bands. A progressive Canadian and World Studies Program offers interactive studies through the use of information technology analyzing virtual digs, designing, and conducting original research projects. Our Math and Science curriculum delivery is enhanced through technology.

The Guidance Department offers a range of support from career and educational planning to assistance with post secondary destinations.

Our Special Education Program provides extensive support to students in order to ensure academic success. A growing Cooperative Education Program facilitates opportunities to pursue apprenticeships.

A comprehensive Trades and Technology Department offers Communications Technology, Transportation, and Construction courses. Our athletics and co-curricular programs present each student with many excellent opportunities to become involved in a wide variety of individual and team sports and clubs. Specialist High Skills Majors are offered in Construction Projects and Community, Justice and Emergency Services.

Highlights

- We offer a comprehensive academic program leading to a full range of opportunities for entrance into university, college, apprenticeships, and into the workplace. OTHS students achieve very high rates of acceptance into college and university programs.
- Community support initiatives include food drives and blood donor clinics. Over the past five years, OTHS has contributed over 115,000 non-perishable food items to the Osgoode Ward food cupboard in Enniskerry and the Prescott-Russell Township food bank in Embrun. Well over \$100,000 was recently raised for cancer research, CHEO, and the United Way.
- Our students create a positive school environment through participation in our outstanding student leadership and peer support programs. The LINK crew course allows senior students to develop their leadership skills by assisting grade nine students with their transition to high school.

School Info

Phone

613-821-2241

Fax

613-821-0684

www.othspanthers.ca

Principal

Nancy Girozan

Vice-principals

Paul Martin
Kerry Wiltse

Superintendent of Instruction

Peter Gamwell

Enrolment

675

Format

Semestered

	Grade 9	Grade 10	Grade 11	Grade 12
Arts				
Dramatic Arts	ADA10	ADA20	ADA30/3M	ADA4M
Instrumental Music	AMU10	AMU20	AMU3M	AMU4M
Music — Repertoire (Concert Band)	AMR10	AMR20	AMR3M	AMR4M
Music — Jazz Ensemble		AMH20	AMH3M	AMH4M
Visual Arts	AVI10	AVI20	AVI3M	AVI4M
Business Studies				
Information and Communication Technology in Business	BTT10(F)			
Introduction to Business		BBI20		
Financial Accounting Fundamentals			BAF3M	
Business Leadership: Management Fundamentals				BOH4M
Information and Communication Technology: Multimedia Solutions (Yearbook)				BTX4C
Marketing: Goods, Services, Events			BMI3C	
Canadian and World Studies				
Geography of Canada — Academic	CGC1D(F)			
Geography of Canada — Applied	CGC1P			
Travel and Tourism: A Regional Geographic Perspective			CGG30	
Civics (0.5 credit)		CHV20(F)		
Canadian History Since World War I — Academic		CHC2D(F)		
Canadian History Since World War I — Applied		CHC2P		
World History to the Sixteenth Century			CHW3M	
Economics				CIA4U
Canadian and World Politics				CPW4U
Understanding Canadian Law			CLU3M/3E	
Canadian and International Law				CLN4U
Canadian and World Issues: A Geographic Analysis				CGW4U
World History — The West and the World — University				CHY4U
World History — The West and the World — College				CHY4C
Computer Studies				
Computer and Information Science			ICS3U	ICS4U
Cooperative Education				
For more information, contact Student Services or Cooperative Education teachers.				
English				
English — Academic	ENG1D	ENG2D		
English — Applied	ENG1P	ENG2P		
English (University)			ENG3U	ENG4U
English (College)			ENG3C	ENG4C

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Course Selection

	Grade 9	Grade 10	Grade 11	Grade 12
English (Workplace)			ENG3E	ENG4E
Media Studies			EMS30	
The Writer's Craft — University (offered in alternate years)				EWC4U
French as a Second Language				
Core French — Academic, University	FSF1D	FSF2D	FSF3U	FSF4U
Core French — Applied	FSF1P			
French Immersion	FIF1D	FIF2D	FIF3U	FIF4U(R)
Guidance and Career Education				
Learning Strategies	GLE10	GLE20		
Career Studies (0.5 credit)		GLC20(F)		
Leadership and Peer Support			GPP30(F)	
LINK Crew Leadership (1 credit year long)			IDC30	IDC4U
Health and Physical Education				
Healthy Active Living Education — Female	PPL10P	PPL20P	PPL30P	PPL40P
Healthy Active Living Education — Male	PPL10Q	PPL20Q	PPL30Q	PPL40Q
Exercise Science				PSE4U
Outdoor Activities			PAD30	PAD40
Personal and Fitness Activities			PAF30(F)	PAF40
Mathematics				
Mathematics — Essentials	MAT1L	MAT2L		
Principles of Mathematics — Academic	MPM1D	MPM2D		
Foundations of Mathematics — Applied	MFM1P	MFM2P		
Functions — University			MCR3U	
Functions and Applications — University/College			MCF3M	
Foundations for College Mathematics			MBF3C	
Mathematics for Work and Everyday Life			MEL3E	MEL4E
Advanced Functions				MHF4U
Calculus and Vectors				MCV4U
Mathematics of Data Management				MDM4U
Foundations for College Mathematics				MAP4C
Mathematics for College Technology				MCT4C
Science				
Science — Academic	SNC1D(F)	SNC2D(F)		
Science — Applied	SNC1P	SNC2P		
Science — Workplace				SNC4E
Biology — University			SBI3U	SBI4U
Biology — College			SBI3C	

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	Grade 9	Grade 10	Grade 11	Grade 12
Chemistry — University			SCH3U	SCH4U
Chemistry — College				SCH4C
Physics — University			SPH3U	SPH4U
Social Sciences and Humanities				
Food and Nutrition		HFN20		
Nutrition and Food Preparation			IDP30	IDP40
Parenting			HPC30	
Introduction to Anthropology, Psychology, and Sociology			HSP3M(F)	
Individuals and Families in a Diverse Society				HHS4M
Technological Education				
Integrated Technologies Exploring Technologies	TIJ10			
Communications Technology		TGJ20	TGJ3M	TGJ4M
Computer Engineering Technology		TEJ20		
Construction Technology		TCJ20		
Technological Design			TDJ3M/TDJ30	TDJ4M/TDJ40
Transportation Technology		TTJ20	TTJ3C	TTJ4C
Specialist High Skills Major Programs				
Justice, Community and Community Services				

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Ottawa Technical Secondary School

485 Donald Street
Ottawa, ON K1K 1L8

Description

General Information

Ottawa Technical Secondary School (OTSS) is a secondary school preparing students for the world of work, for apprenticeships, and for the trades. The school provides a focused-learning environment and a dedicated and supportive staff. All programs are LINKed to the Conference Board of Canada's Employability Skills and upon completion of studies all students leave with a skills portfolio. Students may follow one of three pathways: OSSD (30 credits), OSSC (14 credits), or Certificate of Accomplishment.

Goals

To educate students for the world of work, providing life and vocational skills in an adaptive environment which encourages responsible citizenship.

Special Programs

OTSS offers a wide variety of technological education shops and co-op options as well as academic and life-skills programs designed to meet student needs. The program at OTSS is divided between adaptive academic and technological education. The Adaptive Program serves as the foundation for learning and academic skill building within the core subjects of English, Math, Science, and Social Science while placing a strong emphasis on basic numeracy and literacy skills. The Technological Studies Program is designed to expose students to a wide variety of technological possibilities and to prepare students for the diverse needs of the workplace. Focus is on each student's individual needs for academics and life skills with resource and program support. Additionally, the school has GLP, PSP, Autism, and BIP District Special Education classes, as well as the Storefront School to help students transition to independent living.

Highlights

- OTSS has several shops representing a variety of trades, including small engines, automotive, auto body, woodworking, flooring, construction, welding, masonry, painting and decorating, textiles, horticulture.
- Programs focused on Food Services, Baking, Cosmetology, Automotive and Transportation Services.
- Many partners support our school's efforts to train students in the skills they need to be successful.
- There is a focus on each student's individual needs for academics and life skills with resource and program support.
- There are comprehensive programs in Physical Education and the Arts.
- There are a variety of clubs and sports teams that compete in VOCOM and NCSSAA leagues.
- All grade 10 to 12 students engage in opportunities for work experience and cooperative education.

School Info

Phone

613-745-0347

Fax

613-745-8234

www.otss.ocdsb.ca

Principal

Barry Armstrong

Vice-principals

Carole Armstrong
Tom Macartney

Superintendent of

Instruction
Pino Buffone

Enrolment

450

Format

Non-semestered

Rideau High School

815 St. Laurent Blvd
Ottawa, ON K1K 3A7



School Info

Phone

613-746-8196

Fax

613-746-7834

www.rideauhs.ocdsb.ca

Principal

Geordie Walker

Vice-principals

Susan F. Smith

Sherwyn Solomon

Superintendent of Instruction

Walter Piovesan

Enrolment

572

Format

Semestered

Description

General Information

Rideau High School, home of the Rams, is proud to be a community school that offers a wide range of programs to students who are bound for university, college, apprenticeship, or the workplace.

Goals

Rideau High School offers a safe and caring learning environment where students are challenged to achieve academic pursuits, personal excellence, become responsible citizens, and contributing members of a global society with good character.

Special Programs

We offer a full spectrum of academic, applied, and essentials courses, supplemented with a thriving Cooperative Education Program, and International Languages including Spanish and Arabic. Rideau is fast becoming the hub for our Aboriginal Program and supports with credit generated-courses. As well, we have established a Lodge for students. Our English as a Second Language courses assist students from all over the world in mastering the English Language. Rideau High School is the east-end site for English Language Development (ELD) and a Learning Disabilities Program. We have state-of-the-art facilities for programs in Music, Drama, Computers, Foods, and Art. Rideau boasts a Drama studio with exceptional sound and light capabilities, an extraordinary Visual Arts facility, and a tiered Music studio. Our expanding Trades and Technology Department, supported by excellent facilities, features courses in Electricity, Integrated Technology, Transportation, Woodworking, Construction, Hospitality, Communications Technology, Manufacturing, Plumbing, and Computer Science.

Highlights

- Our strong Student Success Team is made up of Student Success teachers, a youth counsellor, a Multi-Cultural Liaison Officer, a social worker, and a School Psychologist who work cooperatively to support students academically and emotionally.
- Our school is a global village with over 50 different languages spoken.
- Active student and athletic councils support more than 30 co-curricular clubs and sports programs.
- Recent city championships in volleyball and soccer.
- Urban Priorities Grant allows us to host two school nurse practitioners and a dental hygienist.
- Proud Community Partners with:
 - Ottawa Police Services
 - Ottawa Public Health
 - Live it Up Program
 - Ottawa Boys' and Girls' Club
 - Overbrook-Forbes Community Resource Centre
 - Somali Teachers Association
 - South-East Ottawa Community Health Centre
 - Wabano Centre for Aboriginal Health

	Grade 9	Grade 10	Grade 11	Grade 12
Arts				
Dramatic Arts	ADA10	ADA20	ADA3M	ADA4M
Media Arts		ASM20	ASM3M/30	
Music	AMU10	AMU20	AMU30	
Music — Guitar (AMG20 offered in alternate years)			AMG30	
Music — Repertoire	AMR10	AMR20	AMR3M	AMR4M
Visual Arts	AVI10		AVI3M	AVI4M
Visual Arts — Crafts General		AWA20		
Visual Arts — Visual Design			AWD3M/30	
Business Studies				
Information and Communication Technology in Business	BTT10	BTT20		
Information and Communication Technology: The Digital Environment			BTA30	
Financial Accounting Fundamentals			BAF3M	
Information Technology in Business				BTX4C
Business Leadership: Becoming a Manager				BOG4E
Canadian and World Studies				
Geography of Canada — Academic	CGC1D			
Geography of Canada — Applied	CGC1P			
Geography of Canada — Essentials	CGC1L			
Geography of Canada — Sheltered	CGC1P(S)			
Regional Geography: Travel and Tourism			CGG30	
Canadian and World Issues: A Geographic Analysis				CGW4U
Civics (0.5 credit)		CHV20		
Civics — Sheltered (0.5 credit)		CHV20(S)		
Canadian History in the Twentieth Century — Academic		CHC2D		
Canadian History in the Twentieth Century — Applied		CHC2P		
Canadian History in the Twentieth Century — Essentials		CHC2L		
Canadian History in the Twentieth Century — Sheltered		CHC2P(S)		
World History to the Sixteenth Century			CHW3M	
World History: The West and the World — University				CHY4U
Understanding Canadian Law — Workplace			CLU3E	
Canadian and International Law — University				CLN4U
Canadian and World Politics				CPW4U
Classical Studies and International Languages (by levels of proficiency)				
Spanish	LWSA0	LWSB0		
Arabic	LYBA0	LYBB0		

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	Grade 9	Grade 10	Grade 11	Grade 12
Computer Studies				
Introduction to Computer Science		ICS20		
Computer Programming			ICS3C	ICS4C
Cooperative Education				
For more information, see page 176 or contact Student Services or Cooperative Education teachers.				
English				
Compulsory Courses in English, Grades 9 to 12				
English — Academic	ENG1D	ENG2D		
English — Applied	ENG1P	ENG2P		
English — Essentials	ENG1L	ENG2L		
English — Essentials (Sheltered)	ENG1LS			
English — University			ENG3U	ENG4U
English — College			ENG3C	ENG4C
English — Workplace			ENG3E	ENG4E
Optional Courses in English, Grades 10 to 12				
Presentation and Speaking Skills			EPS30	
Media Studies			EMS30	
Studies In Literature				ETS4U
The Writer's Craft				EWC4U
Ontario Secondary School Literacy Course				OLC40
English as a Second Language and English Literacy Development				
Note: Courses are not grade specific. They are determined by the student's level of proficiency.				
English Literacy Development, Level 1	ELDAO			
English Literacy Development, Level 2	ELDBO			
English Literacy Development, Level 3	ELDCO			
English Literacy Development, Level 4	ELDDO			
English Literacy Development Level 5	ELDEO			
English as a Second Language, Level 1	ESLAO			
English as a Second Language, Level 2	ESLBO			
English as a Second Language, Level 3	ESLCO			
English as a Second Language, Level 4	ESLDO			
English as a Second Language, Level 5	ESLEO			
French as a Second Language				
Core French — Academic, University	FSF1D			
Core French — Applied	FSF1P			
Guidance and Career Education				
Career Studies (0.5 credit)		GLC20		

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Course Selection

	Grade 9	Grade 10	Grade 11	Grade 12
Career Studies — Sheltered (0.5 credit)		GLC20(S)		
Leadership and Peer Support			GPP30	
LINK Crew — Leadership			GPP30(1)	
Health and Physical Education				
Healthy Active Living Education — Female	PPL10P	PPL20P	PPL03P	
Healthy Active Living Education — Male	PPL10Q	PPL20Q	PPL03Q	
Healthy Active Living Education — Co-ed				PPL404
Personal and Fitness Activities — Male			PAF30Q	
Personal and Fitness Activities — Female				PAF40P
Individual and Small Group Activities (Sheltered)	PAI10S			
Individual and Small Group Activities		PAI20		
Outdoor Activities			PAD30	
Mathematics				
Principles of Mathematics — Academic	MPM1D	MPM2D		
Foundations of Mathematics — Applied	MFM1P	MFM2P		
Foundations of Mathematics — Sheltered	MFM1P(S)	MFM2P(S)		
Foundations of Mathematics — Essentials	MAT1L	MAT2L		
Foundations of Mathematics — Sheltered	MAT1L(S)	MAT2L(S)		
Functions — University			MCR3U	
Functions and Applications — University/College			MCF3M	
Foundations for College Mathematics			MBF3C	
Mathematics for Work and Everyday Life			MEL3E	MEL4E
Calculus and Vectors				MCV4U
Advanced Functions				MHF4U
Foundations for College Mathematics				MAP4C
Native Studies				
Expressing Aboriginal Cultures	NAC10			
English: Contemporary Aboriginal Voices			NBE3C/3U/3E	
Aboriginal Beliefs, Values, and Aspirations in Contemporary Society			NBV3C/3U/3E	
Issues of Indigenous Peoples in a Global Context				NDW4M
Science				
Science — Academic	SNC1D	SNC2D		
Science — Applied	SNC1P	SNC2P		
Science — Applied (Sheltered)	SNC1P(S)	SNC2P(S)		
Science — Essentials	SNC1L			
Science — Essentials (Sheltered)	SNC1L(S)			
Environmental Science			SVN3E	

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	Grade 9	Grade 10	Grade 11	Grade 12
Biology — University			SBI3U	SBI4U
Biology — College			SBI3C	
Chemistry — University			SCH3U	SCH4U
Chemistry — College				SCH4C
Physics — University			SPH3U	SPH4U
Social Sciences and Humanities				
Food and Nutrition		HFN20		
Hospitality			TFJ3C	
Parenting and Human Development				HPD4E
Managing Personal and Family Resources			HIR3C	
Introduction to Anthropology, Psychology, and Sociology			HSP3M	
World Religions: Beliefs and Daily Life			HRF30	
Individuals and Families in a Diverse Society				HHS4M
Challenge and Change in Society				HSB4M
Technological Education				
Exploring Technologies	TIJ10			
Exploring Technologies (Sheltered)	TIJ10(S)			
Communications Technology			TGJ3M	TGJ4M
Construction Technology		TCJ20	TCJ3C	TCJ4C
			TCJ3E	TCJ4E
Construction Technology (Electrical Emphasis)			TCE3E	TCE4E
Design Technology			TDJ3M	TDJ4M
Custom Woodworking			TWJ3E	TWJ4E
Transportation Technology			TTJ3C	TTJ4C
Transportation Technology (female)		TTJ20P		
Transportation Technology (male)		TTJ20Q		

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Ridgemont High School

2597 Alta Vista Drive
Ottawa, ON K1V 7T3

Description

General Information

Ridgemont High School is the home of the Spartans and noted for its academic excellence, its strong athletic and extra-curricular programs, and its community partnerships. It provides a strong academic foundation for secondary school students who choose to pursue post secondary education at university or college or to enter directly into the workforce.

Goals

Ridgemont High School embraces a philosophy that challenges students to achieve personal excellence and responsible global citizenship in a safe and caring environment.

Special Programs

Ridgemont High School offers a wide range of academic programs from grade 9 to grade 12. It offers the Extended and Immersion French programs, Music, Band, Visual Arts, Drama, dynamic academic classes in all subject areas, and a broad range of programs in traditional and new technologies. Our Developmental Disabilities Program prepares students for the world of work and integration into the community. Ridgemont is also a renowned English-as-a-Second-Language Centre and offers an array of international languages, i.e., Arabic, German, Somali and Spanish. Ridgemont offers an excellent Co-operative Education Program and a full range of innovative programs to support students including Skills for Success and Student Success Program. The school boasts comprehensive facilities with state-of-the-art software and hardware, two gymnasiums, a comprehensive weight room, modern tech shops, computer labs, and stimulating classrooms. A committed, dynamic staff, focused on students and student learning, creates a challenging, respectful and caring atmosphere. Drawing on students from around the world, Ridgemont High School presents a unique opportunity to learn in an exciting and harmonious multicultural environment.

Highlights

- Extra-curricular activities include teams, clubs, and leadership opportunities.
- Strong Athletics and Fine Arts programs offer students numerous co-curricular activities.
- Extensive student support programs include: Student Success, Spartan STARS (LINK Crew), Leadership Camp, community partnerships, peer mediation, conflict resolution, Youcan training, restorative practices, skill building, and peer tutoring. Many after-school programs are available to our students such as Boys and Girls Club including Homework Club.
- A very dedicated, active and involved School Council.
- Partnership with Lesotho School in Africa.
- Digital Arts and Media Arts programs. Extensive Co-op Program including OYAP State of the art computer labs, gymnasiums and work-out room.
- Extensive sports and intramural programs including basketball, volleyball, rugby, and soccer. Various languages programs including Arabic, German, Spanish, and Somali
- Over \$400,000 earned towards scholarships and various awards last year including the winner of the prestigious "Prix National de Poésie en Immersion en Langue Française 2010."

School Info

Phone

613-733-4860

Fax

613-521-9637

www.ridgemonths.ocdsb.ca

Principal

Richard King

Vice-principals

Shannon Adams

Ann Taillon

Superintendent of

Instruction

Stephen Sliwa

Enrolment

683

Format

Semestered

	Grade 9	Grade 10	Grade 11	Grade 12
Arts				
Dance — Open, University/College		ATC20	ATC3M	ATC4M
Drama — Open, University/College	ADA10	ADA20	ADA3M	ADA4M
Music — Open, University/College	AMU10	AMU20	AMU3M	AMU4M
Repertoire — Band — Open, University/College	AMR10	AMR20	AMR3M	AMR4M
Keyboard — Music — Open, University/College		AMK20	AMK3M	
Music — Guitar		AMG20	AMG30	
Visual Arts — Open, University/College	AVI10	AVI20	AVI3M	AVI4M
Visual Arts — Digital Media			AWS3M	AWS4M
Media Arts — University/College			ASM3M	ASM4M
Business Studies				
Information and Communication Technology in Business — Open	BTT10			
Introduction to Business — Open		BBI20		
Financial Accounting Fundamentals — University/College			BAF3M	
Marketing: Goods, Services, Events — College			BMI3C	
Financial Accounting Principles — University/College				BAT4M
International Business Fundamentals — University/College				BBB4M
Information and Communication Technology: The Digital Environment — Open			BTA30	
Canadian and World Studies				
Geography of Canada — Applied	CGC1P(S)			
Geography of Canada — Academic	CGC1D(S,F)			
Canadian and World Issues: A Geographic Analysis — University				CGW4U
Civics (0.5 credit) — Open		CHV20(F,S)		
Canadian History Since World War I — Academic		CHC2D(F,S)		
Canadian History Since World War I — Applied		CHC2P(S)		
World History: The West and the World — University				CHY4U(R)
World History to the Sixteenth Century Please note the CHW3MF course will be offered next year (2011–2012) and only in alternating years.			CHW3M(F)	CPW4U
Understanding Canadian Law			CLU3M	
Canadian and International Law				CLN4U
Regional Geography: Travel and Tourism — Open			CGG30	
Analysing Current Economic Issues — University				CIA4U
Canadian and World Politics — University				CPW4U
World Geography: Urban Patterns and Interactions — College				CGU4C

If present, the sixth character in a course code provides additional information. For example: E — Enriched; G — Gifted; S — Sheltered; F — Language of Instruction is French; I — Gifted Immersion; R — Advanced Placement (AP); H — AP Taught in French. See page 7 for details.

	Grade 9	Grade 10	Grade 11	Grade 12
Classical Studies and International Languages (by levels of proficiency)				
Arabic		LYBBD	LYBCU	LYBDU
German		LWGBD	LWGCU	LWGDU
Somali		LDLBD		LDLDU
Spanish		LWSBD	LWSCU	LWSDU
Computer Studies				
Computer Science — University			ICS3U	ICS4U
Cooperative Education				
For more information, see page 176 or contact Student Services or Cooperative Education teachers.				
English — Compulsory Courses in English, Grades 9 to 12				
English — Academic	ENG1D	ENG2D		
English — Applied	ENG1P	ENG2P		
English — Locally Developed	ENG1L	ENG2L		
English — Workplace			ENG3E	ENG4E
English — University			ENG3U	ENG4U
English — College			ENG3C	ENG4C
Optional Courses in English, Grades 11 to 12				
OSS Literacy Course — Open				OLC40
English Media — Open			EMS30	
The Writer's Craft — University				EWC4U
English as a Second Language and English Literacy Development. Note: Courses are not grade specific. They are determined by the student's level of proficiency.				
English as a Second Language, Level 1	ESLAO			
English as a Second Language, Level 2	ESLBO			
English as a Second Language, Level 3	ESLCO			
English as a Second Language, Level 4	ESLDO			
English as a Second Language, Level 5	ESLEO			
French as a Second Language				
Core French — Academic, University	FSF1D	FSF2D	FSF3U	FSF4U(H)
Core French — Applied, Open	FSF1P	FSF2P	FSF3O	FSF4O
Extended French — Academic, University	FEF1D	FEF2D	FEF3U	FEF4U
French Immersion — Academic, University	FIF1D	FIF2D	FIF3U	FIF4U(H)
Guidance and Career Education				
Career Studies (0.5 credit) — Open		GLC20(F,S)		
Learning Strategies: Skills for Success in Secondary School	GLE10	GLE20		
Leadership Development			IDP30	
Leadership and Peer Support			GPP30(F)	
LINK Crew Leadership			IDC30	IDC4U

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	Grade 9	Grade 10	Grade 11	Grade 12
Health and Physical Education				
Healthy Active Living Education — Female	PPL10P	PPL20P	PPL30P	PPL40P
Healthy Active Living Education — Male	PPL10Q	PPL20Q	PPL30Q	PPL40Q
Outdoor Activities — Open			PAD30	PAD40
Personal and Fitness Activities — Open			PAF30	PAF40
Rugby Focus Course			PAL30	
Recreation and Fitness Leadership — College				PLF4C
Exercise Science — University				PSE4U
Mathematics				
Principles of Mathematics — Academic	MPM1D	MPM2D		
Foundations of Mathematics — Applied	MFM1P	MFM2P		
Mathematics — Locally Developed	MAT1L	MAT2L		
Functions — University			MCR3U	
Functions and Applications — University/College			MCF3M	
Foundations for College Mathematics			MBF3C	
Mathematics for Work and Everyday Life			MEL3E	MEL4E
Advanced Functions — University				MHF4U
Calculus and Vectors — University				MCV4U
Mathematics of Data Management — University				MDM4U
Foundations for College Mathematics — College				MAP4C
Mathematics for College Technology — College				MCT4C
Native Studies				
Expressing Aboriginal Cultures	NAC10			
Science				
Science — Academic	SNC1D(F,S)	SNC2D(F)		
Science — Applied	SNC1P(S)	SNC2P		
Science — Locally Developed	SNC1L(S)	SNC2L		
Environmental Science — Workplace			SVN3E	
Biology — University			SBI3U	SBI4U(R)
Biology — College			SBI3C	
Chemistry — University			SCH3U	SCH4U(R)
Chemistry — College				SCH4C
Physics — University			SPH3U	SPH4U(R)
Earth and Space Science — University				SES4U
Social Sciences and Humanities				

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	Grade 9	Grade 10	Grade 11	Grade 12
Food and Nutrition — Open	HFN10			
Individual and Family Living — Open		HIF20		
Managing Personal and Family Resources — College			HIR3C	
Fashion and Creative Expression — Open			HNC30	
Parenting — Open			HPC30	
Challenge and Change in Society, Grade 12 University/College Preparation				HSB4M
Introduction to Anthropology, Psychology, and Sociology — University/College — Note the HSP3MF course was offered in 2010–2011 and will only be offered again in alternating years (2012–2013).			HSP3M(F)	
World Religions: Beliefs, Issues, and Religious Traditions — University/College			HRT3M	
Individuals and Families in a Diverse Society — University/College				HHS4M
Philosophy: Questions and Theories				HZT4U
Police Foundations Course			IDC301	
Technological Education				
Exploring Technologies	TIJ10			
Communications Technology		TGJ20	TGJ3M	TGJ4M
Technological Design		TDJ20	TDJ3M	TDJ4M
Transportation Technology		TTJ20	TTJ3C	TTJ4C
Computer Engineering Technology		TEJ20	TEJ3M	TEJ4M
Communications Technology — Yearbook Course			IDC30U	

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Course Descriptors

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Sir Guy Carleton Secondary School

55 CentrepoinTE Drive
Nepean, ON K2G 5L4



School Info

Phone

613-723-5136

Fax

613-723-8497

www.sirguycarletonss.ocdsb.ca

Principal

Kevin Bush

Vice-principals

Dean Bridgewater
Nancy Dlouhy

Superintendent of

Instruction

Pino Buffone

Enrolment

500

Format

Semestered

Description

General Information

Sir Guy Carleton Secondary School is a system school that offers vocational education. Acceptance to the vocational program is by application. We also offer a General Learning Program, a Behaviour Intervention Program, and a Physical Support Program. Acceptance to these special education programs is through the community school and Learning Support Services.

Goals

The Sir Guy Carleton school community is dedicated to our unique students and will always provide a positive learning environment that emphasizes vocational training, and preparation for the world of work. We emphasize practical, relevant, and active approaches to education where students are provided with daily opportunities to learn in a hands-on manner.

Special Programs

Technical and academic programs together form a strong partnership with effective transfer of learning from one area to another. The school facility includes 14 different technological education areas equipped for such real-life job opportunities as auto service, cosmetology, communications technology, health care, welding, childcare, and hospitality. Our Academic Program is equally effective with resources designed specifically to meet the needs of our students. Cooperative education and workplace experience placements are important components of 'The School that Works.' Our General Learning Program, Behaviour Intervention Program, and Physical Support Program all incorporate the Quality Program Indicators for Specialized Programs into their delivery models.

Highlights

- Staff foster positive self-esteem. We support not only academic success but also create many social and spirit-building opportunities.
- Each student is provided with a Skills Portfolio which highlights the student's employability skills as well as the skills attained in each technology area studied.
- Community partnerships enhance learning through such projects as our Community Connections Day, the SAGE Literacy Program, the Smoke-Free Youth Project, and the Thanksgiving Turkey Dinner.
- Participation in a wide variety of intramural sports activities, VOCOM, and selected NCSSAA tournaments.
- Ongoing initiatives include a SHSM in Advanced Culinary Education (ACE), a Student Success Centre, a Health Clinic, Outdoor Education opportunities, and grade 9 Learning Community activities.

Course Selection

	Grade 9	Grade 10	Grade 11	Grade 12
Arts				
Instrumental Music	AMU10	AMU20	AMU30	
Visual Arts	AVI10	AVI20	AVI30	
Business Studies				
Information and Communication Technology in Business	BTT10	BTT20		
Marketing: Retail and Service			BMX3E	
Information and Communication Technology: Digital Environment				BTA30
Canadian and World Studies				
Geography of Canada — Applied			CGC1P	
Civics (0.5 credit)			CHV20	
Canadian History Since World War I — Applied				CHC2P
Cooperative Education				
For more information, see page 176 or contact Student Services or Cooperative Education teachers.				
Work Experience (.5 credit)			GLD20	GLD20(1)
English				
English — Preparatory Levels	KENAN	KENBN	KENCN	KENDN
English — Locally Developed and Workplace	ENG1L	ENG2L	ENG3E	ENG4E
English (College)			ENG3C	ENG4C
Literacy Course				OLC40
Focus on Reading Development	KENANN			
Guidance and Career Education				
Learning Strategies	GLE10	GLE20		
Career Studies (0.5 credit)			GLC20	
Health and Physical Education				
Healthy Active Living Education — Female	PPL10P	PPL20P	PPL30P	PPL40P
Healthy Active Living Education — Male	PPL10Q	PPL20Q	PPL30Q	PPL40Q
Personal and Fitness Activities			PAF30	PAF40
Interdisciplinary Studies				
Outdoor Leadership			IDC30	IDC40
Mathematics				
Mathematics Preparatory courses	KMMAN	KMMBN		
Mathematics — Essentials	MAT1L	MAT2L		
Mathematics for Work and Everyday Life			MEL3E	MEL4E
Science				
Science Preparatory courses	KSNAN	KSNBN		
Science Locally Developed	SNC1L	SNC2L		
Science — Workplace			SNC3E	SNC4E

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	Grade 9	Grade 10	Grade 11	Grade 12
Social Sciences and Humanities				
Family Studies Childcare	HIF20	HIF20		
Parenting			HPC30	
Technological Education				
Hospitality and Tourism (Culinary Arts)	TFJ10	TFJ20	TFJ3E(SHSM)	TFJ4E(SHSM)
Communications Technology		TGJ20	TGJ30	
Green Industries	THJ10	THJ20	THJ3E	THJ4E
Construction Technology	TCJ10	TCJ20	TCJ3E	TCJ4E
Custom Woodworking	TCJ10	TCJ20	TWJ3E	TWJ4E
Transportation Technology (Autoservice)	TTJ10	TTJ20	TTJ207	TTJ4E7
Transportation Technology (Autobody)	TTJ10	TTJ20	TTJ206	TTJ4E6
Hairstyling and Aesthetics		TXJ20	TXJ3E	TXJ4E
Health Care	TPJ10	TPJ20		TPJ4E
Manufacturing Technology (Welding)	TMJ10	TMJ20	TMJ3E2	TMJ4E2
Manufacturing Technology (Machining)	TMJ10	TMJ20	TMJ3E1	TMJ4E1
Exploring the World of Work		KGWBN	KGWCN	

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Sir Robert Borden High School

131 Greenbank Road
Nepean, ON K2H 8R1

Description

General Information

Sir Robert Borden High School (SRB), home of the Borden Bengals, is a large secondary school located in the Baseline/Greenbank roads area.

Goals

To provide each student with a learning program of the highest quality, an education for the future built on a tradition of excellence. SRB focuses on the four As — attendance, academic, athletic, and artistic excellence.

Special Programs

We offer a complete academic program leading to a full range of opportunities for post secondary education. Students enrolled in French Immersion are able to complete the requirements for an Immersion or Extended Certificate. An extensive Cooperative Education Program allows students to earn credits while obtaining valuable experiences in the workplace. SRB is the site of the Community Safety and Emergency Services SHSM and the OCDSB Musical Theatre Focus Program for 2011–2012. SRB is a site for the Learning Disability Program.

Highlights

- SRB has a complete range of interscholastic sports teams with numerous championship teams over the years. Last year, senior boys basketball and soccer, cross-country running, baseball, snowboarding, track, and badminton teams all competed at OFSAA.
- A Student Success Team heads up literacy, numeracy, pathways, and character development initiatives.
- Our LINK Crew Program supports the transition of our grade 9 students into SRB.
- There is strong participation and performance in Science and Math contests.
- Our Design Technology Program competes annually at the Skills Ontario Cardboard Sled Race and we have successfully finished in the top three at the Design Exchange Competitions.
- Students can participate in annual trips to Costa Rica, Belize, Paris, New York and other destinations for course enrichment.
- Community involvement is highlighted by school-wide fund raising through KEY club.
- Our active and involved School Council is an invaluable resource in providing support and direction for our community school.
- Our Arts Program includes an annual art show and a theatre production. Our Concert bands and the Jazz Ensemble go on an annual trip and participate in numerous competitions such as the Regional Musicfest. As the host school for the Musical Theatre Focus Program 2011–2012 a major theatrical production will be performed in the John Henderson Auditorium. SRB will participate in the CAPPIES.

School Info

Phone

613-829-5320

Fax

613-829-1287

www.sirrobertbordenhs.ocdsb.ca

Principal

Barb Gage

Vice-principals

Al Penney
Wendy Verreault

Superintendent of

Instruction
Frank Wiley

Enrolment

981

Format

Semestered

	Grade 9	Grade 10	Grade 11	Grade 12
Arts				
Drama	ADA10	ADA20	ADA3M	ADA4M
Music	AMU10	AMU20	AMU3M	AMU4M
Music — Repertoire	AMR10	AMR20	AMR3M	AMR4M
Music — Keyboard	AMK10	AMK20	AMK3M	AMK4M
Music — Vocal/Choral	AMV10	AMV20	AMV3M	AMV4M
Visual Arts	AVI10	AVI20	AVI3M	AVI4M
Visual Arts — Digital Photography			AWQ30	
Business Studies				
Information and Communication Technology in Business	BTT10			
Introduction to Business		BBI20		
Financial Accounting Fundamentals — University/College			BAF3M	
Financial Accounting Principles — University/College				BAT4M
Marketing: Goods, Services, Events — College			BMI3C	
Organizational Behaviour and Human Resources — University/College				BOH4M
Canadian and World Studies				
Geography of Canada — Academic	CGC1D(F)			
Geography of Canada — Applied	CGC1P			
Physical Geography: Patterns, Processes, and Interactions — University/College			CGF3M	
Regional Geography: Travel and Tourism			CGG30	
Canadian and World Issues: A Geographic Analysis — University				CGW4U
Civics (0.5 credit)		CHV20(F)		
Canadian History Since World War I — Academic		CHC2D(F)		
Canadian History Since World War I — Applied		CHC2P		
Adventures in World History — Workplace				CHM4E
World History to the Sixteenth Century — University/College			CHW3M(F)	
Canada: History, Identity, and Culture — University				CHI4U
World History: The West and the World — University				CHY4U(F)
Understanding Canadian Law — Workplace			CLU3E	
Understanding Canadian Law — University/College			CLU3M	
Canadian and International Law — University				CLN4U
Analysing Current Economic Issues — University				CIA4U
Canadian and World Politics — University				CPW4U
Classical Studies and International Languages				
Spanish — Academic/University		LWSBD	LWSCU	

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Course Selection

	Grade 9	Grade 10	Grade 11	Grade 12
Computer Studies				
Introduction to Computer Studies		ICS20		
Introduction to Computer Programming — College			ICS3C	
Introduction to Computer Science — University			ICS3U	
Computer Science — University				ICS4U
Cooperative Education				
For more information, see page 176 or contact Student Services or Cooperative Education teachers.				
English				
English — Academic	ENG1D	ENG2D		
English — Applied	ENG1P	ENG2P		
English — University			ENG3U	ENG4U
English — College			ENG3C	ENG4C
Studies in Literature — University				ETS4U
The Writer's Craft — University				EWC4U
Communication in the World of Business and Technology				EBT40
Ontario Secondary School Literacy Course (OSSLC)				OLC40
French as a Second Language				
Core French — Academic, University	FSF1D	FSF2D	FSF3U	
Core French — Applied	FSF1P	FSF2P		
Extended French — Academic, University	FEF1D	FEF2D	FEF3U	
French Immersion — Academic, University	FIF1D	FIF2D	FIF3U	FIF4U*
Students in FIF4U* are eligible to write the Advanced Placement (AP) exam should they choose to do so.				
Guidance and Career Education				
Learning Strategies — Skills for Success in Secondary School	GLS10			
Career Studies (0.5 credit)		GLC20(F)		
Leadership and Peer Support			GPP30	
Navigating the Workplace				GLS40
Health and Physical Education				
Healthy Active Living Education — Female	PPL10P	PPL20P	PPL30P	PPL40P
Healthy Active Living Education — Female (French Immersion)	PPL104	PPL204	PPL304	
Healthy Active Living Education — Male	PPL10Q	PPL20Q	PPL30Q	PPL40Q
Healthy Active Living Education — Male (French Immersion)	PPL105	PPL205	PPL305	
Personal and Fitness Activities			PAF30	PAF40
Outdoor Education				PAD40
Exercise Science — University				PSE4U

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	Grade 9	Grade 10	Grade 11	Grade 12
Interdisciplinary Studies				
Yearbook			AWQ301	IDC40
LINK Crew Leadership			IDC30	IDC4U
Community Safety and Emergency Services (Specialist High Skills Major)			IDP30	IDP40/4U
Mathematics				
Principles of Mathematics — Academic	MPM1D	MPM2D		
Foundations of Mathematics — Applied	MFM1P	MFM2P		
Mathematics — Locally Developed Compulsory Credit Course	MAT1L			
Functions — University			MCR3U	
Functions and Applications — University/College			MCF3M	
Foundations for College Mathematics			MBF3C	
Mathematics for Work and Everyday Life — Workplace			MEL3E	MEL4E
Advanced Functions — University (Semester 1 only)				MHF4U
Calculus and Vectors — University (Semester 2 only)				MCV4U
Mathematics of Data Management — University				MDM4U
Foundations for College Mathematics				MAP4C
Science				
Science — Academic	SNC1D	SNC2D		
Science — Applied	SNC1P	SNC2P		
Biology — University			SBI3U	SBI4U
Biology — College			SBI3C	
Chemistry — University			SCH3U	SCH4U
Chemistry — College				SCH4C
Physics — University			SPH3U	SPH4U
Health Science — University/College				SNC4M
Social Sciences and Humanities				
Food and Nutrition		HFN20		
Managing Personal and Family Resources — College			HIR3C	
Parenting			HPC30	
Introduction to Anthropology, Psychology, and Sociology — University/College			HSP3M(F)	
Food and Nutrition Sciences — University/College				HFA4M
Individuals and Families in a Diverse Society — University/College				HHS4M
Philosophy: Questions and Theories — University				HZT4U
World Religions: Beliefs and Daily Life — University/College (Offered this year and in alternating years)			HRT3M	

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	Grade 9	Grade 10	Grade 11	Grade 12
Technological Education				
Exploring Technologies	TJJ10			
Communications Technology		TGJ20	TGJ3M	TGJ4M
Construction Technology		TCJ20		
Custom Woodworking — Workplace			TWJ3E	TWJ4E
Technological Design — University/College		TDJ20	TDJ3M	TDJ4M

In 2011–2012, SRB will be offering the Musical Theatre Focus Program for students to experience musical theatre through a broad overview of the history, styles, works, and artists of the musical theatre genre. Students in this program will focus on drama, dance, vocal music, and stage design that will support the large scale musical theatre production, Chicago. (This program runs every two years so the next available session will be February to June, 2014.)

Prerequisite: Two of Dance, Music, Dramatic Arts, or Visual Arts courses from grade 9 or 10. Some ability and experience with dancing and singing is expected. Please see Musical Theatre pamphlet for more details (available from your guidance counsellor).

A Specialist High Skills Major (SHSM) Program will be offered in Community Safety and Emergency Services. A cluster of courses is required to earn this designation.

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Sir Wilfrid Laurier Secondary School

1515 Tenth Line Road
Orléans, ON K1E 3E8



School Info

Phone

613-834-4500

Fax

613-834-4511

www.sirwil.ca

Principal

Ruggles Pritchard

Vice-principals

Carol Cockburn (Acting)

Sam Laggis

Susan Nancekivell

Superintendent of Instruction

Pino Buffone

Enrolment

1070

Format

Semestered

Description

General Information

Sir Wilfrid Laurier Secondary School is part of a community-based complex. Sir Wil encourages all students to develop leadership skills through participation in a wide variety of extra-curricular activities in athletics, student council, the Arts, and student clubs.

Goals

The school strives to provide a positive and safe environment in which students, staff, and parents are committed to excellence and the creation of socially responsible, adaptable learners who are prepared to make an effective contribution to the community. The school motto, 'Wil Power,' is used to emphasize Respect: Respect for Self, Respect for Others, and Respect for Community and the Environment.

Special Programs

Sir Wil is recognized as one of the leading schools in the use of information technology in the classroom. In addition to the technology focus, the school offers a full French Immersion Program along with Core French. Artistic students can expand their knowledge and skills through the comprehensive Music, Visual Art, and Drama offerings. Our Special Certificate programs include Construction Technology, New Media Design, Broadcasting Technology, and International Studies. The Cooperative Education Program provides our students with a wide range of work opportunities. Sir Wil also offers the Specialist High Skills Majors: Construction Projects and Broadcasting, New Media Design, and Animation. The LINK Crew Program provides students with the opportunity to develop skills in leadership and mentor younger students.

Highlights

- Diverse ethno-cultural student body.
- A broad Interscholastic Sports Program. Our teams have experienced great success in football, rugby, wrestling, swimming, alpine skiing, cross-country running, and basketball.
- An active Student Council involved in developing various activities such as coffeehouses and dances.
- Drama and music students perform regularly in the school and community.
- A wide array of unique technology courses including broadcasting, robotics, and media design.

	Grade 9	Grade 10	Grade 11	Grade 12
Arts				
Dramatic Arts — Open	ADA10(F)	ADA20		
Dramatic Arts — University/College			ADA3M	ADA4M
Music	AMU10	AMU20	AMU3M	AMU4M
Music — Band for credit		AMR20	AMR3M	AMR4M
Music — Guitar		AMG20	AMG30	
Music — Vocal	AMV10	AMV20	AMV3M	AMV4M
Visual Arts	AVI10(F)	AVI20(F)		AVI4M
Visual Arts — Drawing and Painting			AWM3M	
Visual Arts — Photography			AWQ3M	AWQ4M
Business Studies				
Information and Communication Technology in Business	BTT10			
Introduction to Business		BBI20		
Financial Accounting Fundamentals			BAF3M	
Financial Accounting Principles				BAT4M
Information and Communication Technology: The Digital Environment			BTA30	
Marketing: Goods, Services, Events			BMI3C	
Introduction to International Business				BBB4M
Canadian and World Studies				
Geography of Canada — Academic	CGC1D(F)			
Geography of Canada — Applied	CGC1P			
Canadian and World Issues: A Geographic Analysis				CGW4U
Civics (0.5 credit)		CHV20(F)		
Canadian History in the Twentieth Century — Academic		CHC2D(F)		
Canadian History in the Twentieth Century — Applied		CHC2P		
World History to the Sixteenth Century			CHW3M(F)	
World History: The West and the World — University				CHY4U
Understanding Canadian Law — University/College			CLU3M	
Canadian and International Law				CLN4U
Analysing Current Economic Issues				CIA4U
Canadian and World Politics				CPW4U
Computer Studies				
Introduction to Computer Studies		ICS20		
Computer Science			ICS3U	ICS4U
English				
English — Academic	ENG1D	ENG2D		
English — Applied	ENG1P	ENG2P		

If present, the sixth character in a course code provides additional information. For example: E — Enriched; G — Gifted; S — Sheltered; F — Language of Instruction is French; I — Gifted Immersion; R — Advanced Placement (AP); H — AP Taught in French. See page 7 for details.

	Grade 9	Grade 10	Grade 11	Grade 12
English — University			ENG3U	ENG4U
English — College			ENG3C	ENG4C
Media Studies			EMS30	
The Writer's Craft				EWC4U
French as a Second Language				
Core French — Academic, University	FSF1D	FSF2D	FSF3U	FSF4U
Core French — Applied/Open	FSF1P	FSF2P	FSF30	
French Immersion	FIF1D	FIF2D	FIF3U	FIF4U
Guidance and Career Education				
Learning Strategies (for students with IEPs)	GLE10			
Learning Strategies 1 — Skills for Success in Secondary School	GLS10			
Career Studies (0.5 credit)		GLC20(F)		
Leadership and Peer Support— Leadership and LINK Crew			IDP30	IDP4U
Cooperative Education				
For more information, see page 176 or contact Student Services or Cooperative Education teachers.				
Health and Physical Education				
Healthy Active Living Education — Female	PPL10P	PPL20P	PPL30P	
Healthy Active Living Education — Male	PPL10Q	PPL20Q	PPL30Q	
Healthy Active Living Education — Co-ed				PPL40
Personal Fitness Activities — Male			PAF30Q	
Specific Fitness Training				PAI40
Exercise Science				PSE4U
Mathematics				
Principles of Mathematics — Academic	MPM1D	MPM2D		
Foundations of Mathematics — Applied	MFM1P	MFM2P		
Functions — University			MCR3U	
Functions and Applications — University/College			MCF3M	
Foundations for College Mathematics			MBF3C	
Mathematics for Work and Everyday Life			MEL3E	MEL4E
Advanced Functions				MHF4U
Calculus and Vectors				MCV4U
Mathematics of Data Management				MDM4U
Foundations for College Mathematics				MAP4C
Native Studies				
Indigenous Peoples: Issues in Global Context				NDW4M
Science				
Science — Academic	SNC1D(F)	SNC2D(F)		

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	Grade 9	Grade 10	Grade 11	Grade 12
Science — Applied	SNC1P	SNC2P		
Biology — University			SBI3U(F)*	SBI4U
Biology — College			SBI3C	
Chemistry — University			SCH3U	SCH4U
Chemistry — College				SCH4C
Physics — University			SPH3U	SPH4U
Earth and Space Science				SES4U
Social Sciences and Humanities				
Food and Nutrition		HFN20		
Managing Personal and Family Resources			HIR3C	
Introduction to Anthropology, Psychology, and Sociology			HSP3M(F)*	
Fashion and Creative Expression			HNC30	
Parenting			HPC30	
Individuals and Families in a Diverse Society				HHS4M
Food and Nutrition Sciences				HFA4M
World Religion			HRT3M	
Philosophy: Questions and Theories				HZT4U
Technological Education				
Exploring Communications Technology	TGJ10			
Exploring Technological Design	TDJ10			
Communications Technology — Broadcasting		TGJ20(1)	TGV3M	TGV4M
Communications Technology — Graphics and Multimedia		TGJ20	TGI3M	TGJ4M
Communications Technology — Multimedia Studio and Animation Studio (two credits)				TGI4M/IDC4U
Computer Engineering Technology — Robotics			TEJ3M	TEJ4M
Construction Technology — Open/College		TCJ20	TCJ3C,TCJ3E	
Custom Woodworking — Workplace (two credits)			TWJ3E	TWJ4E
Construction Projects (supplementary application required) (4 credits)			TCJ3C0	TCJ4C0
Print and Graphic Communications: Yearbook				TGG4M
Technological Design — CAD — Computer Drafting and Industrial Design — Pre-engineering				TDJ4M
Technological Design — Pre-engineering		TDJ20	TDJ30,TDJ3M	
Photography and Digital Imaging for SHSM			TGP3M	TGP4M

*SBI3U(F) and HSP3M(F) will be offered in alternating school years.

If present, the sixth character in a course code provides additional information. For example: E — Enriched; G — Gifted; S — Sheltered; F — Language of Instruction is French; I — Gifted Immersion; R — Advanced Placement (AP); H — AP Taught in French. See page 7 for details.

In 2011–2012, there will be two Specialist High Skills Major Information and Technology concentrations. One will be oriented towards students interested in radio and television broadcasting and the second will be oriented towards students interested in graphics design, multimedia, and animation. Please refer to focus programs. Please see your guidance counsellor.

There will be an option for students who sign up for the double credit TGI4M/IDC4U combination to register for a double credit Multimedia and Design Program in conjunction with Algonquin College. This will provide two high school credits and one Algonquin credit. Priority for this program will be given to students who are also registered in the Specialist High Skills Major Information and Technology Program. This will include lessons taught at Sir Wilfrid Laurier by instructors from Algonquin College.

*SBI3U(F) and HSP3M(F) will be offered in alternating school years.

Focus and Specialist High Skills Major Programs	eLearning Courses	Prerequisite Charts	Course Descriptors
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If present, the sixth character in a course code provides additional information. For example: E — Enriched; G — Gifted; S — Sheltered; F — Language of Instruction is French; I — Gifted Immersion; R — Advanced Placement (AP); H — AP Taught in French. See page 7 for details.



South Carleton High School

3673 McBean Street
Richmond, ON K0A 2Z0

Description

General Information

South Carleton High School (SCHS) serves students living in the south-western sector of the Ottawa-Carleton District School Board. Our students come from Richmond, Kars, North Gower, Manotick, Munster, Ashton, Stittsville, Riverside South, and surrounding areas. For over 58 years, SCHS has been recognized in the community as a school with excellent academic, athletic, and extra-curricular programs.

Goals

To provide students with a caring, community-based school — a school that respects the individual; honours traditions; prepares students for their future; and develops citizenship through character education.

Special Programs

Our excellent Academic Program provides students with a wide range of learning opportunities. We offer a comprehensive Academic Program coupled with requisite expectations that challenge our students, most of whom pursue post secondary education. Our Creative Fine Arts Program features Visual Arts, Photography, Media Studies, Instrumental, Repertoire, Drama Arts, and Dance. Our Social Science Program offers a wide variety of courses in Geography, History, and the Humanities. The French Immersion Program features Immersion courses in Business Studies, Canadian and World Studies, Humanities, and Science. We have an extensive Technological Studies Program supported by excellent facilities — Construction Projects SHSM Program, Communications, Computer Networking, Manufacturing, Transportation, Construction, and Computer Engineering. Our award-winning Business Studies Program includes Computer, Entrepreneurial, and Organizational Studies. Our Health and Physical Education Department offers a wide variety of specialized courses including Outdoor Education, Male and Female Fitness, Exercise Science, and Recreational Leadership. Our Dance Program also offers dance classes at all grade levels. Mathematics, Science, and English (enriched) programs are noted as preparing students well for university level pathways.

Highlights

- We are proud of our graduating class of 2010; 110 of our 274 graduates were Ontario Scholars and 38 graduates were recognized for academic excellence with averages over 90 per cent.
- Science laboratories that are modern and up to date. Four gymnasiums and excellent technology facilities enhance the composition of programs available to meet the needs of all learners.
- Curricular and extra-curricular programs in Leadership, Peer Support, and global awareness including many interest and service clubs as well as over 27 interscholastic teams (True Sport lives here).
- A LINK Crew Program in which senior students work closely with incoming grade 9 students to provide a smooth, supported transition in their first year of high school.
- Strong partnerships exist with Carleton University and Algonquin College and in mentoring new teachers from Queen's University, Nipissing University, and the University of Ottawa.
- Specialist High Skills Majors are available to senior students of South Carleton in Construction, Manufacturing, and Health and Wellness.

School Info

Phone
613-838-2212

Fax
613-838-5694

www.southcarleton.ca

Principal
Trudy Garland

Vice-principals
Peter Campbell
Joyce Melamed

Superintendent of Instruction
Peter Gamwell

Enrolment
1340

Format
Semestered

	Grade 9	Grade 10	Grade 11	Grade 12
Arts				
Dramatic Arts	ADA10	ADA20	ADA3M	ADA4M
Dramatic Arts — Production		ADD20	ADD3M	ADD4M
Music — Repertoire	AMR10	AMR20	AMR3M	AMR4M
Music — Instrumental	AMI10	AMI20	AMI3M	AMI4M
Music — Guitar* (offered every second year)		AMG20	AMG30*	
Dance	ATC10	ATC20	ATC3M	ATC4M
Visual Arts	AVI10	AVI20	AVI3M	AVI4M
Visual Arts — Drawing and Painting				AWM4M
Visual Arts — Photography			AWQ3M	AWQ4M
Visual Arts — Film/Video			AWR3M	AWR4M
Business Studies				
Financial Accounting Fundamentals			BAF3M	
Financial Accounting Principles				BAT4M
Introduction to Business		BBI20		
Entrepreneurship: The Venture			BDI3C	
Marketing: Goods, Services, Events			BMI3C	
Business Leadership: Management Fundamentals				BOH4M
Information and Communication Technology in Business	BTT10(F)			
International Business				BBB4M
Canadian and World Studies				
Geography of Canada — Academic	CGC1D(F)			
Geography of Canada — Applied	CGC1P			
Canadian and World Issues: A Geographic Analysis				CGW4U
Canadian History in the Twentieth Century — Academic		CHC2D(F)		
Canadian History in the Twentieth Century — Applied		CHC2P		
Civics (0.5 credit)		CHV20(F)		
Twentieth-Century History: Global and Regional Perspectives			CHT30	
World History to the Sixteenth Century			CHW3M	
World History: The West and the World				CHY4U
Canadian and International Law				CLN4U
Understanding Canadian Law			CLU3M	
Canadian and World Politics				CPW4U
Classical Studies and International Languages				
Spanish		LWSBD		
Computer Studies				
Introduction to Computer Studies		ICS20		
Computer Science			ICS3U	ICS4U

If present, the sixth character in a course code provides additional information. For example: E — Enriched; G — Gifted; S — Sheltered; F — Language of Instruction is French; I — Gifted Immersion; R — Advanced Placement (AP); H — AP Taught in French. See page 7 for details.

	Grade 9	Grade 10	Grade 11	Grade 12
Cooperative Education				
For more information, see page 176 or contact Student Services or Cooperative Education teachers.				
English				
English — Academic	ENG1D	ENG2D(E)		
English — Applied	ENG1P	ENG2P		
English — Essentials	ENG1L			
English — University			ENG3U(E)	ENG4U(E)
English — College			ENG3C	ENG4C
The Writer's Craft				EWC4U
French as a Second Language				
Core French — Academic, University	FSF1D	FSF2D	FSF3U	FSF4U
Core French — Applied	FSF1P			
French Immersion	FIF1D	FIF2D	FIF3U	FIF4U
Guidance and Career Education				
Career Studies (0.5 credit)		GLC20(F)		
Peer Support			GPP30	
Health and Physical Education				
Outdoor Activities		PAD20	PAD30	PAD40
Recreation and Fitness Leadership				PLF4C
Healthy Active Living Education — Co-ed			PPL30	PPL40
Personal Fitness — Male				PAF40Q
Personal Fitness — Female			PAF30P	PAF40P
Healthy Active Living Education — Female	PPL10P	PPL20P		
Healthy Active Living Education — Male	PPL10Q	PPL20Q		
Exercise Science				PSE4U
Interdisciplinary Studies				
World Cultures				IDC4U1
LINK Crew			IDC30	
Mathematics				
Foundations of Mathematics — Essentials	MAT1L	MAT2L		
Foundations of Mathematics — Applied	MFM1P	MFM2P		
Principles of Mathematics — Academic	MPM1D	MPM2D(E)		
Foundations for College Mathematics			MBF3C	
Functions and Applications — University/College			MCF3M	
Functions — University			MCR3U	
Mathematics for Work and Everyday Life			MEL3E	
Foundations for College Mathematics				MAP4C

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	Grade 9	Grade 10	Grade 11	Grade 12
Advanced Functions				MHF4U
Mathematics for College Technology				MCT4C
Mathematics of Data Management				MDM4U
Calculus and Vectors				MCV4U
Science				
Science — Academic	SNC1D(F)	SNC2D(F)		
Science — Applied	SNC1P	SNC2P		
Biology — College			SBI3C	
Biology — University			SBI3U	SBI4U
Chemistry — College				SCH4C
Chemistry — University			SCH3U	SCH4U
Physics — University			SPH3U	SPH4U
Social Sciences and Humanities				
World Religions: Beliefs, Issues, and Religious Traditions			HRT3M	
Living and Working with Children			HPW3C	
Introduction to Anthropology, Psychology, and Sociology			HSP3M(F)	
Issues in Human Growth and Development				HHG4M
Individuals and Families in a Diverse Society				HHS4M
Challenge and Change in Society				HSB4M
Technological Education				
Exploring Technologies	TIJ10			
Construction Technology		TCJ20	TCJ3C	TCJ4C
Construction Projects — SHSM Program (located off site)			TCJ3C0	TCJ4C0
Technological Design		TDJ20	TDJ3M	TDJ4M
Communications Technology		TGJ20	TGJ3M	TGJ4M
Communication Technology — Digital Imagery and Web Design				TGJ40
Manufacturing Technology		TMJ20	TMJ3E	TMJ4E
Transportation Technology		TTJ20	TTJ3C	TTJ4C
Computer Engineering Technology		TEJ20		
Computer Engineering			TEJ3M	TEJ4M
Communication Technology — Print and Graphic Communications (Yearbook)			TGG3M	TGG4M

Focus and Specialist High Skills Major Programs

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eLearning Courses

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Prerequisite Charts

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Course Descriptors

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To select your courses for 2011–2012 please click on the following link — <https://webapps.ocdsb.ca/twebcr>.

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West Carleton Secondary School

3088 Dunrobin Road
Dunrobin, ON K0A 1T0

Description

General Information

West Carleton Secondary School serves a large geographical area in Ottawa's western region encompassing Carp, Fitzroy Harbour, Constance Bay, and north Kanata. We enjoy a beautiful location on 43 hectares (107 acres) of field, wetland, and forest shared with the Bill Mason Outdoor Education Centre, an OCDSB outdoor education and environmental studies centre.

Goals

West Carleton Secondary School staff is committed to providing a complete program to all students, permitting students to pursue all academic interests and post secondary options. We are committed to character education creating a respectful, positive environment that welcomes and celebrates success, diversity, healthy lifestyle choices, good citizenship, and purposeful, honourable behaviour. We work to ensure that our students are provided with all available resources to support academic achievement and all possible opportunities to pursue their future dreams.

Special Programs

West Carleton prepares students for university, college, apprenticeships, and the workplace by offering a full range of courses including French Immersion, Cooperative Education, Outdoor Education, Peer Tutoring, Police and Fire Protection (unique to West Carleton), Business Studies and, Integrated and Communication Technology programs. Grade 9 students benefit from the transition program called LINK Crew. Depending on their pathway, students can earn an Extended or French Immersion Certificate.

Our Fine Arts Program includes Instrumental Music, Guitar, Dance, Drama, Visual Arts, Photography, and Computer Art. Students can obtain Special Achievement certificates in Business, Fine Arts, and Technology. Our Innovative Technology Program provides access to fully equipped Wood and Auto shops as well as a Communication Technology Lab. The full semester, four-credit Construction Projects can be

used towards obtaining a Specialist High Skills Major (SHSM) in Construction. New this year is a modern Exploring and Technology Lab for the grade 9s. The International Advanced Placement Program (AP) is expanding and is currently offering exams in French Literature allowing students to receive equivalent credits for first year courses at most universities in Canada and the world.

Highlights

- Fully equipped technology areas including transportation and construction facilities, several high-speed computer labs, and Smart Board technology in many rooms including one in every math classroom and science classroom.
- Computer digital router for the wood shop.
- Grade 9 Mathematics EQAO results are the highest in the Ottawa area for the past three years.
- West Carleton has consistently been higher than the OCDSB average for the Literacy Test.
- Two modern gyms, a fully equipped weight room, a popular rock climbing wall (unique to West Carleton), a professional dance studio, 43 hectares (107 acres) of forest and wetland are available for use by all subject areas.
- Senior Biology students go on a field trip to study Marine Biology in New Brunswick at the Huntsman Marine Institute.
- Our students participate in an annual trip to Europe for course enrichment in Languages, History, Geography, and the Arts.
- Students benefit from a wide range of co-curricular activities including interscholastic sports teams with numerous championship teams over the years including our Girls Soccer Team who competed at OFSAA (Ontario Championship) in June 2009.

School Info

Phone

613-832-2773

Fax

613-832-0412

www.westcarletonss.ca

Principal

Colin Anderson

Vice-principals

Denise Croteau

Ken MacQueen

Superintendent of

Instruction

Jill Bennett

Enrolment

940

Format

Semestered

	Grade 9	Grade 10	Grade 11	Grade 12
Arts				
Dance	ATC10	ATC20	ATC3M	ATC4M
Dramatic Arts	ADA10	ADA20	ADA3M	ADA4M
Music (Intermediate)	AMU10	AMU20	AMU3M	AMU4M
Guitar		AMG20	AMG30	
Visual Arts	AVI10(F)	AVI20(F)	AVI3M	AVI4M
Media Arts		ASM20		
Visual Arts Computer			AWS30	
Visual Arts Photography				AWQ4M
Musical Theatre — Dance (must choose MT Drama)			ATU3M	ATU4M
Musical Theatre — Drama (must choose MT Dance)			ADB3M	ADB4M
Business Studies				
Information and Communication Technology in Business	BTT10(F)			
Introduction to Business		BBI20		
Financial Accounting Fundamentals			BAF3M	
Financial Accounting Principles				BAT4M
Entrepreneurship: The Venture			BDI3C	
Business Leadership: Management Fundamentals				BOH4M
Canadian and World Studies				
Geography of Canada — Academic	CGC1D(F)			
Geography of Canada — Applied	CGC1P			
Physical Geography: Patterns, Processes, and Interactions			CGF3M	
Canadian History Since World War I — Academic		CHC2D(F)		
Canadian History Since World War I — Applied		CHC2P		
Civics (0.5 credit)		CHV20(F)		
Canadian and World Issues				CGW4U
Understanding Canadian Law			CLU3M	
Canadian and International Law				CLN4U
World History to Sixteenth Century			CHW3M	
World History — The West and the World				CHY4U
World History — The West and the World				CHY4C
World Politics				CPW4U
Classical Studies and International Languages				
Spanish		LWSBD		
Computer Studies				
Introduction to Computer Studies		ICS20		
Computer Science			ICS3U	ICS4U

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	Grade 9	Grade 10	Grade 11	Grade 12
Cooperative Education				
Cooperative Education			COP3AD	COP4AD
For more information, go to page 176, contact Student Services or Cooperative Education teachers.				
English				
English — Academic	ENG1D	ENG2D	ENG3U	ENG4U
English — Applied	ENG1P	ENG2P	ENG3C	ENG4C
Media Studies			EMS30	
The Writer's Craft				EWC4U
French as a Second Language				
Core French: Academic	FSF1D	FSF2D	FSF3U	FSF4U
Core French: Applied	FSF1P			
Immersion French	FIF1D	FIF2D	FIF3U	FIF4U
Guidance and Career Education				
Learning Strategies	GLS10			
Learning Strategies	GLE10			
Career Education		GLC20(F)		
Leadership and Peer Support — Peer Tutoring			GPP30(F)	
Health and Physical Education				
Health and Physical Education — Female	PPL10P	PPL20P	PPL30P	PPL40P
Health and Physical Education — Male	PPL10Q	PPL20Q	PPL30Q	PPL40Q
Outdoor Education		PAD20	PAD30	
Exercise Science				PSE4U
Athletic Leadership				PLF4C
Interdisciplinary Studies				
Police Services and Fire Protection				IDP40
Yearbook			IDC30U	
Mathematics				
Principles of Mathematics — Academic	MPM1D	MPM2D		
Principles of Mathematics — Applied	MFM1P	MFM2P		
Functions and Applications — University/College			MCF3M	
Foundations for College Mathematics			MBF3C	
Mathematics for Work and Everyday Life			MEL3E	MEL4E
Functions — University			MCR3U	
Calculus and Vectors				MCV4U
Advanced Functions				MHF4U
Math of Data Management				MDM4U
Foundations for College Mathematics				MAP4C

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	Grade 9	Grade 10	Grade 11	Grade 12
Science				
Science — Academic	SNC1D(F)	SNC2D(F)		
Science — Applied	SNC1P	SNC2P		
Biology — University			SBI3U	SBI4U
Biology — College			SBI3C	
Chemistry — University			SCH3U(F)	SCH4U
Chemistry — College				SCH4C
Physics — University			SPH3U	SPH4U
Environmental Science — University/College			SVN3M	
Earth and Space Science				SES4U
Social Sciences and Humanities				
Food and Nutrition		HFN20		
Personal Resources			HIR3C	
Challenge and Change in Society				HSB4M
Introduction to Anthropology, Psychology, and Sociology			HSP3M	
Philosophy: The Big Question			HZB30	
Parenting and Human Development			HPC30	
Gender Studies			HSG3M	
Individuals and Families				HHS4M
World Religion				HRF4M
Technological Education				
Integrated Technology	TIJ10			
Construction Technology		TCJ20		
Custom Woodworking			TWJ3E	TWJ4E
Hospitality and Tourism			TFJ3C	
Communication Technology — Open, University, College		TGJ20	TGJ3M	TGJ4M
Transportation Technology		TTJ20	TTJ3C	TTJ4C
Construction Projects SHSM Program				TCJ4C0

Focus and Specialist High Skills Major Programs

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eLearning Courses

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Prerequisite Charts

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Course Descriptors

Pages 162-208

To select your courses for 2011–2012 please click on the following link — <https://webapps.ocdsb.ca/twebcr>.

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Woodroffe High School

2410 Georgina Drive
Ottawa, ON K2B 7M8

Description

General Information

The home of the TIGERS and a community of character is what makes Woodroffe High School (WHS) a progressive community which values respect, diversity, and the pursuit of excellence. Students develop a global perspective through an interconnected and inclusive curriculum designed to facilitate critical thinking, problem-solving, and articulation of thought.

Goals

Students acquire the skills for success at university, college, or the workplace through a curriculum designed to facilitate critical thinking, problem-solving, and communication skills.

Special Programs

WHS has a full selection of academic and applied courses. Enriched courses are offered in English and Mathematics. Students may also enrol in the French Immersion and Spanish programs. English as a Second Language (ESL) and English Language Development (ELD) courses of study are also available. Our extensive Arts Program includes Dramatic Arts, Instrumental and Vocal Music, Music Theatre, Visual Arts, and Dance. We also have an extensive Cooperative Education Program.

Highlights

- Music, Drama, Dance, and Visual Arts studios including a dedicated Mystery Painting room. Fine Arts students can acquire The Woodroffe Arts Letter by completing six Arts credits, drawing from at least two Arts disciplines, and participating in six co/extra-curricular Arts programs.
- Up-to-date facilities in the areas of Woodworking/Construction, Automotive, Technological Design, and Communications Technology.
- Woodroffe's International Studies Certificate is one example of global partnerships and opportunities available to students and staff.
- Three gyms, tennis courts, two full-size playing fields, track, baseball diamond, access to the Ottawa River Parkway green space, and an 800-seat auditorium.
- International diplomats, student ambassadors, multicultural liaison officer, the WHS Helping Paw Centre (on-site medical and counselling services), and the Pinecrest Queensway Health Centre's Pathways to Education Program.

School Info

Phone

613-820-7186

Fax

613-820-5993

www.woodroffehs.com

Principal

Renald Cousineau

Vice-principals

Lynn Campbell
Tracy Shapiro

Superintendent of

Instruction
Frank Wiley

Enrolment

860

Format

Semestered

	Grade 9	Grade 10	Grade 11	Grade 12
Arts				
Dramatic Arts — Open, Sheltered	ADA10(S)	ADA20	ADA30	ADA4M
Dance	ATC10	ATC20	ATC30	ATC4M
Music (beginner or little experience)	AMU101			
Music	AMU10	AMU20		AMU4M
Music Repertoire Concert Band ***	AMR10	AMR20	AMR30	AMR4M
Music — Small Ensemble			AME3M	AVI4M
Music — Vocal/Choral	AMV10	AMV20	AMV30	
Music — Stage Band ***		AMH20	AMH30	AMH4M
Music — Guitar, Sheltered		AMG20(S)		
Visual Arts — Open, Sheltered	AVI10(S)	AVI20	AVI3M	AVI4M
Visual Arts — Crafts General		AWA20	AWA30	AWA40
Ceramics			AWC3M	
Media Arts			ASM30	
Visual Arts — Drawing and Painting (Portfolio Development) (Restricted enrolment/by approval only.)				AWM4M
Music Theatre		AMT20	AMT30	AMT4M
Business Studies				
Information and Communication Technology in Business	BTT10(S)			
Introduction to Business		BBI20		
Financial Accounting Fundamentals			BAF3M	
Marketing: Goods, Services, Events			BMI3C	
Financial Accounting Principles				BAT4M
Introduction to International Business				BBB4M
Canadian and World Studies				
Geography of Canada — Academic, French, Sheltered	CGC1D(F,S)			
Geography of Canada — Applied, Sheltered	CGC1P(S)			
Canadian History in the Twentieth Century — Academic, French, Sheltered		CHC2D(F,S)		
Canadian History in the Twentieth Century — Applied, Sheltered		CHC2P(S)		
Civics (0.5 credit) — Open, French, Sheltered		CHV20(F,S)		
Regional Geography: Travel and Tourism			CGG30	
World History to the Sixteenth Century			CHW3M	
Understanding Canadian Law			CLU3M	
Canadian and World Issues: A Geographic Analysis				CGW4U
Adventures in World History				CHM4E
World History: The West and the World				CHY4U

** Offered every second year. / *** Offered outside normal school hours.

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	Grade 9	Grade 10	Grade 11	Grade 12
Analyzing Current Economic Issues				CIA4U
Canadian and International Law				CLN4U
Canadian and World Politics				CPW4U
Classical Studies and International Languages				
Spanish		LWSBD	LWSCU	LWSDU
Computer Studies				
Introduction to Computer Studies		ICS20		
Computer Science			ICS3U	ICS4U
Cooperative Education				
For more information, go to page 176, contact Student Services or cooperative Education teachers. A separate application is required.				
English				
English — Academic, Enriched	ENG1D(E)	ENG2D(E)		
English — Applied	ENG1P(S)	ENG2P		
English — Applied (Male)	ENG1PQ			
English — University			ENG3U	ENG4U
English — College			ENG3C	ENG4C
Optional Courses in English, Grades 11 to 12				
Communication in the World of Business and Technology				EBT40
Media Studies			EMS30	
The Writer's Craft				EWC4U
Ontario Secondary School Literacy Course				OLC40
English as a Second Language and English Literacy Development				
Note: Courses are not grade specific. They are determined by the student's level of proficiency.				
English Literacy Development	Level1	ELDAO		
English Literacy Development	Level2	ELDBO		
English Literacy Development	Level3	ELDCO		
English Literacy Development	Level4	ELDDO		
English as a Second Language	Level1	ESLAO		
English as a Second Language	Level2	ESLBO		
English as a Second Language	Level3	ESLCO		
English as a Second Language	Level4	ESLDO		
English as a Second Language	Level5	ESLEO		
French as a Second Language				
Core French — Academic, University	FSF1D	FSF2D	FSF3U	FSF4U
Core French — Applied	FSF1P(S)	FSF2P	FSF3O	
French Immersion	FIF1D	FIF2D	FIF3U	FIF4U

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	Grade 9	Grade 10	Grade 11	Grade 12
Guidance and Career Education				
Learning Strategies 1: Skills for Success in Secondary School — Open, Sheltered (GLE by teacher approval only).				
Career Studies (0.5) — Open; French, Sheltered		GLC20(F,S)		
Peer Tutoring — Open, French (Restricted enrolment/selection by approval only.)			GPP30(F)	
Designing Your Future			GWL30	
Health and Physical Education				
Healthy Active Living Education — Female	PPL10P	PPL20P	PPL30P	PPL40P
Healthy Active Living Education — Male	PPL10Q	PPL20Q	PPL30Q	PPL40Q
Personal and Fitness Activities — Female			PAF30P	PAF40P
Personal and Fitness Activities — Male			PAF30Q	PAF40Q
Outdoor Pursuits		PAD20		
Recreation and Fitness Leadership ***				PLF4C
Exercise Science				PSE4U
Interdisciplinary Studies				
Student Leadership *** (Restricted enrolment/selection by approval only.)			IDC30	
World Perspectives				IDC4U
Mathematics				
Principles of Mathematics — Academic, Enriched, Sheltered	MPM1D(E,S)	MPM2D(E,S)		
Foundations of Mathematics — Applied, Sheltered	MFM1P(S)	MFM2P(S)		
Essentials Mathematics	MAT1L	MAT2L		
Essentials Mathematics — Sheltered	MAT1LS	MAT2LS		
Functions			MCR3U	
Functions and Applications			MCF3M	
Foundations for College Mathematics			MBF3C	
Mathematics for Work and Everyday Life** (2011–2012)				
(2012–2013)			MEL3E**	
Foundations for College Mathematics				MEL4E**
Calculus and Vectors				MCV4U
Mathematics of Data Management				MDM4U
Advanced Functions				MHF4U
Native Studies				
Aboriginal Beliefs, Values, and Aspirations in Contemporary Society			NBV3C	

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	Grade 9	Grade 10	Grade 11	Grade 12
Science				
Science — Academic, French, Sheltered	SNC1D(F,S)	SNC2D(F,S)		
Science — Applied, Sheltered	SNC1P(S)	SNC2P(S)		
Science (Locally Developed; by recommendation only)	SNC1L			
Science (Locally Developed, Sheltered; by recommendation only)	SNC1LS	SNC2LS		
Environmental Science			SVN3M	
Biology — College			SBI3C	
Biology — University			SBI3U	SBI4U
Chemistry — University			SCH3U	SCH4U
Physics — University			SPH3U	SPH4U
Earth and Space Science				SES4U
Chemistry — College				SCH4C
Physics — College** (2011–2012)				SPH4C**
Social Sciences				
Individual and Family Living	HIF10(S)			
Food and Nutrition		HFN20		
Managing Personal Resources			HIP3E	
Parenting			HPC30	
World Religions			HRT3M	
Introduction to Anthropology, Psychology, and Sociology — University/College, French			HSP3M(F)	
Food and Nutrition Sciences				HFA4M
Individuals and Families in a Diverse Society				HHS4M
Issues in Human Growth and Development				HHG4M
Philosophy: Questions and Theories (French)				HZT4UF
Technological Education				
Exploring Technologies — Open, Sheltered	TIJ10(S)			
Construction Technology		TCJ20		
Communications Technology		TGJ20	TGJ3M	TGJ4M
Communications — Yearbook			TGJ3MU	
Technological Design		TDJ20	TDJ3M	TDJ4M
Transportation Technology — Open, Sheltered		TTJ20(S)	TTJ3C	TTJ4C
Transportation Technology — Female			TTJ3CP	
Custom Woodworking			TWJ3E	TWJ4E

Focus and Specialist High Skills Major Programs

Pages 18-23

eLearning Courses

Pages 23-24

Prerequisite Charts

Pages 143-161

Course Descriptors

Pages 162-208

** Offered every second year. / *** Offered outside normal school hours.

If present, the sixth character in a course code provides additional information. For example: E — Enriched; G — Gifted; S — Sheltered; F — Language of Instruction is French; I — Gifted Immersion; R — Advanced Placement (AP); H — AP Taught in French. See page 7 for details.

Course Descriptions Grades 9, 10, 11, 12

The following descriptions apply to grade 9, 10, 11, and 12 courses approved by the Ontario Ministry of Education and offered in the Ottawa-Carleton District School Board. The course descriptions are listed according to the title of the curriculum policy document in which they are found.

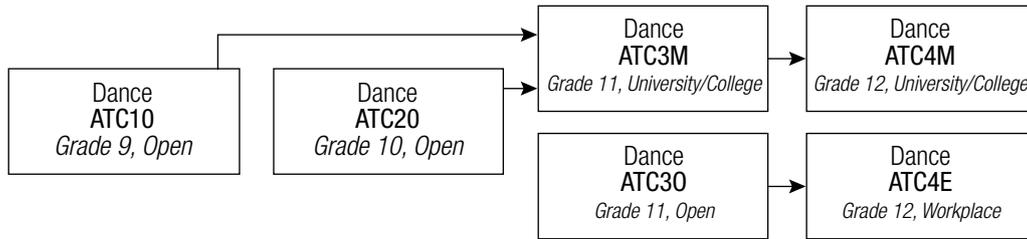
Ontario Curriculum policy documents for each discipline can be found online at www.edu.gov.on.ca/eng/curriculum/secondary.

Since it is not possible for all schools to offer all courses, the school administration decides which courses will be offered in each secondary school; these decisions are based on the needs and interests of the students in each community. If there is insufficient demand for a course in a particular year, it may not be possible to offer the course that year. In that case the students affected will be notified and asked to amend their program choices accordingly.

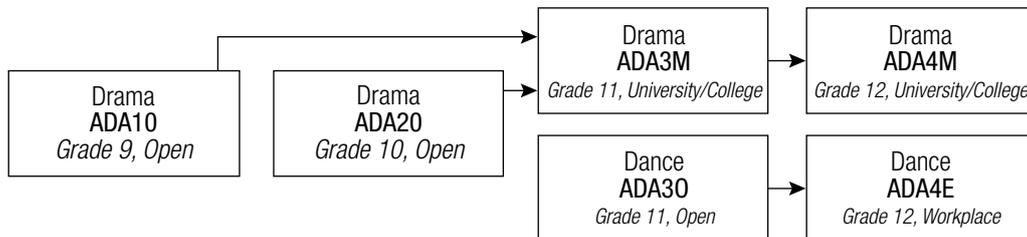


Prerequisite Chart for the Arts, Grades 9 to 12

Dance



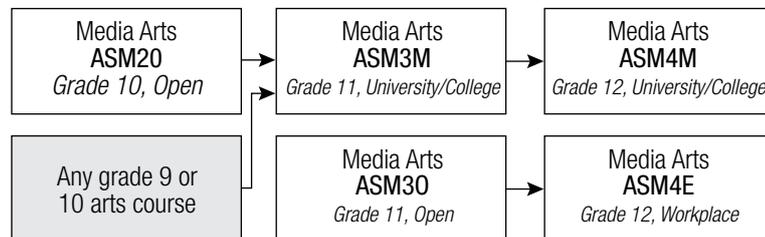
Drama



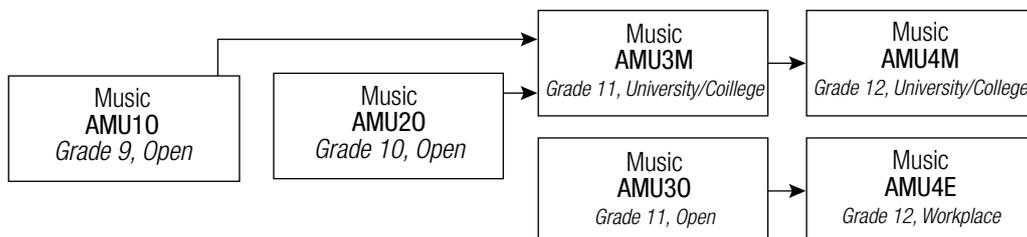
Integrated Arts/Exploring and Creating Arts



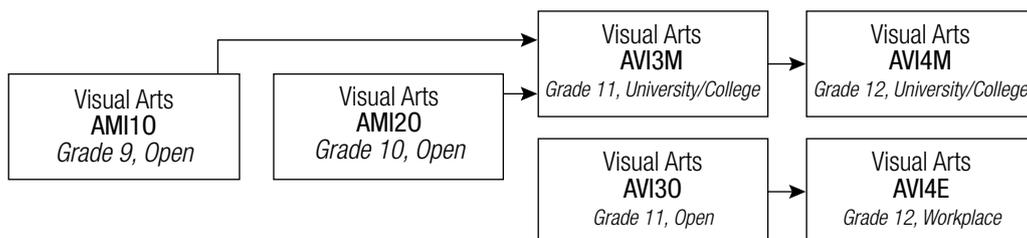
Media Arts



Music

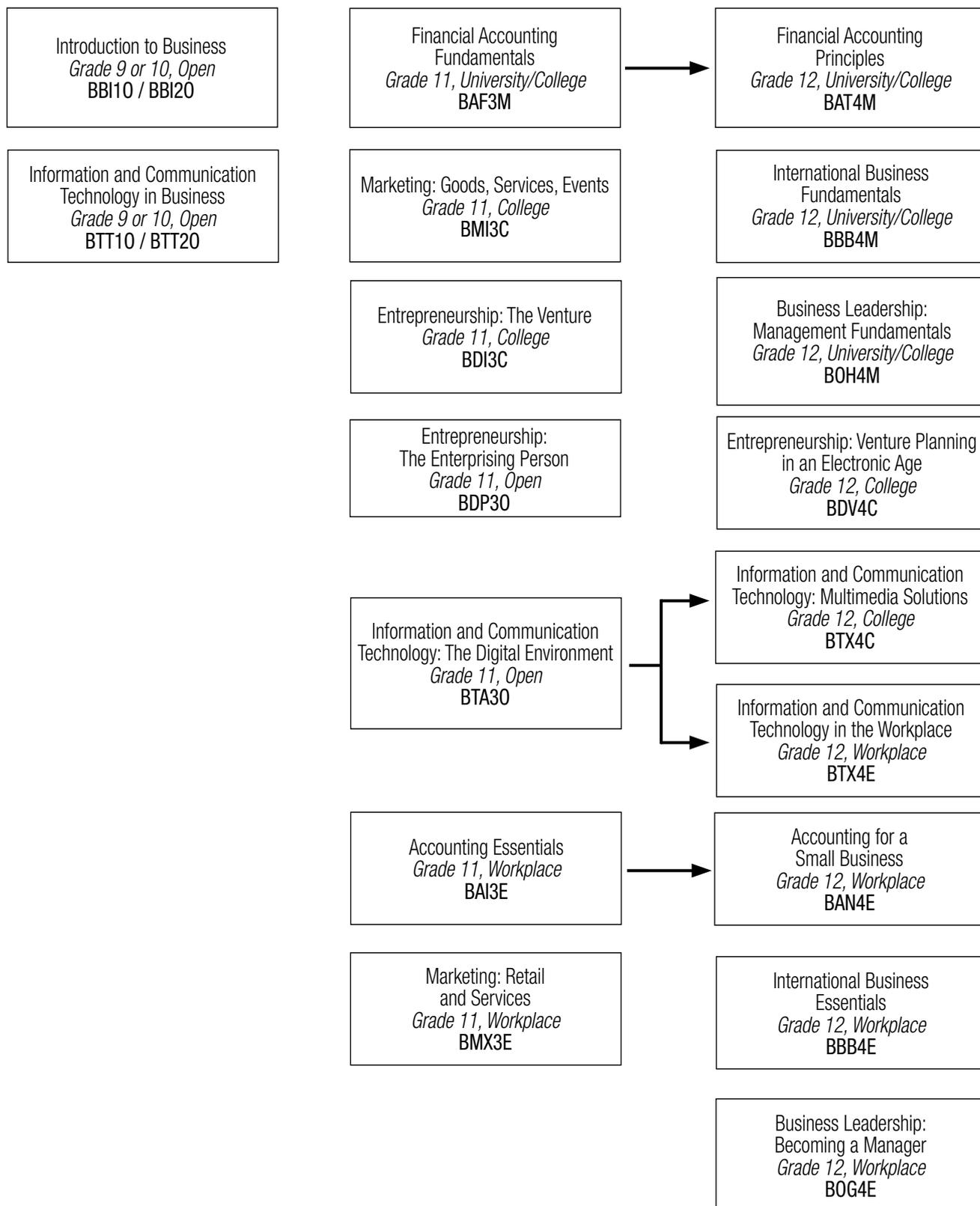


Visual Arts



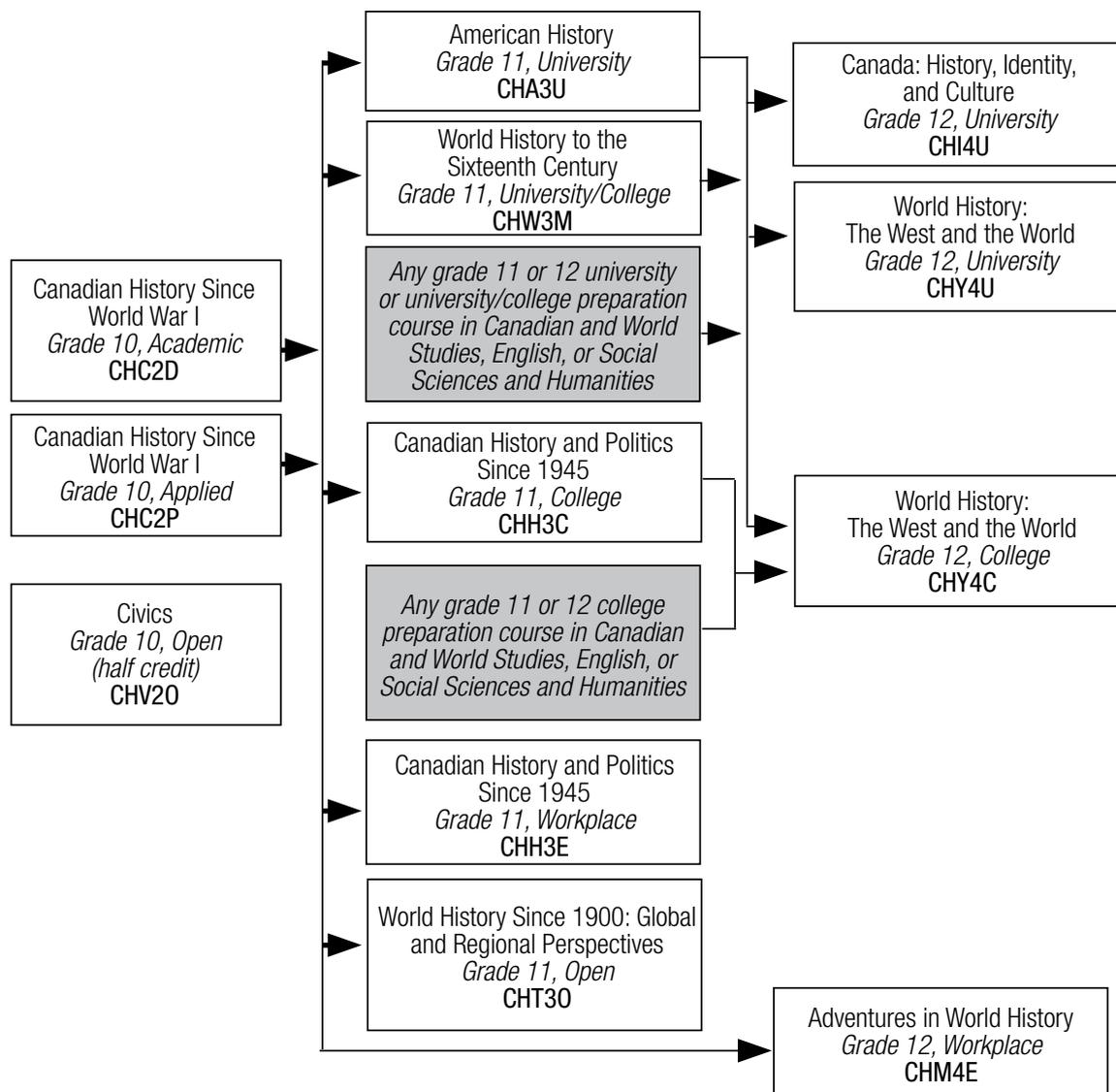
Business Studies

Prerequisite Chart for Business Studies, Grades 9 to 12



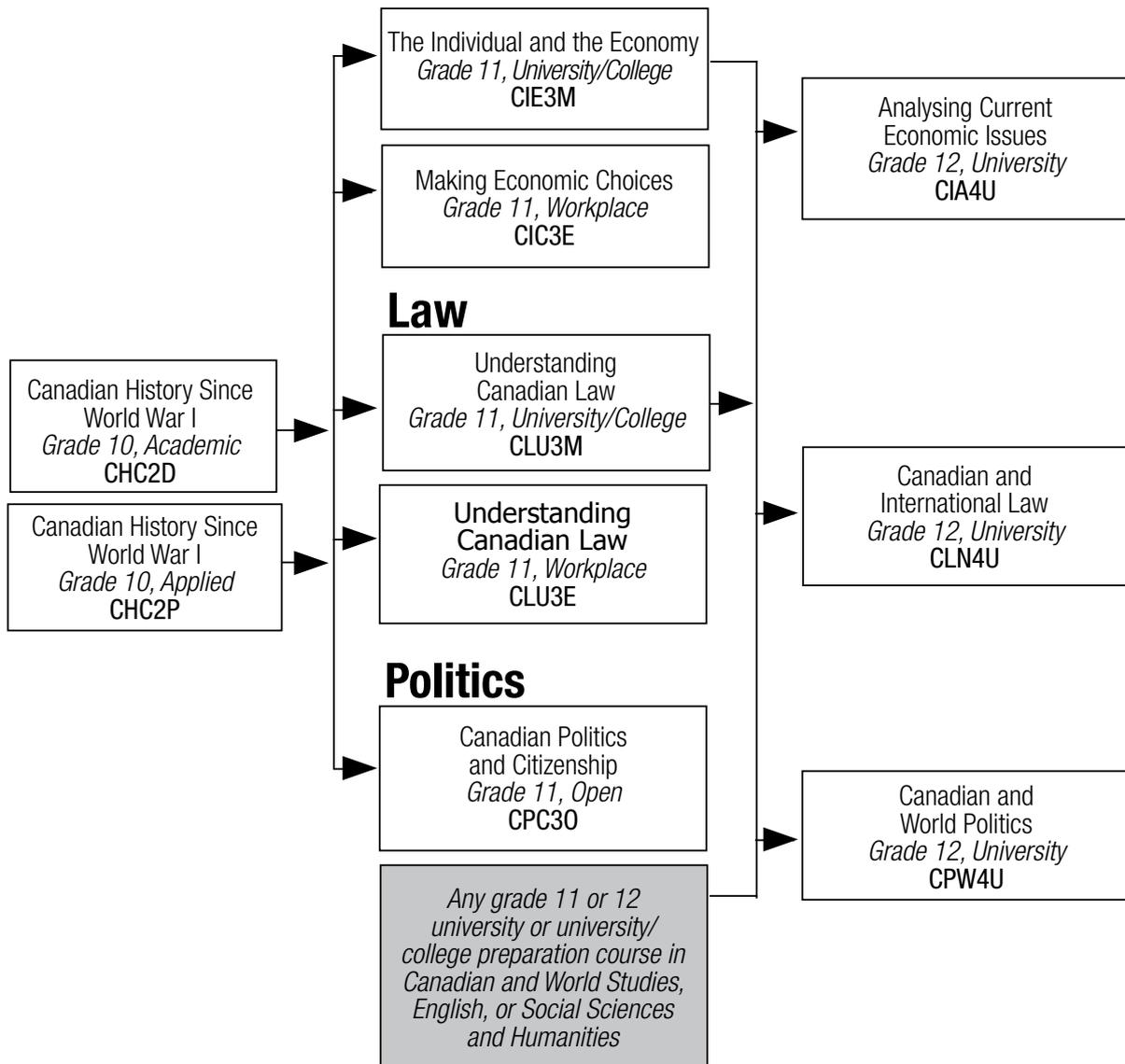
Canadian and World Studies

Prerequisite Chart for Canadian and World Studies, Grades 9 to 12 — History (including Civics)



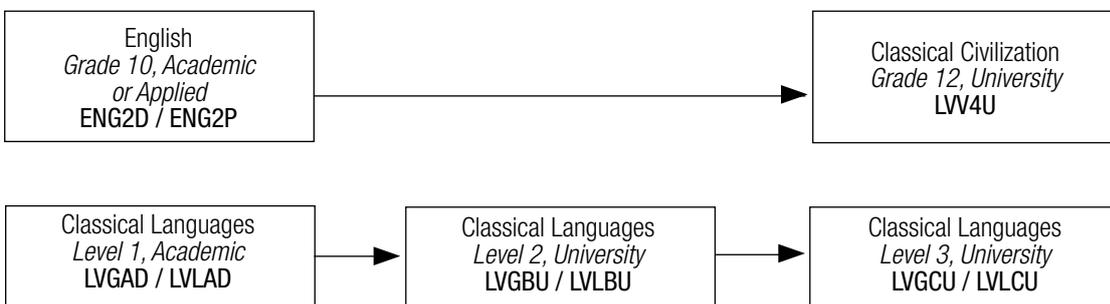
Canadian and World Studies

Prerequisite Chart for Canadian and World Studies, Grades 9 to 12 — Economics, Law, and Politics

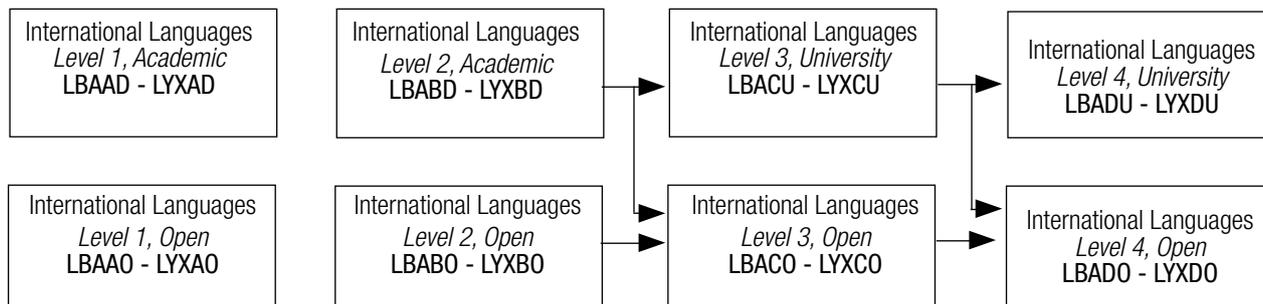


Classical Studies and International Languages

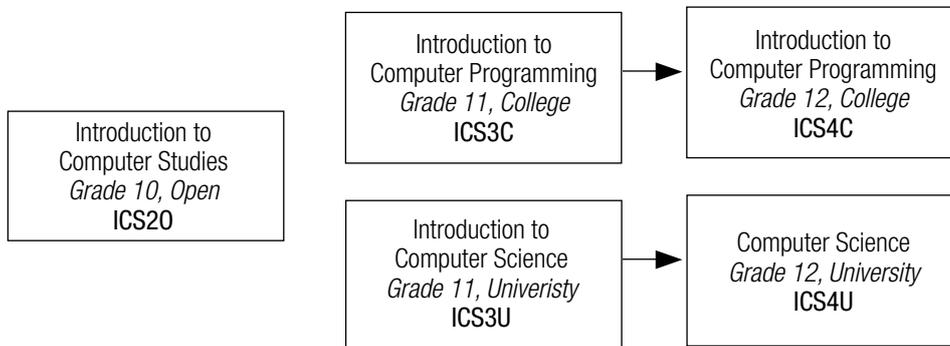
Prerequisite Chart for Classical Studies



Prerequisite Chart for International Languages



Prerequisite Chart for Computer Studies, Grades 9 to 12

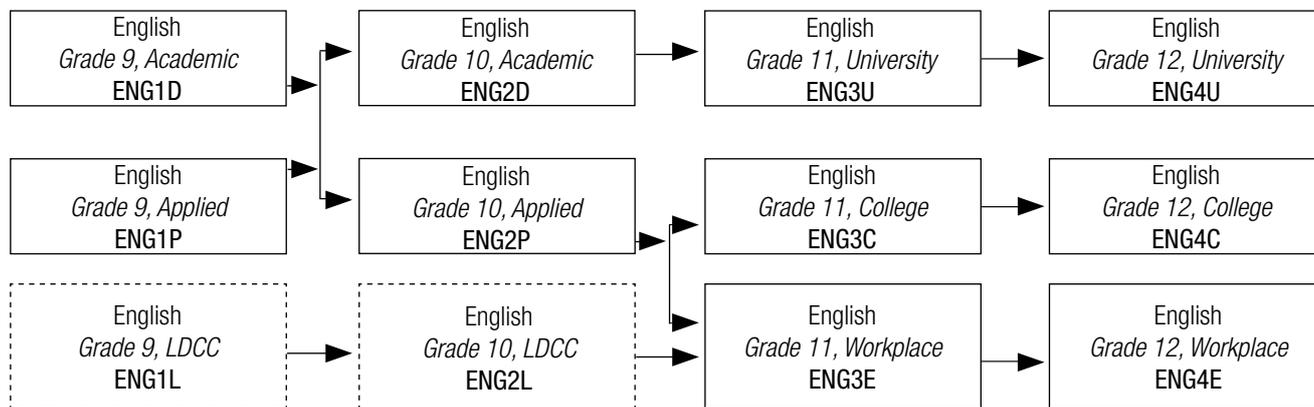


English

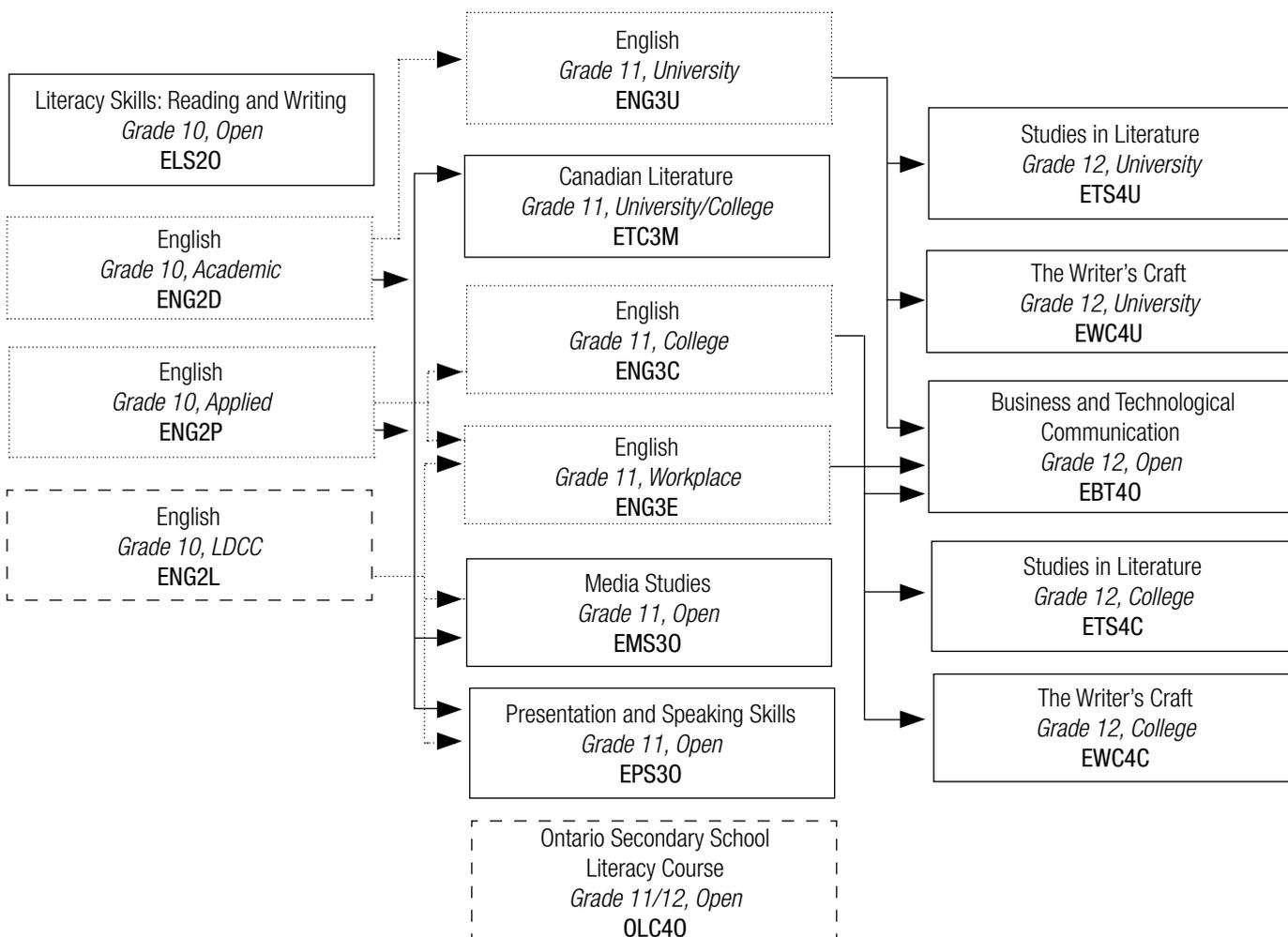
Prerequisite Chart for English, Grades 9 to 12

These charts map out all of the courses in the LINKs between disciplines and show the LINKs between courses and the possible prerequisites for them. They do not attempt to depict all possible movements from course to course.

Compulsory Courses

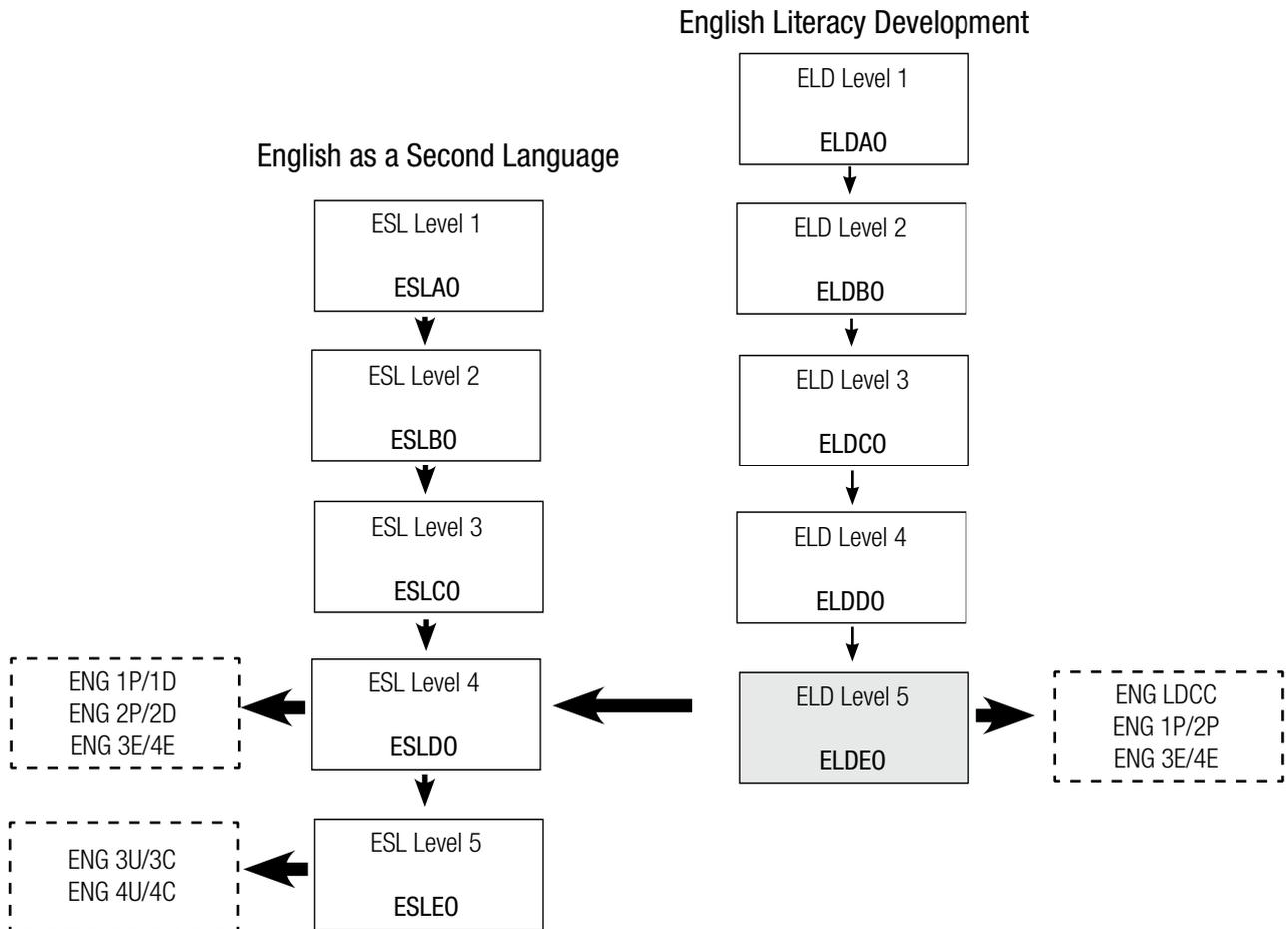


Optional Courses



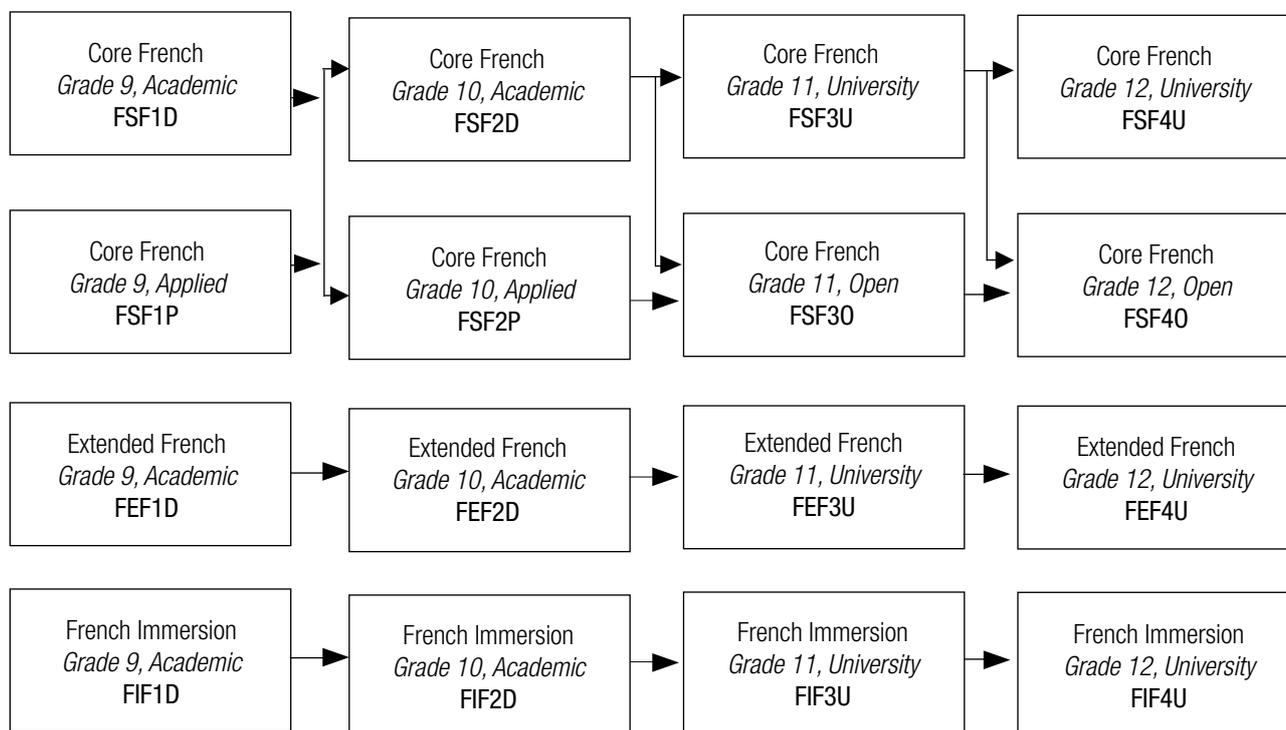
Pathways Chart to English for English as a Second Language(ESL) and English Literacy Development (ELD), Grades 9 to 12

The chart below shows how most students may progress through their ESL and/or ELD courses and into mainstream English courses. Not all students will follow this sequence exactly and individual students may vary in the rate at which they progress through the levels.



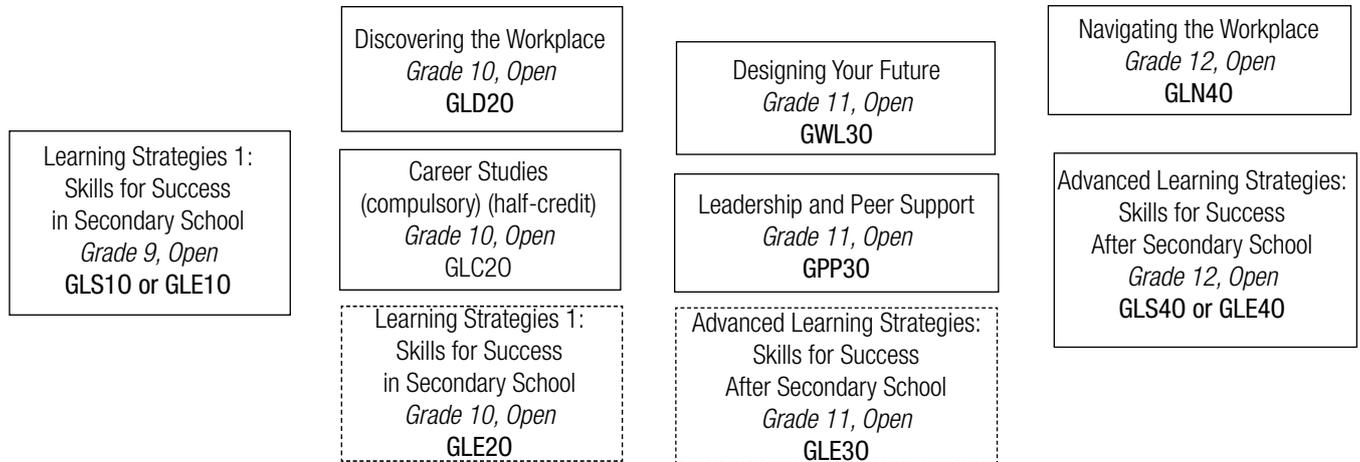
French as a Second Language

Prerequisite Chart for French as a Second Language, Grades 9 to 12



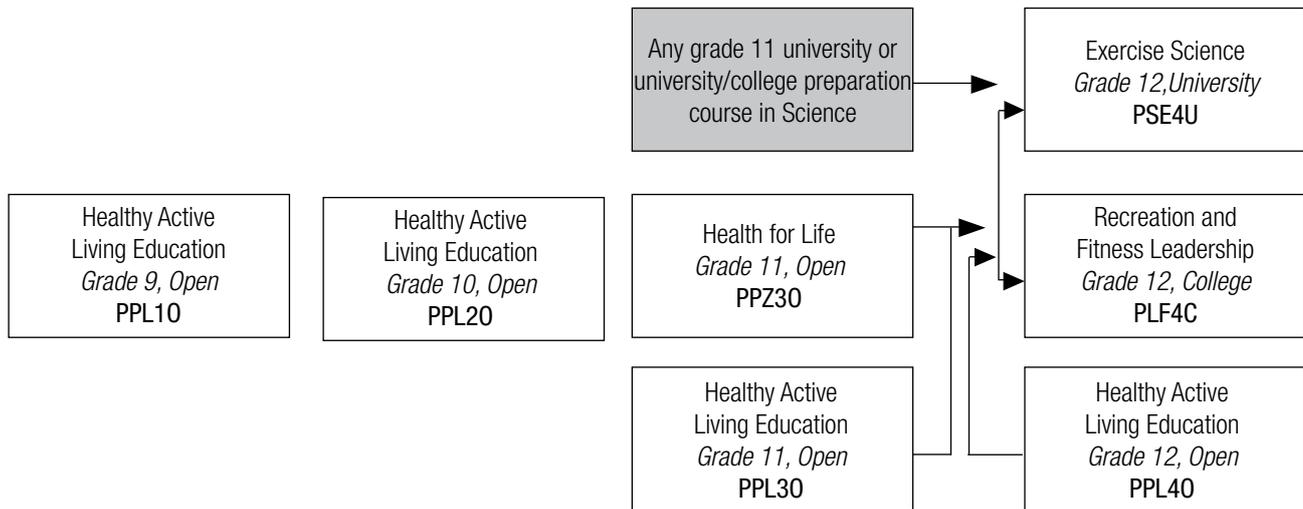
Guidance and Career Education

Prerequisite Chart for Guidance and Career Education, Grades 9 to 12



Health and Physical Education

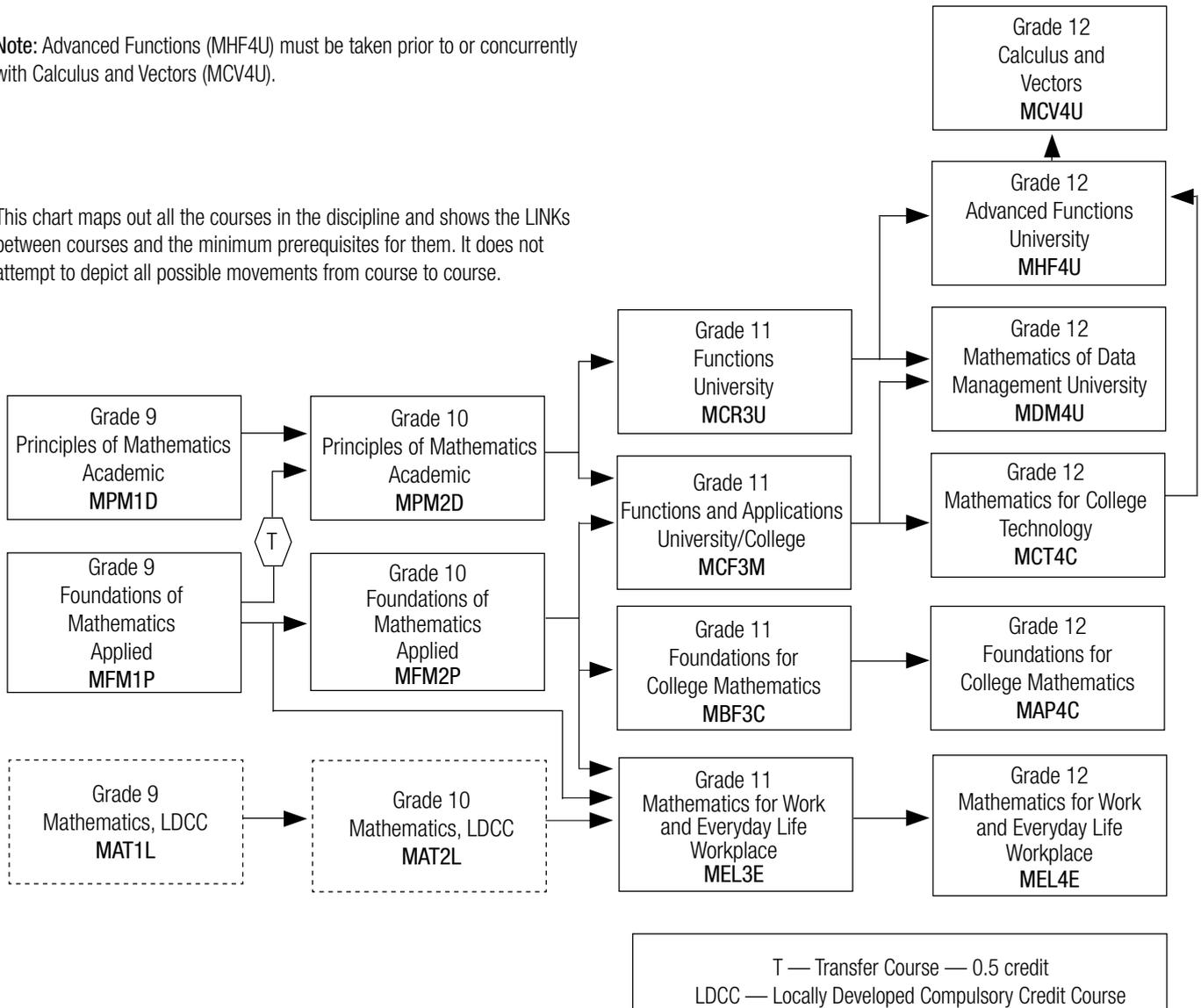
Prerequisite Chart for Health and Physical Education, Grades 9 to 12



Prerequisite Chart for Mathematics, Grades 9 to 12

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

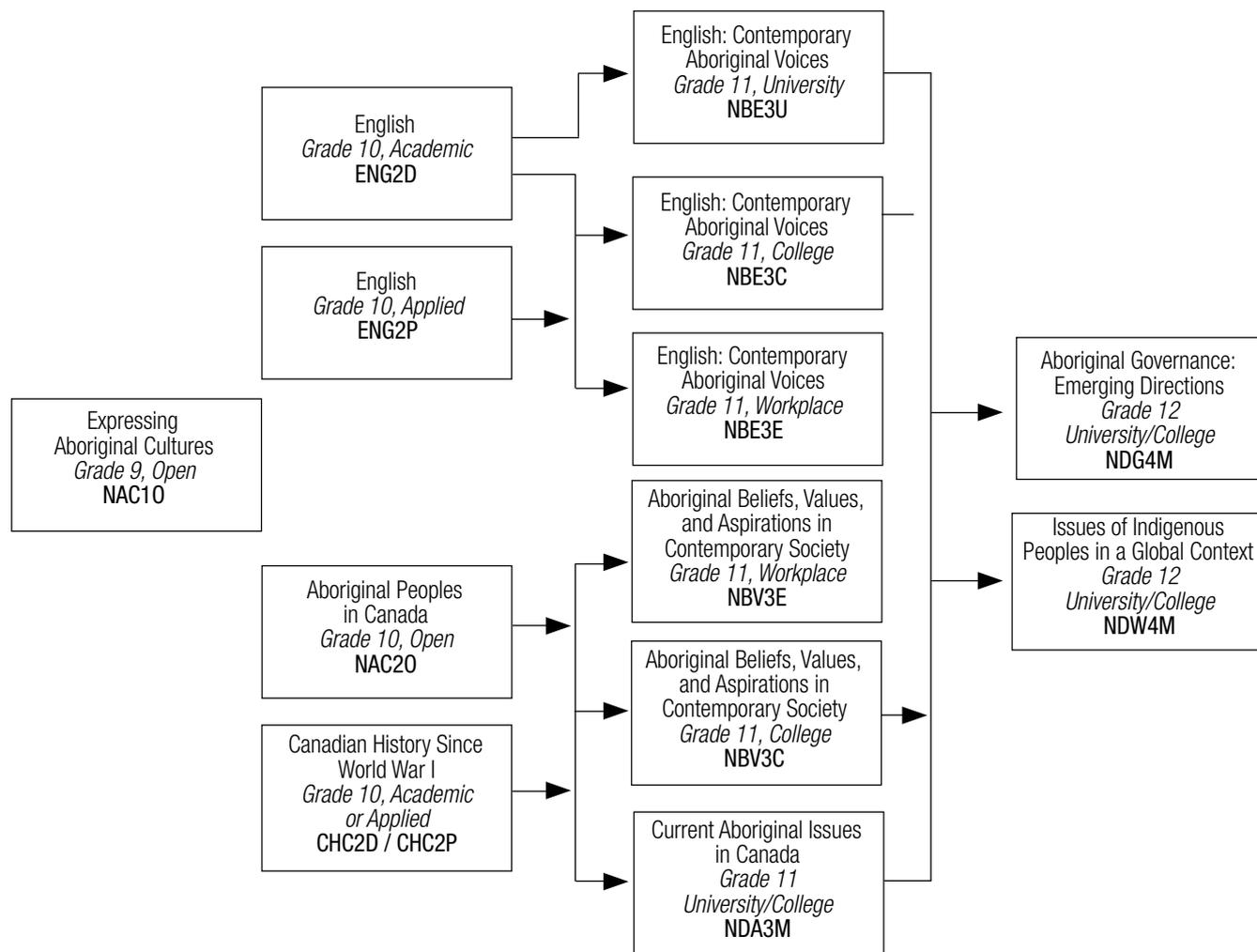
This chart maps out all the courses in the discipline and shows the LINKS between courses and the minimum prerequisites for them. It does not attempt to depict all possible movements from course to course.



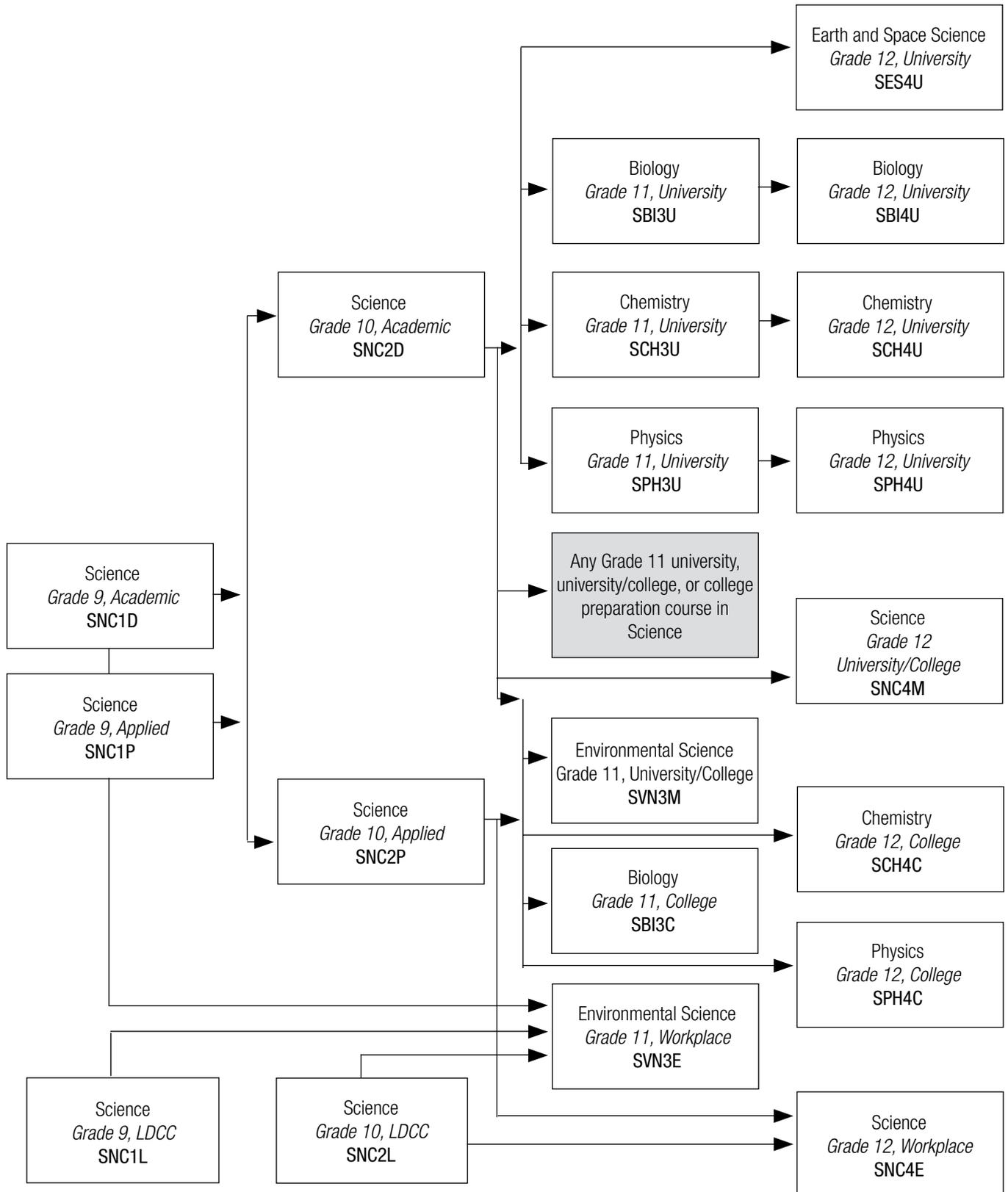
Native Studies

Prerequisite Chart for Native Studies, Grades 9 to 12

Note: Students who take the grade 11 course entitled English: Contemporary Aboriginal Voices (university, college, or workplace preparation) may use the credit earned for this course to meet the grade 11 English compulsory credit requirement.

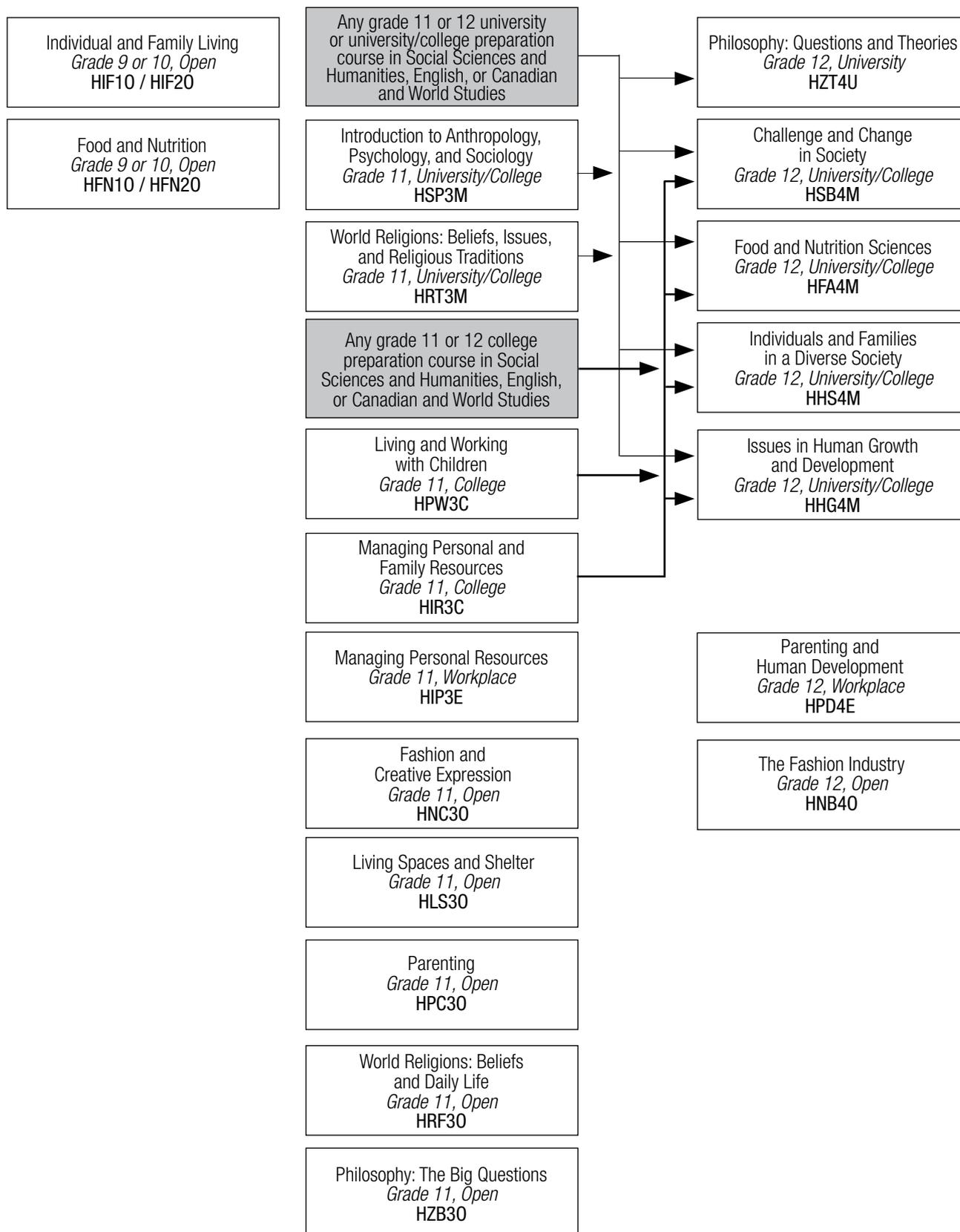


Prerequisite Chart for Science, Grades 9 to 12



Social Sciences and Humanities

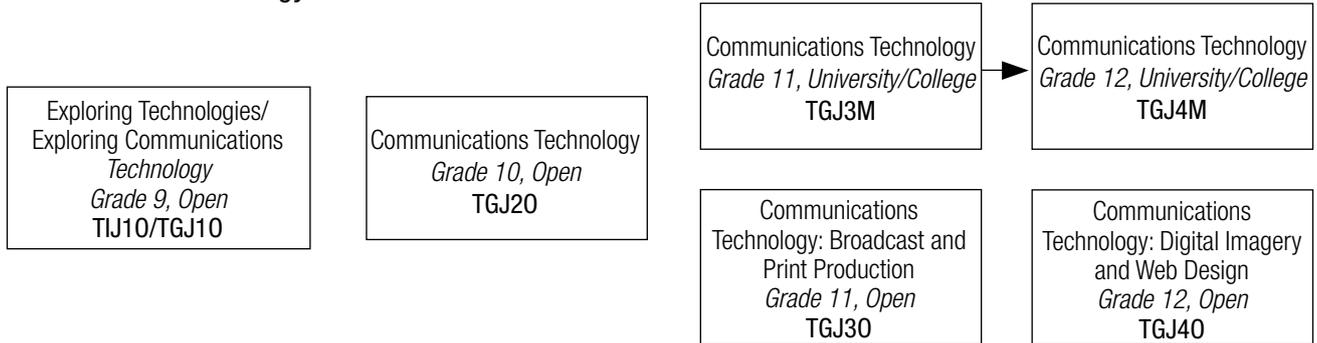
Prerequisite Chart for Social Sciences and Humanities, Grades 9 to 12



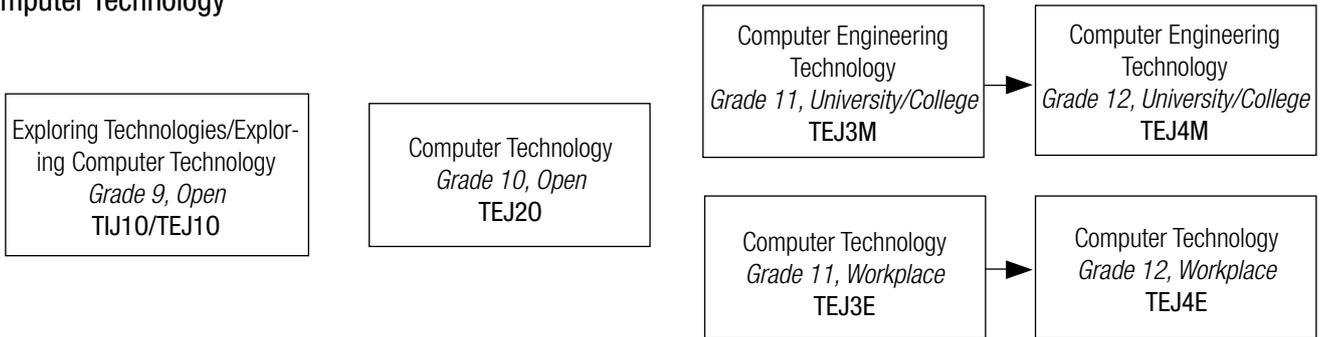
Technological Education

Prerequisite Charts for Technological Education, Grades 9 to 12

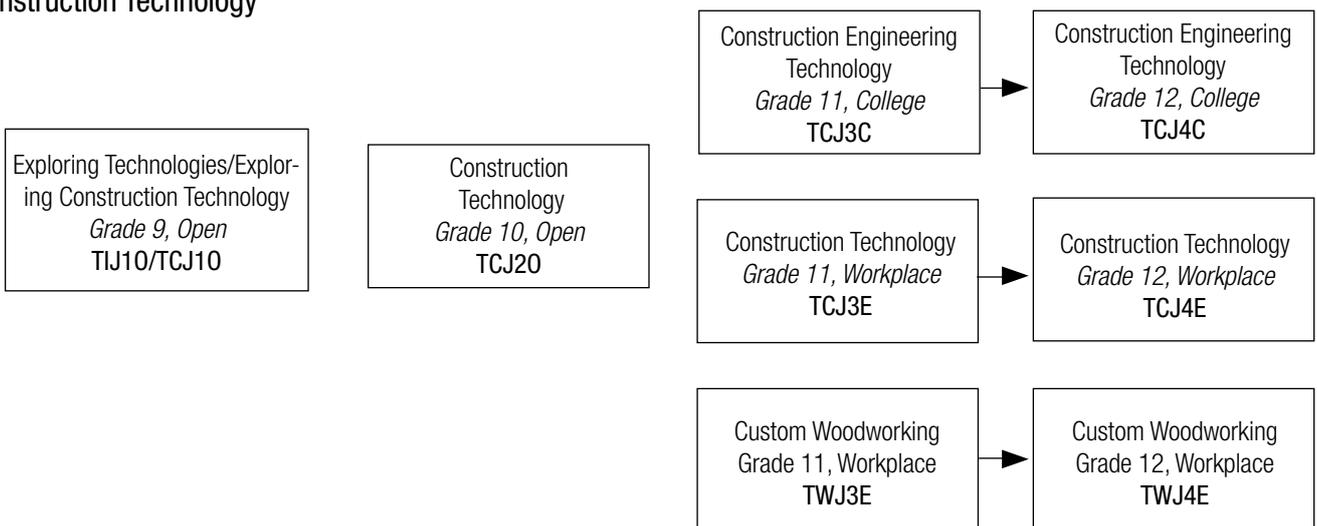
Communications Technology



Computer Technology



Construction Technology



Technological Education

Green Industries

Exploring Technologies/
Exploring Green Industries
Grade 9, Open
TIJ10/THJ10

Green Industries
Grade 10, Open
THJ20

Green Industries
Grade 11, University/College
THJ3M

Green Industries
Grade 12, University/College
THJ4M

Green Industries
Grade 11, Workplace
THJ3E

Green Industries
Grade 12, Workplace
THJ4E

Hairstyling and Aesthetics

Exploring Technologies/
Exploring Hairstyling and
Aesthetics
Grade 9, Open
TIJ10/TXJ10

Hairstyling and Aesthetics
Grade 10, Open
TXJ20

Hairstyling and Aesthetics
Grade 11, Workplace
TXJ3E

Hairstyling and Aesthetics
Grade 12, Workplace
TXJ4E

Healthcare

Exploring Technologies/
Exploring Health Care
Grade 9, Open
TIJ10/TPJ10

Health Care
Grade 10, Open
TPJ20

Health Care
*Grade 11,
University/College*
TPJ3M

Health Care
*Grade 12,
University/College*
TPJ4M

Health Care
Grade 11, College
TPJ3C

Health Care
Grade 12, College
TPJ4C

Child Development and
Gerontology
Grade 12, College
TOJ4C

Health Care:
Support Services
Grade 12, Workplace
TPJ4E

Hospitality and Tourism

Exploring Technologies/
Exploring Hospitality
and Tourism
Grade 9, Open
TIJ10/TFJ10

Hospitality and Tourism
Grade 10, Open
TFJ20

Hospitality and Tourism
Grade 11, College
TFJ3C

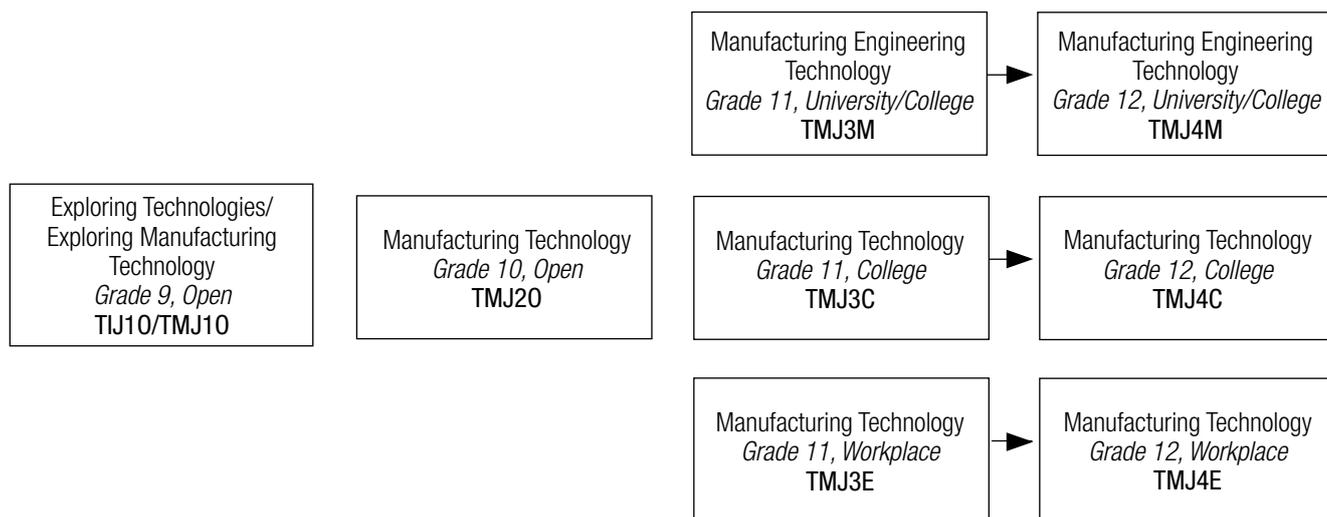
Hospitality and Tourism
Grade 12, College
TFJ4C

Hospitality and Tourism
Grade 11, Workplace
TFJ3E

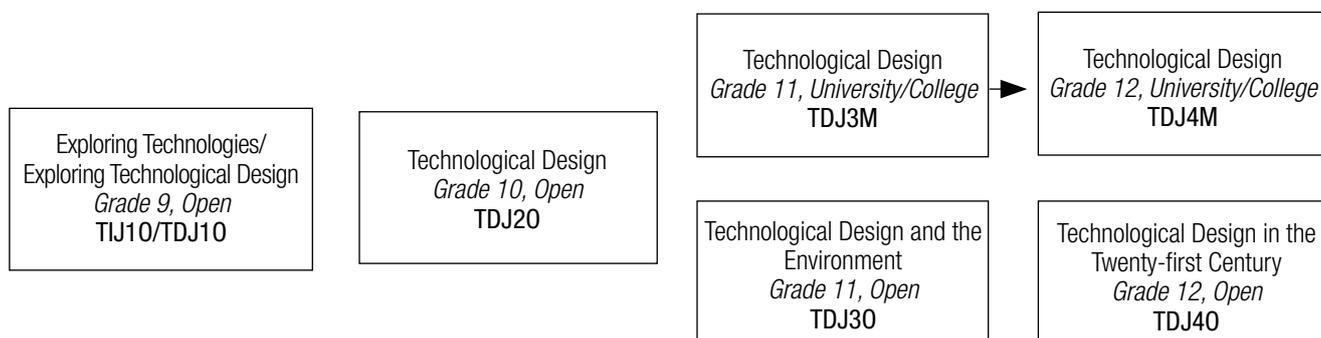
Hospitality and Tourism
Grade 12, Workplace
TFJ4E

Technological Education

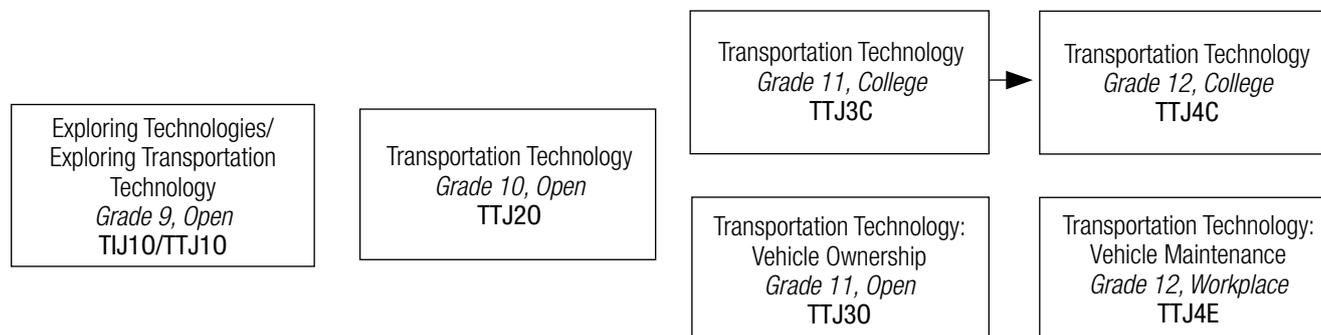
Manufacturing Technology



Technological Design



Transportation Technology



Dance

ATC10 Dance, Grade 9, Open

This course gives students the opportunity to explore their technical and compositional skills by applying the elements of dance and the tools of composition in a variety of performance situations. Students will generate movement through structured and unstructured improvisation, demonstrate an understanding of safe practices with regard to themselves and others in the dance environment, and identify the function and significance of dance within the global community.

Prerequisite: None

ATC20 Dance, Grade 10, Open

This course emphasizes the development of students' technique and creative skills relating to the elements of dance and the tools of composition in a variety of performance situations. Students will identify responsible personal and interpersonal practices related to dance processes and production and will apply technologies and techniques throughout the process of creation to develop artistic scope in the dance arts.

Prerequisite: None

ATC30 Dance, Grade 11, Open

This course emphasizes the development of students' movement vocabulary relating to global dance genres and of their understanding of the elements of dance and the tools of composition in a variety of performance situations. Students will research and explain how physical, intellectual, and artistic skills developed in dance can be applied in a wide range of careers. They will apply technologies and techniques throughout the process of creation and presentation and reflect on how studies in the dance arts affect personal identity.

Prerequisite: None

ATC3M Dance, Grade 11, University/College Preparation

This course emphasizes the development of students' artistry, improvisational and compositional skills, and technical proficiency in global dance genres. Students will apply dance elements, techniques, and tools in a variety of ways including performance situations; describe and model responsible practices related to the dance environment; and reflect on how the study of dance affects personal and artistic development.

Prerequisite: Dance, Grade 9 or 10, Open

ATC4M Dance, Grade 12, University/College Preparation

This course emphasizes the development of students' technical proficiency, fluency in the language of movement in global dance genres, and understanding of the dance sciences. Students will

explain the social, cultural, and historical contexts of dance; apply the creative process through the art of dance in a variety of ways; and exhibit an understanding of the purpose and possibilities of continuing engagement in the arts as a lifelong learner.

Prerequisite: Dance, Grade 11, University/College Preparation

ATC4E Dance, Grade 12, Workplace Preparation

This course enables students to develop performance and interpersonal skills through the study of dance. Students will apply the elements of dance and the tools of composition to develop a physical vocabulary that can be used to create and communicate through dance. Students will research and explain how physical, intellectual, and artistic skills developed in the dance arts are transferable to a wide range of careers and workplace environments. They will develop an understanding of practices associated with healthy living, the benefits of self-discipline, and the importance of continuing engagement in the arts.

Prerequisite: Dance, Grade 11, Open

Dance Grades 9 to 12	
ATB	Dance — Ballet
ATD	Dance — Composition
ATE	Dance — Northern European/Asian
ATF	Dance — African
ATG	Dance — English/Irish/Scottish
ATH	Dance — History Development
ATI	Dance — Indian/South Central Asian
ATJ	Dance — Jazz
ATK	Dance — Caribbean
ATL	Dance — Central and South American
ATM	Dance — Modern
ATN	Dance — Aboriginal Peoples (North American)
ATO	Dance — Pacific Rim/Asian
ATP	Dance — Performance Practice
ATR	Dance — Hip Hop and Urban
ATS	Dance — Social Dance (Ballroom, Swing, Traditional forms)
ATT	Dance — Tap
ATU	Dance — Music Theatre
ATW	Dance — Mediterranean/Middle Eastern
ATX	Dance — French
ATZ	Dance — World Cultures

Drama

ADA10 Drama, Grade 9, Open

This course provides opportunities for students to explore dramatic forms and techniques, using material from a wide range of sources and cultures. Students will use the elements of drama to examine situations and issues that are relevant to their lives. Students will create, perform, discuss, 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

ADA20 Drama, Grade 10, Open

This course provides opportunities for students to explore dramatic forms, conventions, and techniques. Students will explore a variety of dramatic sources from various cultures and representing a range of genres. Students will use the elements of drama in creating and communicating through dramatic works. Students will assume responsibility for decisions made in the creative and collaborative processes and will reflect on their experiences.

Prerequisite: None

ADA30 Drama, Grade 11, Open

This course requires students to engage in dramatic processes and the presentation of dramatic works and emphasizes the application of drama skills in other contexts and opportunities. Students will interpret and present works in a variety of dramatic forms, create and script original works, and critically analyse the processes involved in producing dramatic works. Students will develop a variety of skills related to collaboration and the presentation of dramatic works.

Prerequisite: None

ADA3M Drama, Grade 11, University/College Preparation

This course requires students to create and perform in dramatic presentations. Students will analyse, interpret, and perform dramatic works from various cultures and time periods. Students will research various acting styles and conventions that could be used in their presentations and analyse the functions of playwrights, directors, actors, designers, technicians, and audiences.

Prerequisite: Drama, Grade 9 or 10, Open

ADA4M Drama, Grade 12, University/College Preparation

This course requires students to experiment individually and collaboratively with forms and conventions of both drama and theatre from various cultures and time periods. Students will interpret dramatic literature and other text and media sources while learning about various

theories of directing and acting. Students will examine the significance of dramatic arts in various cultures and will analyse how the knowledge and skills developed in drama are related to their personal skills, social awareness, and goals beyond secondary school.

Prerequisite: Drama, Grade 11, University/College Preparation

ADA4E Drama, Grade 12, Workplace Preparation

This course requires students to create and present a variety of dramatic works relevant to the workplace. Students will develop character both through hands-on experience and project-based learning to build trust and collaborative skills and develop self-confidence. Students will also explore skills related to the study of drama that can be applied in the workplace.

Prerequisite: Drama, Grade 11, Open

Drama Grades 9 to 12	
ADD	Drama — Production
ADC	Drama in the Community
ADB	Drama — Music Theatre
ADV	Drama — Film/Video
Drama Grades 11 to 12	
ADF	Director's Craft
ADG	Drama — Acting/Improvisation
ADP	Drama — Playwriting/Theatre Development
ADT	Drama — Canadian Theatre

Media Arts

ASM20 Media Arts, Grade 10, Open

This course enables students to create media art works by exploring new media, emerging technologies such as digital animation, and a variety of traditional art forms such as film, photography, video, and visual arts. Students will acquire communications skills that are transferable beyond the media arts classroom and develop an understanding of responsible practices related to the creative process. Students will develop the skills necessary to create and interpret media art works.

Prerequisite: None

ASM30 **Media Arts, Grade 11, Open**

This course enables students to create media art works using available and emerging technologies such as computer animation, digital imaging, video, and a variety of media. Students will explore the elements and principles of media arts, the connections between contemporary media art works and traditional art forms, and the importance of using responsible practices when engaged in the creative process. Students will develop the skills necessary to create and interpret media art works.

Prerequisite: None

ASM3M **Media Arts, Grade 11, University/College Preparation**

This course focuses on the development of media arts skills through the production of art works involving traditional and emerging technologies, tools, and techniques such as new media, computer animation, and web environments. Students will explore the evolution of media arts as an extension of traditional art forms, use the creative process to produce effective media art works, and critically analyse the unique characteristics of this art form. Students will examine the role of media artists in shaping audience perceptions of identity, culture, and community values.

Prerequisite: Media Arts, Grade 10, Open or any grade 9 or 10 Arts course

ASM4M **Media Arts, Grade 12, University/College Preparation**

This course emphasizes the refinement of media arts skills through the creation of a thematic body of work by applying traditional and emerging technologies, tools, and techniques such as multimedia, computer animation, installation art, and performance art. Students will develop works that express their views on contemporary issues and will create portfolios suitable for use in either career or postsecondary education applications. Students will critically analyse the role of media artists in shaping audience perceptions of identity, culture, and community values.

Prerequisite: Media Arts, Grade 11, University/College Preparation

ASM4E **Media Arts, Grade 12, Workplace Preparation**

This course focuses on a practical approach to a variety of media arts challenges specific to the interests of the student and provides students with opportunities to examine media arts in relationship to the world of work. Students will develop works that express their views on contemporary issues and will create portfolios suitable for use in post-secondary work experiences. Students will critically analyse the role of media artists in shaping audience perceptions of identity, culture, and community values particularly within the context of the workplace.

Prerequisite: Media Arts, Grade 11, Open

Music

AMU10 **Music, Grade 9, Open**

This course emphasizes the creation and performance of music at a level consistent with previous experience and is aimed at developing technique, sensitivity, and imagination. Students will develop musical literacy skills by using the creative and critical analysis processes in composition, performance, and a range of reflective and analytical activities. Students will develop an understanding of the conventions and elements of music and of safe practices related to music and will develop a variety of skills transferable to other areas of their life.

Prerequisite: None

AMU20 **Music, Grade 10, Open**

This course emphasizes the creation and performance of music at a level consistent with previous experience. Students will develop musical literacy skills by using the creative and critical analysis processes in composition, performance, and a range of reflective and analytical activities. Students will develop their understanding of musical conventions, practices, and terminology and apply the elements of music in a range of activities. They will also explore the function of music in society with reference to the self, communities, and cultures.

Prerequisite: None

AMU30 **Music, Grade 11, Open**

This course develops students' musical literacy through performance and the preparation and presentation of music productions. Students will perform works at a level consistent with previous experience. Independently and collaboratively students will use current technology and the creative and critical analysis processes to plan, produce, present, and market musical productions. Students will respond to, reflect on, and analyse music from various genres and periods and they will develop skills transferable to other aspects of their life and their careers.

Prerequisite: None

AMU3M **Music, Grade 11, University/College Preparation**

This course provides students with opportunities to develop their musical literacy through the creation, appreciation, analysis, and performance of music including traditional, commercial, and art music. Students will apply the creative process when performing appropriate technical exercises and repertoire and will employ the critical analysis processes when reflecting on, responding to, and analysing live and recorded performances. Students will consider the function of music in society and the impact of music on individuals and communities. They will explore how to apply skills developed in music to their life and careers.

Prerequisite: Music, Grade 9 or 10, Open

AMU4M

Music, Grade 12, University/College Preparation

This course enables students to enhance their musical literacy through the creation, appreciation, analysis, and performance of music. Students will perform traditional, commercial, and art music and will respond with insight to live and recorded performances. Students will enhance their understanding of the function of music in society and the impact of music on themselves and various communities and cultures. Students will analyse how to apply skills developed in music to their life and careers.

Prerequisite: Music, Grade 11, University/College Preparation

AMU4E

Music, Grade 12, Workplace Preparation

This course provides students with the fundamental knowledge and skills needed to succeed in the music workplace. Students will, at a level consistent with previous experience, perform appropriate musical works. Independently and collaboratively. Students will use current technology and the creative and critical analysis processes to plan, produce, and market music presentations that reflect a broad spectrum of workplace contexts. In addition students will explore ethical and safe practices related to music.

Prerequisite: Music, Grade 11, Open

Music Grades 9 to 12	
AMB	Instrumental Music — Brass
AMC	Music for Creating
AMD	Electronic Music
AME	Small Ensemble
AMG	Guitar Music
AMH	Stage-Band Music
AMI	Instrumental Music — Band
AMJ	Vocal Jazz
AMK	Keyboard Music
AMM	Music and Computers
AMO	Instrumental Music — Orchestra
AMP	Instrumental Music — Percussion
AMQ	Steel Drum — Music
AMR	Repertoire
AMS	Instrumental Music — Strings
AMT	Music Theatre
AMV	Music — Vocal/Choral
AMW	Music — Woodwinds

Visual Arts

AVI10

Visual Arts, Grade 9, Open

This course is exploratory in nature offering 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 by using a range of media, processes, techniques, and styles. Students will use the creative and critical analysis processes and will interpret art within a personal, contemporary, and historical context.

Prerequisite: None

AVI20

Visual Arts, Grade 10, Open

This course enables students to develop their skills in producing and presenting art by introducing them to new ideas, materials, and processes for artistic exploration and experimentation. Students will apply the elements and principles of design when exploring the creative process. Students will use the critical analysis process to reflect on and interpret art within a personal, contemporary, and historical context.

Prerequisite: None

AVI30

Visual Arts, Grade 11, Open

This course focuses on studio activities in the visual arts such as drawing, painting, sculpture, photography, printmaking, collage, and/or multimedia art. Students will use the creative process to create art works that reflect a wide range of subjects and will evaluate works using the critical analysis process. Students will also explore works of art within a personal, contemporary, historical, and cultural context.

Prerequisite: None

AVI3M

Visual Arts, Grade 11, University/College Preparation

This course enables students to further develop their knowledge and skills in visual arts. Students will use the creative process to explore a wide range of themes through studio work that may include drawing, painting, sculpting, and printmaking as well as the creation of collage, multimedia works, and works using emergent technologies. Students will use the critical analysis process when evaluating their own work and the work of others. The course may be delivered as a comprehensive program or through a program focused on a particular artform (e.g., photography, video, computer graphics, information design).

Prerequisite: Visual Arts, Grade 9 or 10, Open

AVI4M

Visual Arts, Grade 12, University/College Preparation

This course focuses on enabling students to refine their use of the creative process when creating and presenting two- and three-dimensional art works using a variety of traditional and emerging media and technologies. Students will use the critical analysis process to deconstruct art works and explore connections between art and society. The studio program enables students to explore a range of materials, processes, and techniques that can be applied in their own art production. Students will also make connections between various works of art in personal, contemporary, historical, and cultural contexts.

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

AVI4E

Visual Arts, Grade 12, Workplace

This course focuses on a practical approach to a variety of art and design projects related to the workplace. Students will use the creative process to produce a traditional and/or digital portfolio of their work in a variety of media. Students may focus on various aspects of visual arts including advertising, ceramics, fashion design, graphic arts, jewellery design, and/or web design.

Prerequisite: Visual Arts, Grade 11, Open

Visual Arts Grades 9 to 12	
AWA	Visual Arts — Crafts
AWC	Visual Arts — Ceramics
AWD	Visual Arts — Visual Design
AWE	Visual Arts — Information/Consumer Design
AWF	Visual Arts — Industrial Design
AWG	Visual Arts — Environmental Design
AWH	Visual Arts — Interior Design
AWI	Visual Arts — Fashion and Textile Design
AWJ	Visual Arts — Stage Design
AWK	Visual Arts — Illustration
AWL	Visual Arts — Drawing
AWM	Visual Arts — Drawing and Painting
AWN	Visual Arts — Painting
AWO	Visual Arts — Printmaking
AWP	Visual Arts — Sculpture
AWQ	Visual Arts — Photography
AWR	Visual Arts — Film/Video
AWS	Visual Arts — Digital Media
AWT	Visual Arts — Non-traditional
AWU	Visual Arts — Cultural/Historical Studies

Integrated Arts

ALC10, ALC20

Integrated Arts, Grade 9 or 10, Open

This course integrates two or more of the arts (dance, drama, media arts, music, and visual arts) giving students the opportunity to produce and present art works created individually or collaboratively. Students will demonstrate innovation as they learn and apply concepts, styles, and conventions unique to the various arts and acquire skills that are transferable beyond the classroom. Students will use the creative process and responsible practices to explore solutions to integrated arts challenges.

Prerequisite: None

Exploring and Creating the Arts

AEA30, AEA40

Exploring and Creating the Arts, Grade 11 or 12, Open

This course offers students the opportunity to explore connections between dance, drama, media arts, music, and/or visual arts. Students will use the creative process individually and/or collaboratively to produce integrated art works that draw on various disciplines, and they will critically analyse art works and determine how interpreting these works affects their own development. Students will develop responsible practices that are transferable beyond the classroom. They will explore solutions to integrated arts challenges and discover that art is everywhere influencing and reflecting society.

Prerequisite: None

Business Studies

BBI10, BBI20

Introduction to Business, Grade 9 or 10, Open

This course introduces students to the world of business. Students will develop an understanding of the functions of business, including accounting, marketing, information technology, human resources, production, and of the importance of ethics and social responsibility. This course builds a foundation for further studies in business and helps students develop the business knowledge and skills they will need in their everyday lives.

Prerequisite: None

BTT10, BTT20

Information and Communication Technology in Business, Grade 9 or 10, Open

This 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, communication skills, and current issues related to the impact of information and communication technology.

Prerequisite: None

Accounting

BAF3M Financial Accounting Fundamentals, Grade 11 University/College Preparation

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 current issues and ethics in accounting.

Prerequisite: None

BAI3E

Accounting Essentials, Grade 11, Workplace Preparation

This course introduces students to the accounting cycle of a service business. Students will use computer application software to record business transactions and to prepare financial statements. Students will also investigate banking and cash management, decision making, ethical behaviour, and career opportunities in the field of accounting.

Prerequisite: None

BAT4M

Financial Accounting Principles, Grade 12 University/College Preparation

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

BAN4E

Accounting for a Small Business, Grade 12 Workplace Preparation

This course further develops students' understanding of the fundamentals of accounting by having them examine each component of the accounting cycle, with an emphasis on the merchandising business. Students will use computer application software to learn how accounting is practised in the workplace. Students will acquire an understanding of payroll systems, inventory, specialized journals, subsidiary ledgers, income tax reporting, and budgeting.

Prerequisite: Accounting Essentials, Grade 11, Workplace Preparation

Entrepreneurial Studies

BDI3C

Entrepreneurship: The Venture, Grade 11 College Preparation

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

Prerequisite: None

BDP3O

Entrepreneurship: The Enterprising Person, Grade 11 Open

This course examines the importance of enterprising employees in today's changing business environment. Students will learn about the skills and attributes of enterprising employees, the distinguishing features of their work environments, and the challenges and rewards of becoming an enterprising person. Students will also have an opportunity to demonstrate and develop enterprising skills by planning and organizing a school or community event.

Prerequisite: None

Business Studies

BDV4C

Entrepreneurship: Venture Planning in an Electronic Age, Grade 12, College Preparation

This course provides students with the opportunity to develop and apply entrepreneurial skills through the creation of a venture plan that capitalizes on the potential of e-commerce. Students will research and identify an opportunity for a venture. They will then complete the components of a venture plan that includes a website.

Prerequisite: None

Information Technology

BTA30

Information and Communication Technology: The Digital Environment, Grade 11, Open

This course prepares students for the digital environment. Using a hands-on approach, students will further develop information and communication technology skills through the use of common business software applications. The concept and operation of e-business will be explored and students will design and create an e-business website. The skills developed in this course will prepare students for success in the workplace and/or post secondary studies.

Prerequisite: None

BTX4C

Information and Communication Technology: Multimedia Solutions, Grade 12, College Preparation

This course provides students with the opportunity to apply their information and communication technology skills while working in a team environment. Through a project-based approach students will have opportunities to integrate common business software applications and apply multimedia techniques. Students will further develop their understanding of electronic business and e-commerce environments. The skills acquired in this course will prepare students for success in post secondary studies and in their future careers.

Prerequisite: Information and Communication Technology:

The Digital Environment, Grade 11, Open

BTX4E

Information and Communication Technology in the Workplace, Grade 12, Workplace

This course provides students with the opportunity to further develop essential workplace skills in information and communication technology while working in a team environment. Using a project-based approach, students will focus on integrating software applications and applying multimedia software features. Students will expand their understanding of e-business and e-commerce environments and workplace ethics. This course will prepare students for a successful transition from secondary school to the workplace.

Prerequisite: Information and Communication Technology:

The Digital Environment, Grade 11, Open

International Business

BBB4M

International Business Fundamentals, Grade 12 University/College Preparation

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 post secondary programs in business including international business, marketing, and management.

Prerequisite: None

BBB4E

International Business Essentials, Grade 12 Workplace Preparation

This course provides an introduction to international business. Students will explore the economic relationships that Canada has developed with other nations and the impact of these relationships on productivity, prices, and variety of goods. This course also introduces students to a variety of career opportunities in international business.

Prerequisite: None

Marketing

BMI3C

Marketing: Goods, Services, Events, Grade 11 College Preparation

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

BMX3E

Marketing: Retail and Services, Grade 11 Workplace Preparation

This course focuses on marketing activities in the retail and service sectors. Students will examine trends and global influences on marketing decisions, and will learn about the importance of customer service in developing a customer base and maintaining customer loyalty. Through hands-on learning students will develop personal selling and information technology skills that will prepare them for a variety of marketing-related positions in the workplace.

Prerequisite: None

Business Studies Continued

Organizational Studies

BOH4M

Business Leadership: Management Fundamentals, Grade 12, University/College Preparation

This course focuses on the development of leadership skills used in managing a successful business. Students will analyse the role of a leader in business with a focus on decision making, management of group dynamics, workplace stress and conflict, motivation of employees, and planning. Effective business communication skills, ethics, and social responsibility will be emphasized throughout the course.

Prerequisite: None

BOG4E

Business Leadership: Becoming a Manager, Grade 12 Workplace Preparation

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

Prerequisite: None

Canadian and World Studies

Civics

CHV20

Civics, Grade 10, Open

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

Economics

CIE3M

The Individual and the Economy, Grade 11 University/College Preparation

This course examines the changing Canadian economy and helps students develop an understanding of their own role as economic agents. Students will apply economic models and concepts to assess the roles of the various stakeholders in the Canadian economy and analyse the interactions among them. Students will consider the economic behaviour of the individual as consumer, contributor, and citizen in a mixed economy and will apply economic inquiry, critical-thinking, and communication skills to make and defend informed economic decisions.

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

CIC3E

Making Economic Choices, Grade 11 Workplace Preparation

This course encourages students to examine the economic choices they make as consumers and contributors in a mixed economy. Students will become familiar with sources of economic information and indicators of economic performance, such as rates of inflation, interest, and unemployment. Students will gain practical experience of how to apply their knowledge to make informed economic decisions and improve their economic well-being.

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

CIA4U

Analysing Current Economic Issues, Grade 12 University Preparation

This course investigates the nature of the competitive global economy and explores how individuals and societies can gain the information they need to make appropriate economic decisions. Students

Canadian and World Studies

will learn about the principles of micro- and macro-economics, apply economic models and concepts to interpret economic information, assess the validity of statistics, and investigate marketplace dynamics. Students will use economic inquiry and communication skills to analyse current economic issues, make informed judgements, and present their findings.

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

Geography

CGC1D

Geography of Canada, Grade 9, Academic

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

CGC1P

Geography of Canada, Grade 9, Applied

This course focuses on geographic issues that affect Canadians today. Students will draw on personal and everyday experiences to learn about Canada's distinct and changing character and the natural and human systems and global influences that shape the country. Students will use a variety of geotechnologies and inquiry and communication methods to examine practical geographic questions and communicate their findings.

Prerequisite: None

CGD3M

The Americas: Geographic Patterns and Issues Grade 11, University/College Preparation

This course investigates the geographic systems and patterns of the Americas, focusing on questions arising from the growing interdependence of the countries in the region. Students will examine diverse environmental, economic, and cultural factors influencing the different countries and their peoples, and the interactions among them. Students will use a variety of geotechnologies and inquiry and communication methods to investigate trends and issues and communicate their findings.

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

CGF3M

Physical Geography: Patterns, Processes, and Interactions, Grade 11, University/College Preparation

This course examines the major patterns of physical geography

and the powerful forces that affect them. Students will investigate the dynamic nature of the earth, the evolving relationship between the planet and its people, and the factors that limit our ability to predict the changes that will occur. Students will use a wide range of geotechnologies and inquiry methods to investigate the distribution and interaction of the elements of their physical environment and to communicate their findings.

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

CGT3E

Geographics: The Geographer's Toolkit, Grade 11 Workplace Preparation

This course focuses on giving students practical experience with geotechnologies and related skills. Students will engage in image interpretation, desktop mapping, analysis using geographic information systems (GIS), use of the global positioning system (GPS), and data collection and management. Students will conduct fieldwork and explore applications and career opportunities in environmental, economic, and political contexts. Students will use a variety of communication tools and methods to present the results of their investigations.

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

CGG3O

Travel and Tourism: A Regional Geographic Perspective, Grade 11, Open

This course focuses on travel and tourism as a vehicle for studying selected world regions. Using a variety of geotechnologies and inquiry and communication methods students will conduct and present case studies that develop their understanding of the unique characteristics of selected world regions; the environmental, cultural, economic, and political factors that influence travel and tourism; and the impact of the travel industry on communities and environments around the world.

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

CGW4U

Canadian and World Issues: A Geographic Analysis Grade 12, University Preparation

This course examines the global challenges of creating a sustainable and equitable future, focusing on current issues that illustrate these challenges. Students will investigate a range of topics including culture, economic, and geopolitical relationships, regional disparities in the ability to meet basic human needs, and protection of the natural environment. Students will use geo-technologies and skills of geographic inquiry and analysis to develop and communicate balanced opinions about the complex issues facing Canada and a world that is interdependent and constantly changing.

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

Canadian and World Studies

CGU4U

World Geography: Human Patterns and Interactions Grade 12, University Preparation

This course examines how cultures in different parts of the world interact with their environments and with each other. Students will use geographic concepts, methods, and tools to explore settlement patterns, human migration, cultural change, globalization, environmental issues, and other topics relevant to an understanding of how spatial, political, economic, and social factors affect settled environments and human activities.

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

CGR4M

The Environment and Resource Management Grade 12, University/College Preparation

This course investigates the complexity and fragility of ecosystems and the pressures human activities place on them. Students will examine ecological processes, the principles of sustainability, and strategies for resource management with a focus on the challenges of environmental degradation and resource depletion. Students will use geotechnologies and skills of geographic inquiry to explain and evaluate various approaches to achieving a more sustainable relationship between people and their environment.

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

CGO4M

Geomatics: Geotechnologies in Action, Grade 12 University/College Preparation

This course gives students experience with using geotechnologies to develop solutions to real-world problems involving physical and human geography. Students will extend their knowledge of geomatics in the areas of cartography, geographic information systems (GIS), the global positioning system (GPS), and remote sensing. Students will develop critical-thinking and communication skills as they apply geotechnologies and geographic inquiry methods to devise and present ways of improving conditions for people and the environment.

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

CGU4C

World Geography: Urban Patterns and Interactions Grade 12, College Preparation

This course examines cities around the world and the social, political, cultural, environmental, and economic factors that shape them. Students will study urban structures and systems, the impact of migrations on cities, and the impact of cities on the environment. Students will use geotechnologies and apply geographic concepts and inquiry methods to analyse issues and problems related to urban development and to formulate potential solutions.

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

CGR4E

The Environment and Resource Management Grade 12, Workplace Preparation

This course examines the influence of human activities on the natural environment. Students will study ecosystem structures and processes, the ecological impact of human activities, and methods of responsible resource management. Students will apply geotechnologies and geographic inquiry methods to develop and present practical solutions to environmental and resource-management issues. In the process, students' problem-solving and communication skills will be enhanced in preparation for careers and the workplace.

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

History

CHC2D

Canadian History Since World War I, Grade 10 Academic

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

CHC2P

Canadian History Since World War I, Grade 10, Applied

This course explores some of the pivotal events and experiences that have influenced the development of Canada's identity as a nation from World War I to the present. By examining how the country has responded to economic, social, and technological changes and how individuals and groups have contributed to Canadian culture and society during this period, students will develop their ability to make connections between historical and current events. Students

Canadian and World Studies

will have opportunities to formulate questions, locate information, develop informed opinions, and present ideas about the central issues and events of the period.

Prerequisite: None

CHA3U **American History, Grade 11, University Preparation**

This course traces the social, economic, and political development of the United States from colonial times to the present. Students will examine issues of diversity, identity, and culture that have influenced the country's social and political formation and will consider the implications of its expansion into a global superpower. Students will use critical-thinking and communication skills to determine causal relationships, evaluate multiple perspectives, and present their own points of view.

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

CHW3M **World History to the Sixteenth Century, Grade 11 University/College Preparation**

This course investigates the history of humanity from earliest times to the sixteenth century. Students will analyse diverse societies from around the world, with an emphasis on the political, cultural, and economic structures and historical forces that have shaped the modern world. They will apply historical inquiry, critical-thinking, and communication skills to evaluate the influence of selected individuals, groups, and innovations and present their conclusions.

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

CHH3C **Canadian History and Politics Since 1945, Grade 11 College Preparation**

This course examines the local, national, and global forces that have shaped Canada since 1945 and highlights the political, social, and economic issues facing the country today. Students will expand their political understanding through an investigation of Canada's efforts in areas such as social justice and human rights, multiculturalism, international relations. Students will develop their skills in historical research, analysis, and communication to deepen their historical and political awareness and present their own points of view.

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

CHH3E **Canadian History and Politics Since 1945, Grade 11 Workplace Preparation**

This course traces the most significant changes in Canadian society since 1945 and connects them to the issues facing the country today. Students will learn about the social, economic, and political

forces that affect their lives, covering topics such as multiculturalism, labour relations, technological change, equity issues, and globalization. Through their investigation of the connections between historical developments and current issues, students will strengthen their critical-thinking and communication skills in preparation for the workplace.

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

CHT30 **Twentieth-Century History: Global and Regional Perspectives, Grade 11, Open**

This course focuses on the major events and issues in world history from 1900 to the present. Students will investigate the causes and effects of global and regional conflicts and the responses of individuals and governments to social, economic, and political changes. Students will use critical-thinking and communication skills to formulate and test points of view, draw conclusions, and present their findings about the challenges facing people in various parts of the world.

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

CHI4U **Canada: History, Identity, and Culture, Grade 12 University Preparation**

This course explores the challenges associated with the formation of a Canadian national identity. Students will examine the social, political, and economic forces that have shaped Canada from the pre-contact period to the present and will investigate the historical roots of contemporary issues from a variety of perspectives. Students will use critical-thinking and communication skills to consider events and ideas in historical context, debate issues of culture and identity, and present their own views.

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

CHY4U **World History: The West and the World, Grade 12 University Preparation**

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. They will use critical-thinking and communication skills to investigate the historical roots of contemporary issues and present their conclusions.

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

Canadian and World Studies

CHY4C

World History: The West and the World, Grade 12 College Preparation

This course explores the history of the world since the sixteenth century, emphasizing the interaction between the emerging West and other regions of the world. Students will learn about a variety of economic, social, and political systems and the changes they have undergone over time. Students will apply their developing skills of historical inquiry to understand and communicate ideas about the forces that have formed our modern world.

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

CHM4E

Adventures in World History, Grade 12 Workplace Preparation

This course explores a variety of human experiences in world history from earliest times to the present. Students will learn about a wide range of societies and cultures, examining such things as systems of government, technological developments, work, art, and religion. Students will apply methods of research and inquiry to examine human societies in many different times and places and to communicate points of view about their findings.

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

LAW

CLU3M

Understanding Canadian Law, Grade 11 University/College Preparation

This course explores Canadian law with a focus on legal issues that are relevant to people's everyday lives. Students will investigate fundamental legal concepts and processes to gain a practical understanding of Canada's legal system, including the criminal justice system. Students will use critical-thinking, inquiry, and communication skills to develop informed opinions on legal issues and apply this knowledge in a variety of ways and settings including case analysis, legal research projects, mock trials, and debates.

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

CLU3E

Understanding Canadian Law, Grade 11 Workplace Preparation

This course gives students practical information about legal issues that directly affect their lives. Students will examine the need for laws in society, the roots of Canada's legal system, the rights and freedoms that people in Canada enjoy, and the basic elements of criminal law and dispute resolution. Through experiences such as

mock trials, debates, and case studies, students will apply inquiry and communication skills to develop and express opinions on legal topics of interest to them.

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

CLN4U

Canadian and International Law, Grade 12 University Preparation

This course examines elements of Canadian and international law in social, political, and global contexts. Students will study the historical and philosophical sources of law and the principles and practices of international law and will learn to relate them to issues in Canadian society and the wider world. Students will use critical-thinking and communication skills to analyse legal issues, conduct independent research, and present 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

POLITICS

CPC30

Canadian Politics and Citizenship, Grade 11, Open

This course explores the role of politics in people's lives and the importance of being an active citizen in a democratic society. Students will examine the ways in which individuals and groups participate in the political process, the ways in which they can influence political decision making and public policy, and the effectiveness of political systems and institutions in meeting societal needs. Students will apply inquiry and communication skills to analyse and report on political issues, events, and trends of interest to them.

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

CPW4U

Canadian and World Politics, Grade 12 University Preparation

This course examines Canadian and world politics from a variety of perspectives. Students will investigate the ways in which individuals, groups, and states work to influence domestic and world events, the role of political ideologies in national and international politics, and the dynamics of international cooperation and conflict resolution. Students will apply critical-thinking and communication skills to develop and support informed opinions about current political conflicts, events, and issues.

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

Classical Studies and International Languages

Classical Studies

LVGAD/LVLAD — Greek/Latin Classical Languages, Level 1, Academic

This course introduces students to the achievements of the classical world through the study of Latin or ancient Greek. Students will learn vocabulary and grammar essential for reading and translating classical texts. English is the language of instruction. Through a variety of enrichment activities, such as presentations, debates, and dialogues, students will explore such aspects of life in the ancient world as trade, commerce, education, entertainment, and social customs while improving their language skills.

Prerequisite: None

LVGBU/LVLBU — Greek/Latin Classical Languages, Level 2, University Preparation

This course provides students with opportunities to continue their exploration of the achievements of the ancient world through the study of Latin or ancient Greek. Students will read and translate more complex passages in the classical language and will learn the vocabulary and grammar essential for these activities. English is the language of instruction. Through a variety of methods such as dramatizations, presentations, and hands-on activities, students will investigate aspects of the culture and beliefs of the ancient world including science, religion, and customs.

Prerequisite: Classical Languages, Level 1, Academic

LVGCU/LVLCU — Greek/Latin Classical Languages, Level 3, University Preparation

This course provides students with opportunities to further develop their knowledge of the achievements of the ancient world through the study of Latin or ancient Greek. Students will read and translate a broad selection of classical prose and poetry and will learn the vocabulary and grammar essential for these activities. English is the language of instruction. Through enrichment activities, contests, seminars, and re-enactments, students will explore elements of the civilization of the ancient world such as engineering, architecture, politics, and literature.

Prerequisite: Classical Languages, Level 2, University Preparation

LW4U Classical Civilization, Grade 12, University Preparation

This course allows students to explore the beliefs and achievements of the classical world which have shaped Western thought and civilization. Students will investigate such aspects of classical culture as its mythology, art, literature, and philosophy as well as elements of ancient Greek and Latin through a variety of activities such as dramatizations, audio-visual presentations, and discussions. By reading classical authors in English and examining archaeological evidence, students will enhance both their communication skills and their ability to think critically and creatively.

Prerequisite: English, Grade 10, Academic or Applied

International Languages

LBAAD — LYXAD International Languages, Level 1, Academic

This course is designed to enable students to begin to communicate with native speakers of the language of study. Students will use simple language and read age- and language-appropriate passages for various purposes. They will explore aspects of the culture of countries, where the language under study is spoken including social customs and the arts, by participating in cultural events and activities involving both print and technological resources.

Prerequisite: None

LBAAO — LYXAO International Languages, Level 1, Open

This course introduces students to language elements they will need to begin to communicate with native speakers. Students will participate in practical activities in which they can apply their knowledge and skills and will begin to explore careers that require knowledge of the language of study. They will explore aspects of the culture of countries where the language under study is spoken including social customs, music, and food, by participating in cultural events and activities involving both print and technological resources.

Prerequisite: None

LBABD — LYXBD International Languages, Level 2, Academic

This course provides students with the language learning experiences that will enable them to communicate in the language of study. Students will continue to develop and apply their speaking skills in a variety of contexts and will participate in activities that will improve their reading comprehension and writing skills. They will also continue to explore aspects of the culture of countries where the language under study is spoken by taking part in community-sponsored events and activities involving both print and technological resources. Although students will continue to expand their vocabulary and repertoire of language structures, the language they will use at this level will still be simple.

Prerequisite: Prerequisites will be determined by schools, depending on the structure of their International Language Program.

LBABO — LYXBO International Languages, Level 2, Open

This course provides students with opportunities to further develop their oral communication skills in the language of study, increase their confidence in using the language in practical situations, and continue to investigate related career opportunities. Students will be involved in activities that promote the use of the language in real-life situations. They will also continue their exploration of the culture of countries where the language under study is spoken. Although

Classical Studies and International Languages

students will continue to expand their vocabulary and repertoire of language structures, the language they will use at this level will still be simple.

Prerequisite: Prerequisites will be determined by schools, depending on the structure of their International Language Program

LBACU — LYXCU International Languages, Level 3 University Preparation

This course offers students opportunities to further develop their knowledge of the international language and to enhance their communication skills. Students will use increasingly sophisticated language in a variety of activities that will enable them to speak and write with clarity and accuracy. Students will also enhance their thinking skills through the critical study of literature and continue to explore aspects of the culture of countries where the language is spoken through a variety of print and technological resources.

Prerequisite: International Languages, Level 2, Academic

LBACO — LYXCO International Languages, Level 3, Open

This course provides students with opportunities to further develop their communication skills in the international language and to increase their confidence in applying them in a variety of practical situations including contexts related to future employment. Students will engage in a variety of activities and use resources that will allow them to use the language in various real-life situations. They will also continue to explore aspects of the culture of countries where the language is spoken and investigate careers that require facility in the language.

Prerequisite: International Languages, Level 2, Academic or Open

LBADU — LYXDU International Languages, Level 4 University Preparation

This course prepares students for university studies in the international language. Students will enhance their ability to use the language with clarity and precision and will develop the language skills needed to engage in sustained conversations and discussions, understand and evaluate information, read diverse materials for both study and pleasure, and write clearly and effectively. Students will also have opportunities to add to their knowledge of the culture of countries where the language is spoken through the use of community resources and computer technology.

Prerequisite: International Languages, Level 3, University Preparation

LBADO — LYXDO International Languages, Level 4, Open

This course provides students with opportunities to consolidate the language skills required for effective communication in business and personal contexts. Students will use a variety of print and techno-

logical resources that will promote their ability to apply the language in practical situations and will engage in activities such as writing memos, reading articles, and applying conversational skills in business contexts. They will also add to their knowledge of the culture of countries where the language is spoken by using resources from the local and international community.

Prerequisite: International Languages, Level 3, University Preparation or Open

International Language Courses

LKJ — Japanese

LYB — Arabic

LWG — German

LDL — Somali

LWS — Spanish

Computer Studies

ICS20

Introduction to Computer Studies, Grade 10, Open

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

ICS3U

Introduction to Computer Science, Grade 11, University

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

Cooperative Education

Classical Studies and International Languages Continued

ICS3C Introduction to Computer Programming, Grade 11 College Preparation

This course introduces students to computer programming concepts and practices. Students will write and test computer programs, using various problem-solving strategies. They will learn the fundamentals of program design and apply a software development life-cycle model to a software development project. Students will also learn about computer environments and systems and explore environmental issues related to computers, safe computing practices, emerging technologies, and post secondary opportunities in computer-related fields.

Prerequisite: *None*

ICS4U Computer Science, Grade 12, Preparation

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*

ICS4C Computer Programming, Grade 12 College Preparation

This course further develops students' computer programming skills. Students will learn object-oriented programming concepts, create object-oriented software solutions, and design graphical user interfaces. Student teams will plan and carry out a software development project using industry-standard programming tools and proper project management techniques. Students will also investigate ethical issues in computing and expand their understanding of environmental issues, emerging technologies, and computer-related careers.

Prerequisite: *Introduction to Computer Science, Grade 11, College Preparation*

Cooperative Education

All OCDSB secondary schools have a cooperative education program. Contact your school's co-op teacher for available co-op placements. For additional information, please contact the OCDSB's OYAP/ Pathways Instructional Coach at 613-596-8211, extension 8697.

Test-drive a Career

Cooperative Education is an experiential learning program for which students earn credits. All students benefit from an opportunity to test-drive a career. The program promotes skill development, career development, and self-awareness by integrating classroom learning with supervised work experiences in a business, an industry, or a community service organization. Through Co-op a student may earn all 12 optional credits and two compulsory credits. For more information about Cooperative Education, please go to <http://www.ocdsb.ca>.

The goals of Cooperative Education are:

- to better prepare students for careers
- to help students better understand classroom learning through practical applications in life situations
- to develop in students an understanding of employers' expectations in real-job situations
- to increase students' motivation
- to help students develop appropriate plans for post secondary employment and education
- to develop in each student a positive self-image
- to help students develop and reinforce marketable skills
- to help students better understand and appreciate the world of work and to help students discover their true interests, abilities, and aptitudes

Build Your Skills

Students in Cooperative Education spend a portion of the school day in a curriculum-related work setting for the term or semester. The program involves a Personalized Learning Plan and Work Education Agreement which stipulates the time that you spend at the worksite. Full advantage should be taken of the resources available in the community. Progress is monitored on a regular basis by a cooperative education teacher and an evaluation is carried out jointly by the teacher and the supervisor at the worksite. Students meet regularly throughout the semester to share experiences, reflect on learning, and participate in integration activities and assignments.

All students, including those who have an IEP, can benefit from the Cooperative Education learning experience. Cooperative Education credits must be LINKed to related courses and a specific course curriculum.

To enter a Cooperative Education program the students must:

- choose Cooperative Education on the course option sheet
- meet with a guidance counsellor to discuss the related in-school course to which the placement will be LINKed or have arranged to take the course concurrently with the out-of-school program
- submit a completed Cooperative Education Application Form to the Cooperative Education teacher
- participate in an interview with school staff to discuss the suitability of the program pathway they would like to take

Co-op Placements in the Federal Government

OCDSB Co-op Programs in all secondary schools are now recognized as an 'approved' Federal Government Co-op Internship/Co-op Program.

The Co-op opportunities will offer huge re-employment and employment opportunities for students:

- "re-employment" options for university Co-op and summer job placements
- future employment opportunities through each department's 'bridging mechanism'

If you work for the federal government and would like to become a Co-op employer supervisor, please contact our Data Bank Administrator at 613-596-8286.

English Language Learners and Experiential Learning

All students, including English language learners, can benefit from gaining a context for their learning by participating in experiential learning. By participating in all forms of experiential learning (e.g., job shadowing, work-site visits, work experience, Cooperative Education), students who are acquiring English language skills will:

- be exposed to a variety of social and culture experiences that will enhance their understanding of Canadian culture
- develop confidence in using English in a wide variety of contexts
- gain English communication skills required in the workplace
- gain a better understanding of the opportunities in the Canadian workplace
- gain work experience
- gain valuable knowledge about their own interests and strengths to make informed decisions about course options in secondary school and decisions about post secondary pathways (apprenticeship, college, workplace, and university)

Those English language learners who have adequate skills in English and who have previously-earned concurrent Ontario high school credits that are related to their desired workplace have the opportunity to join a Cooperative Education class in high school. Accommodations can be made in their regular program as they would in any other course of study for students who are learning English.

The Ontario Youth Apprenticeship Program (OYAP)/Co-Op

OYAP enables students to meet diploma requirements in an out-of-school setting where a certified journey person supervises their on-the-job training according to the regulations of a skilled trade. Funding for this program is provided by the Ontario Ministry of Training, Colleges and Universities (MTCU). There were more than 1,000 Ottawa-Carleton District School Board students enrolled in OYAP in 2009–2010. An increased enrolment is expected for 2010–2011.

Jump Start a Career through OYAP

An OYAP student is a student who is earning Cooperative Education credits for work experience in a skilled-trade area. A skilled trade is any occupation that requires apprenticeship training and certification. Apprentices are normally paid although employers are not required by law to pay OYAP students.

Get Hands-on Work Experience

While students who are younger than 16 years of age and have fewer than 16 credits can participate in Co-op, students are only deemed OYAP students when they are at least 16 years old and have completed 16 credits. All OYAP students must be enrolled full time and must complete all compulsory credits required for the OSSD. The approved apprenticeship training standards of MTCU serve as a basis for a student's personalized placement learning plan.

There are three different tiers of OYAP participation depending on student interest in and commitment to trades education.

Tier 1: The student is interested in career exploration in a skilled-trades area and takes a half-day co-op placement for one semester.

Tier 2: The student is willing to make a commitment to a skilled-trades career path and requests formal registration as an apprentice with MTCU. Usually this takes place in a student's second half-day or full-day co-op placement in the same trade.

Tier 3: The student wishes to take the First Level of apprenticeship training at the college or training centre concurrent with a co-op placement. This program is for students who have all their compulsory credits and are in their final school semester before graduation. Students are in their co-op placements full time, usually two or three days a week, and are enrolled in the Level 1 Course at Algonquin College the other days. The student is still on the roll at their high school although they only attend high school for co-op pre-placement and integration sessions. The Automotive Service Technician course has been a very popular Tier 3 training program. In addition to the Automotive Service Technician Level 1, we will also offer a Level 1 program in Auto Body and Hairstyling through Algonquin College.

Cooperative Education

MTCU and the Ministry of Education (ME) cover the costs of education for an OYAP student in the Level 1 program.

Apprenticeship is a post secondary study option that can meet the personal learning needs of a wide variety of students. It is an excellent mode of skill development for students who like hands-on activities and learn best by doing. Post secondary apprenticeship training usually lasts from three to four years, depending on the trade. Approximately 90 per cent of apprenticeship training is on-the-job, while 10 per cent takes place in a community college classroom setting. Post secondary apprentices are paid while they learn and are eligible for employment insurance benefits while taking related community college course work (OYAP students excepted).

Contact the school Guidance Department or the Cooperative Education teacher for more information. In addition, the OCDSB's OYAP/Pathways Instruction Coach may be reached at 613-596-8211, ext. 8697.

Sample Cooperative Education Timetables

All students are encouraged to pursue Cooperative Education to extend and refine the knowledge and skills developed in other courses. Accommodations can be provided. Students with IEPs are encouraged to contact their Guidance Counsellor to learn more about the Cooperative Education Program. Cooperative Education also prepares students for school–work transitions with work-based experiences that prepare students to meet the requirements of a specific occupation or apprenticeship.

The sample four-year timetables show how Cooperative Education can fit into a four-year plan for students who would like to enhance their learning with experiential learning. The shaded areas are 15 of 18 compulsory credits required for an OSSD. (See page 2 for an explanation of OSSD requirements). Subjects listed from one through eight are not in any order of priority and may be taken in a semestered school over two semesters or in a non-semestered school for a full academic year.

All schools do not offer the same courses. Students should check the course offerings in their school and the prerequisites for each course before selecting their courses. As well, students should be aware of the prerequisite courses required for their post secondary destination. All students and parents should contact the Guidance Office for further information and to plan a timetable that includes Cooperative Education.

Cooperative Education

Technology Focus					
Year	1	2	3	4	Additional
1	English	English	English	English	
2	Mathematics	Mathematics	Mathematics	English or Business	
3	Science	Science	Science	Mathematics	
4	Canadian Geography	Canadian History	Technological Education	Technological Education	
5	French	Civics/Careers	Business	Cooperative Education	
6	Health and Physical Education	Health and Physical Education	Social Science/ Can. World Studies	Cooperative Education	
7	Arts	Technological Education	Cooperative Education	Cooperative Education	
8	Technology/ Computers/Business	Technological Education/Business	Cooperative Education	Cooperative Education	

This Cooperative Education schedule is suited for students who wish to take senior Technological Education courses in any of the broad-based Technological Education areas for a post secondary destination.

English / Business / Social Science / Canadian and World Studies Focus					
Year Subject	1 Grade 9	2 Grade 10	3 Grade 11	4 Grade 12	Additional Credits
1	English	English	English	English	
2	Mathematics	Mathematics	Mathematics	English	
3	Science	Science	Business/Language	Mathematics	
4	Canadian Geography	Canadian History	Social Science/ Can. World Studies	Business/Language	
5	French	Civics/Careers	Cooperative Education	Business	
6	Health and Physical Education	Health and Physical Education/Arts	Cooperative Education	Social Science/ Can. World Studies	
7	Arts	Co-op	Social Science/ Can. World Studies	Cooperative Education	
8	Technology/ Computers/Business	Co-op	Health and Physical Education/Arts	Cooperative Education	

This Cooperative Education schedule is suited for students who wish to take senior Science courses for a post secondary destination in English, Business, Commerce, Sociology, Psychology, Philosophy, History, Geography, Political Science, Economics, International Studies.

English

English

ENG1D English, Grade 9, Academic

This course is designed to develop the oral communication, reading, writing, and media literacy skills that students need for success in their secondary school academic programs and in their daily lives. Students will analyse literary texts from contemporary and historical periods, interpret informational and graphic texts, and create oral, written, and media texts in a variety of forms. An important focus will be on the use of strategies that contribute to effective communication. The course is intended to prepare students for the grade 10 academic English course, which leads to university or college preparation courses in grades 11 and 12.

Prerequisite: None

ENG1P English, Grade 9, Applied

This course is designed to develop the key oral communication, reading, writing, and media literacy skills students need for success in secondary school and daily life. Students will read, interpret, and create a variety of informational, literary, and graphic texts. An important focus will be on identifying and using appropriate strategies and processes to improve students' comprehension of texts and to help them communicate clearly and effectively. The course is intended to prepare students for the grade 10 applied English course which leads to college or workplace preparation courses in grades 11 and 12.

Prerequisite: None

ENG1L English, Grade 9, Locally Developed Compulsory Credit Course

This course provides foundational literacy and communication skills to prepare students for success in their daily lives, in the workplace, and in the English grade 10 LDCC Course. The course is organized by strands that develop listening and talking skills, reading and viewing skills, and writing skills. In all strands the focus is on developing foundational literacy skills and in using language clearly and accurately in a variety of authentic contexts. Students develop strategies and put into practice the processes involved in talking, listening, reading, viewing, writing, and thinking, and reflect regularly upon their growth in these areas.

Prerequisite: None

ENG2D English, Grade 10, Academic

This course is designed to extend the range of oral communication, reading, writing, and media literacy skills that students need for success in their secondary school academic programs and in their daily lives. Students will analyse literary texts from contemporary and

historical periods, interpret and evaluate informational and graphic texts, and create oral, written, and media texts in a variety of forms. An important focus will be on the selective use of strategies that contribute to effective communication. This course is intended to prepare students for the compulsory grade 11 university or college preparation course.

Prerequisite: English, Grade 9, Academic or Applied

ENG2P English, Grade 10, Applied

This course is designed to extend the range of oral communication, reading, writing, and media literacy skills that students need for success in secondary school and daily life. Students will study and create a variety of informational, literary, and graphic texts. An important focus will be on the consolidation of strategies and processes that help students interpret texts and communicate clearly and effectively. This course is intended to prepare students for the compulsory grade 11 college or workplace preparation course.

Prerequisite: English, Grade 9, Academic or Applied

ENG2L English, Grade 10, Locally Developed Compulsory Credit Course

In this course students focus on extending their literacy and communication skills to prepare for success in their daily lives, in the workplace, in the English Grade 11 Workplace Preparation Course, or in the English: Contemporary Aboriginal Voices, Grade 11 Workplace Preparation Course. The course is organized by strands that extend listening and talking skills, reading and viewing skills, and writing skills. In all strands the focus is on refining foundational literacy skills and on using language clearly and accurately in a variety of authentic contexts. Students build on their strategies and engage in the processes involved in talking, listening, reading, viewing, writing, and thinking and reflect, regularly upon their growth in these areas.

Prerequisite: Grade 9 English credit

ENG3U English, Grade 11, University Preparation

This course emphasizes the development of literacy, communication, and critical and creative thinking skills necessary for success in academic and daily life. Students will analyse challenging literary texts from various periods, countries, and cultures, as well as a range of informational and graphic texts, and create oral, written, and media texts in a variety of forms. An important focus will be on using language with precision and clarity and incorporating stylistic devices appropriately and effectively. The course is intended to prepare students for the compulsory grade 12 university or college preparation course.

Prerequisite: English, Grade 10, Academic

ENG3C

English, Grade 11, College Preparation

This course emphasizes the development of literacy, communication, and critical and creative thinking skills necessary for success in academic and daily life. Students will study the content, form, and style of a variety of informational and graphic texts, as well as literary texts from Canada and other countries and create oral, written, and media texts in a variety of forms for practical and academic purposes. An important focus will be on using language with precision and clarity. The course is intended to prepare students for the compulsory grade 12 college preparation course.

Prerequisite: English, Grade 10, Applied

ENG3E

English, Grade 11, Workplace Preparation

This course emphasizes the development of literacy, communication, and critical and creative thinking skills necessary for success in the workplace and in daily life. Students will study the content, form, and style of a variety of contemporary informational, graphic, and literary texts and create oral, written, and media texts in a variety of forms for practical purposes. An important focus will be on using language clearly and accurately in a variety of formal and informal contexts. The course is intended to prepare students for the compulsory grade 12 workplace preparation course.

Prerequisite: English, Grade 10, Applied

ENG4U

English, Grade 12, University Preparation

This course emphasizes the consolidation of the literacy, communication, and critical and creative thinking skills necessary for success in academic and daily life. Students will analyse a range of challenging literary texts from various periods, countries, and cultures; interpret and evaluate informational and graphic texts; and create oral, written, and media texts in a variety of forms. An important focus will be on using academic language coherently and confidently, selecting the reading strategies best suited to particular texts and particular purposes for reading, and developing greater control in writing. The course is intended to prepare students for university, college, or the workplace.

Prerequisite: English, Grade 11, University Preparation

ENG4C

English, Grade 12, College Preparation

This course emphasizes the consolidation of literacy, communication, and critical and creative thinking skills necessary for success in academic and daily life. Students will analyse a variety of informational and graphic texts, as well as literary texts from various countries and cultures, and create oral, written, and media texts in a variety of forms for practical and academic purposes. An important focus will be on using language with precision and clarity and developing greater control in writing. The course is intended to prepare students for college or the workplace.

Prerequisite: English, Grade 11, College Preparation

ENG4E

English, Grade 12, Workplace Preparation

This course emphasizes the consolidation of literacy, communication, and critical and creative thinking skills necessary for success in the workplace and in daily life. Students will analyse informational, graphic, and literary texts and create oral, written, and media texts in a variety of forms for workplace-related and practical purposes. An important focus will be on using language accurately and organizing ideas and information coherently. The course is intended to prepare students for the workplace and active citizenship.

Prerequisite: English, Grade 11, Workplace Preparation

Optional Courses

ELS20

Literacy Skills: Reading and Writing, Grade 10, Open

This course is designed to help students strengthen essential reading and writing skills, providing them with the extra literacy support they need in order to graduate. Students will read informational, graphic, and literary texts with a focus on locating information, identifying main ideas and supporting details, building vocabulary, and consolidating skills in the application of key comprehension strategies. The course will also help students develop core learning strategies.

Prerequisite: English, Grade 9, Academic or Applied or a Grade 9 English LDCC course

ETC3M

Canadian Literature, Grade 11, University/College Preparation

This course emphasizes the study and analysis of literary texts by Canadian authors for students with a special interest in Canadian literature. Students will study the themes, forms, and stylistic elements of a variety of literary texts representative of various time periods and of the diverse cultures and regions of Canada, and will respond personally, critically, and creatively to them.

Prerequisite: English, Grade 10, Academic or Applied

EMS30

Media Studies, Grade 11, Open

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

EPS30

Presentation and Speaking Skills, Grade 11, Open

This course emphasizes the knowledge and skills required to plan and make effective presentations and to speak effectively in both formal and informal contexts using such forms as reports, speeches, debates, panel discussions, storytelling, recitations, interviews, and multimedia presentations. Students will research and analyse the content and characteristics of convincing speeches and the techniques of effective speakers, design and rehearse presentations for a variety of purposes and audiences, select and use visual and technological aids to enhance their message, and assess the effectiveness of their own and others' presentations.

Prerequisite: English, Grade 10, Academic or Applied

ETS4U

Studies in Literature, Grade 12, University Preparation

This course is for students with a special interest in literature and literary criticism. The course may focus on themes, genres, time periods, or countries. Students will analyse a range of forms and stylistic elements of literary texts and respond personally, critically, and creatively to them. They will also assess critical interpretations, write analytical essays, and complete an independent study project.

Prerequisite: English, Grade 11, University Preparation

EWC4U

The Writer's Craft, Grade 12, University Preparation

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

ETS4C

Studies in Literature, Grade 12, College Preparation

This course is for students with a special interest in literature. The course may focus on themes, genres, time periods, or countries. Students will study a variety of forms and stylistic elements of literary texts and respond personally, critically, and creatively to them. They will also investigate critical interpretations and complete an independent study project.

Prerequisite: English, Grade 11, College Preparation

EWC4C

The Writer's Craft, Grade 12, College Preparation

This course emphasizes knowledge and skills related to the craft of writing. Students will investigate models of effective writing; use a workshop approach to write a variety of works; and make consid-

ered decisions for improving the quality of their writing. They will also complete a creative or analytical independent study project and investigate opportunities for publication and for writing careers.

Prerequisite: English, Grade 11, College Preparation

EBT40

Business and Technological Communication Grade 12, Open

This course emphasizes practical writing and communication skills that are needed in the world of business and technology. Students will analyse the characteristics of effective models of business and technical communications; gather information to write reports, business letters, memos, manuals, instructions, and brochures; and integrate graphics and text, using technology appropriately for formatting and special effects. They will also make a number of oral and visual presentations.

Prerequisite: English, Grade 11, University Preparation, College Preparation, or Workplace Preparation

ESL and ELD

English as a Second Language

ESLA0

English as a Second Language, Level 1, Open

This course builds on students' previous education and language knowledge to introduce them to the English language and help them adjust to the diversity in their new environment. Students will use beginning English language skills in listening, speaking, reading, and writing for everyday and essential academic purposes. They will engage in short conversations using basic English language structures and simple sentence patterns, read short adapted texts, and write phrases and short sentences. The course also provides students with the knowledge and skills they need to begin to adapt to their new lives in Canada.

Prerequisite: None

ESLB0

English as a Second Language, Level 2, Open

This course extends students' listening, speaking, reading, and writing skills in English for everyday and academic purposes. Students will participate in conversations in structured situations on a variety of familiar and new topics, read a variety of texts designed or adapted for English language learners, expand their knowledge of English grammatical structures and sentence patterns, and LINK English sentences to compose paragraphs. The course also supports students' continuing adaptation to the Ontario school system by expanding their knowledge of diversity in their new province and country.

*Prerequisite: English as a Second Language, Level 1, or equivalent**

ESLCO

English as a Second Language, Level 3, Open

This course further extends students' skills in listening, speaking, reading, and writing in English for a variety of everyday and academic purposes. Students will make short classroom oral presentations; read a variety of adapted and original texts in English; and write using a variety of text forms. As well, students will expand their academic vocabulary and their study skills to facilitate their transition to the mainstream school program. This course also introduces students to the rights and responsibilities inherent in Canadian citizenship and to a variety of current Canadian issues.

*Prerequisite: English as a Second Language, Level 2, or equivalent**

ESLDO

English as a Second Language, Level 4, Open

This course prepares students to use English with increasing fluency and accuracy in classroom and social situations and to participate in Canadian society as informed citizens. Students will develop the oral presentation, reading, and writing skills required for success in all school subjects. They will extend listening and speaking skills through participation in discussions and seminars; study and interpret a variety of grade-level texts; write narratives, articles, and summaries in English; and respond critically to a variety of print and media texts.

*Prerequisite: English as a Second Language, Level 3, or equivalent**

ESLEO

English as a Second Language, Level 5, Open

This course provides students with the skills and strategies they need to make the transition to college and university preparation courses in English and other secondary school disciplines. Students will be encouraged to develop independence in a range of academic tasks. They will participate in debates and lead classroom workshops; read and interpret literary works and academic texts; write essays, narratives, and reports; and apply a range of learning strategies and research skills effectively. Students will further develop their ability to respond critically to print and media texts.

*Prerequisite: English as a Second Language, Level 4, or equivalent**

** Note: Equivalent may be an equivalent course of study completed in another province in Canada or in another country or a proficiency level determined through initial assessment.*

English Literacy Development

ELDAO

English Literacy Development, Level 1, Open

This course is intended for English language learners who have had limited access to schooling and thus have significant gaps in their first-language literacy skills. Students will use basic listening and speaking skills to communicate in English for everyday purposes,

develop readiness skills for reading and writing, begin to read highly structured texts for everyday and school-related purposes, and use basic English language structures and sentence patterns in speaking and writing. The course will also help students become familiar with school routines and begin to adapt to their new lives in Canada.

Prerequisite: None

ELDBO

English Literacy Development, Level 2, Open

This course is intended for English language learners who have had limited access to schooling and thus have gaps in their first-language literacy skills. Students will use their developing listening and speaking skills to communicate in English for a variety of purposes, develop reading strategies to understand a variety of simple texts, produce simple forms of writing, apply increasing knowledge of English grammatical structures in speaking and writing, expand their vocabulary; and develop fundamental study skills. The course will also provide opportunities for students to become familiar with and use school and community resources and to build their knowledge of Canada and diversity.

*Prerequisite: English Literacy Development, Level 1, or equivalent**

ELDCO

English Literacy Development, Level 3, Open

This course builds on students' growing literacy and language skills and extends their ability to communicate in English about familiar and school-related topics. Students will make brief oral presentations, improve their literacy skills through a variety of contextualized and supported reading and writing tasks, distinguish between fact and opinion in short written and oral texts, complete short guided-research projects, and engage in a variety of cooperative learning activities. The course will also enable students to strengthen and extend their study skills and personal-management strategies and to broaden their understanding of Canadian diversity and citizenship.

*Prerequisite: English Literacy Development, Level 2, or equivalent**

ELDDO

English Literacy Development, Level 4, Open

This course extends students' literacy skills and ability to apply learning strategies effectively and teaches them how to use community resources to enhance lifelong learning. Students will communicate with increased accuracy and fluency for a variety of academic and everyday purposes; perform a variety of guided reading, writing, and viewing tasks; and use media and community resources to complete guided-research projects. This course further develops the critical thinking skills students will need to participate in Canadian society as informed citizens.

*Prerequisite: English Literacy Development, Level 3, or equivalent**

French as a Second Language

ESL and ELD Continued

ELDEO

English Literacy Development, Level 5, Open

This course provides students with skills and strategies that will allow them to continue their education successfully and pursue pathways to employment that may involve apprenticeship and/or cooperative education programs. Students will communicate orally and in writing on a variety of topics; perform a variety of independent reading and writing tasks; interpret and create media texts; and use a range of media and community resources. This course also expands the critical thinking skills students will need in order to contribute to Canadian society as informed citizens.

*Prerequisite: English Literacy Development, Level 4, or equivalent**

** Note: Equivalent may be an equivalent course of study completed in another province in Canada or in another country or a proficiency level determined through initial assessment.*

French as a Second Language

Core French

FSF1D

Core French, Grade 9, Academic

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

FSF1P

Core French, Grade 9, Applied

This course emphasizes the concurrent development of oral communication, reading, and writing skills using a broad-based theme such as the media. Students will enhance their ability to understand and speak French through conversations, discussions, and presentations. They will also read short stories, articles, poems, and songs and write brief descriptions, letters, dialogues, and invitations.

Prerequisite: Minimum of 600 hours of French instruction or equivalent

FSF2D

Core French, Grade 10, Academic

This course enables students to increase their knowledge of the French language, further develop their language skills, and deepen their understanding and appreciation of francophone culture around

the world. Exploring a variety of themes students will develop and apply critical thinking skills in discussion, in their analysis and interpretation of texts, and in their own writing.

Prerequisite: Core French, Grade 9, Academic or Applied

FSF2P

Core French, Grade 10, Applied

This course emphasizes the further development of oral communication, reading, and writing skills using a broad-based theme such as adolescence. Students will expand their knowledge of French by studying a series of theme-related topics such as students' rights and responsibilities, relationships with peers and adults, and part-time jobs.

Prerequisite: Core French, Grade 9, Academic or Applied

FSF3U

Core French, Grade 11, University Preparation

This course draws on a variety of themes to promote extensive development of reading and writing skills and to reinforce oral communication skills. Students will gain a greater understanding of French-speaking cultures in Canada and around the world through their reading of a variety of materials including a short novel or a play. Students will produce various written assignments including a formal essay. The use of correct grammar and appropriate language conventions in both spoken and written French will be emphasized throughout the course.

Prerequisite: Core French, Grade 10, Academic

FSF3O

Core French, Grade 11, Open

This course draws on a broad theme, such as leisure activities, to develop oral communication, reading, and writing skills. Students will give presentations, read a selection of short stories and articles, and produce a variety of written assignments. The use of correct grammar and appropriate language conventions in both spoken and written French will be emphasized throughout the course.

Prerequisite: Core French, Grade 10, Academic or Applied

FSF4U

Core French, Grade 12, University Preparation

This course draws on a variety of themes to promote extensive development of French-language skills. Students will consolidate their oral skills as they discuss literature, culture, and current issues. They will read a variety of texts and will write a formal essay. The use of correct grammar and appropriate language conventions in both spoken and written French will be emphasized throughout the course.

Prerequisite: Core French, Grade 11, University Preparation

FSF4O

Core French, Grade 12, Open

This course focuses on the development of French-language skills that students can use in the business world or the workplace. Students will give presentations, read a selection of materials ap-

French as a Second Language

appropriate to the topics under study, and produce a variety of written assignments. The use of correct grammar and appropriate language conventions in both spoken and written French will be emphasized throughout the course.

Prerequisite: Core French, Grade 11, Open or University Preparation

Extended French

FEF1D

Extended French, Grade 9, Academic

This course emphasizes the expansion of students' oral communication, reading, and writing skills through the study of themes that reflect their interests. Students will apply their knowledge of French in discussions, debates, dramatizations, and oral presentations. Students will read and write in a variety of genres, e.g., poems, articles, brochures and study at least one short novel intended for a French-speaking audience.

Prerequisite: Minimum of 1,260 hours of instruction in French or equivalent

FEF2D

Extended French, Grade 10, Academic

This course emphasizes the continued development and refinement of students' oral communication, reading, and writing skills as they explore a variety of themes. Students will expand their knowledge and appreciation of francophone culture through the study and interpretation of novels, poems, and plays intended for a French-speaking audience.

Prerequisite: Extended French or French Immersion, Grade 9, Academic

FEF3U

Extended French, Grade 11, University Preparation

This course focuses on developing French-language skills through the study of Canadian francophone authors. Students will analyse a range of works and produce written assignments in a variety of genres, including the formal essay. The use of correct grammar and appropriate language conventions in both spoken and written French will be emphasized throughout the course.

Prerequisite: Extended French, Grade 10, Academic

FEF4U

Extended French, Grade 12, University Preparation

This course emphasizes the refinement of French-language skills through the study of Canadian and international francophone literature. Students will interpret literary works, produce written assignments in a variety of genres, and conduct research on a major topic for a written and oral presentation. The use of correct grammar and appropriate language conventions in both spoken and written French will be emphasized throughout the course.

Prerequisite: Extended French, Grade 11, University Preparation

French Immersion

FIF1D

French Immersion, Grade 9, Academic

This course enables students to enhance their knowledge of the French language and to further develop their language skills through the study of 20th century North American francophone literature and culture. Students will participate in oral communication, reading, and writing activities as they study an authentic novel and selected authentic poems, legends, songs, films, and newspaper articles from French-speaking parts of North America.

Prerequisite: Minimum of 3,800 hours of instruction in French or equivalent

FIF2D

French Immersion, Grade 10, Academic

This course enables students to increase their knowledge of the French language and to further develop their language skills through the study of 20th century European francophone literature and culture. Students will participate in oral communication, reading, and writing activities based on a variety of French literary and media works. They will study at least one novel and a selection of poems, short stories, films, plays, and newspaper and magazine articles.

Prerequisite: French Immersion, Grade 9, Academic

FIF3U

French Immersion, Grade 11, University Preparation

This course develops knowledge and language skills through the study of francophone literature and culture from around the world. Students will study novels, plays, poems, short stories, films, and non-fiction works and produce written assignments in a variety of forms, including critiques and précis. They will also write a formal research essay. The use of correct grammar and appropriate language conventions in both spoken and written French will be emphasized throughout the course.

Prerequisite: French Immersion, Grade 10, Academic

FIF4U

French Immersion, Grade 12, University Preparation

This course provides for extensive study of French literature and culture from the Middle Ages to the present. Students will study novels, plays, poems, films, and non-fiction works produced in various historical periods, and will write a formal research paper. The use of correct grammar and appropriate language conventions in both spoken and written French will be emphasized throughout the course.

Prerequisite: French Immersion, Grade 11, University Preparation

Guidance and Career Education

Guidance and Career Education

GLS10/GLE10/GLE20

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

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: For GLS10, none; For GLE10 and GLE20 — recommendation of principal

GLC20

Career Studies, Grade 10, Open

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

GLD20

Discovering the Workplace, Grade 10, Open

This course provides students with opportunities to discover and develop the workplace essential skills and work habits required to be successfully employed, and helps students make plans for continued learning and work. Students will develop an understanding of work through practical hands-on experiences in the school and in the community, using real workplace materials. They will investigate occupations of interest through experiential learning opportunities such as worksite visits, job shadowing, work experience, simulations, and entrepreneurial projects. This course helps students make plans for continued learning.

Prerequisite: None

GWL30

Designing Your Future, Grade 11, Open

This course prepares students to make successful transitions to post secondary destinations as they investigate specific post secondary options based on their skills, interests, and personal characteristics. Students will explore the realities and opportunities of the workplace and examine factors that affect success while refining their job search and employability skills. Students will expand their portfolios with a focus on their targeted destination and develop an action plan for future success.

Prerequisite: None

GPP30

Leadership and Peer Support, Grade 11, Open

This course prepares students to act in leadership and peer support roles. They will design and implement a plan for contributing to their school and/or community; develop skills in communication, interpersonal relations, teamwork, and conflict management; and apply those skills in leadership and/or peer support roles — for example, as a student council member or a peer tutor. Students will examine group dynamics and learn the value of diversity within groups and communities.

Prerequisite: None

GLS40/GLE40/GLE30

Advanced Learning Strategies: Skills for Success After Secondary School, Grade 12, Open

This course improves students' learning and personal management skills, preparing them to make successful transitions to work, training, and/or post secondary education destinations. Students will assess their learning abilities and use literacy, numeracy, and research skills and personal management techniques to maximize their learning. Students will investigate trends and resources to support their post secondary employment, training, and/or education choices and develop a plan to help them meet their learning and career goals.

Prerequisite: For GLS40, None; for GLE40 and GLE30 — recommendation of principal

GLN40

Navigating the Workplace, Grade 12, Open

This course provides students with opportunities to develop the workplace skills and work habits required for success in all types of workplaces. Students will explore occupations and careers of interest through participation in real workplace experiences. They will make plans for continued learning and work, work with others to design learning experiences, and investigate the resources and support required to make a smooth transition to their post secondary destination.

Prerequisite: None

Health and Physical Education

Health and Physical Education

PPL10

Healthy Active Living Education, Grade 9, Open

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

PPL20

Healthy Active Living Education, Grade 10, Open

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

PPL30

Healthy Active Living Education, Grade 11, Open

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

PPZ30

Health for Life, Grade 11, Open

This course helps students develop a personalized approach to healthy living. Students will examine the factors that affect their own health and the health of individuals as members of the community. They will learn about the components of the Vitality approach to healthy living — an initiative that promotes healthy eating, an active lifestyle, and a positive self-image. Throughout this course, students will develop the skills necessary to take charge of and improve their own health, as well as to encourage others to lead healthy lives.

Prerequisite: None

PPL40

Healthy Active Living Education, Grade 12, Open

This course focuses on the development of a personalized approach to healthy active living through participation in a variety of sports and recreational activities that have the potential to engage students' interest throughout their lives. Students will develop and implement personal physical fitness plans. In addition, they will be given opportunities to refine their decision making, conflict resolution, and interpersonal skills, with a view to enhancing their mental health and their relationships with others.

Prerequisite: None

PSE4U

Exercise Science, Grade 12, University Preparation

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

PLF4C

Recreation and Fitness Leadership, Grade 12 College Preparation

This course focuses on the development of leadership and coordination skills related to recreational activities. Students will acquire the knowledge and skills required to plan, organize, and implement recreational events. They will also learn how to promote the value of physical fitness, personal well-being, and personal safety to others through mentoring. The course will prepare students for college programs in recreational, leisure, and fitness leadership.

Prerequisite: Any grade 11 or 12 open course in Health and Physical Education

Physical Education Focus Courses for Grades 10 to 12

PAF	Personal and Fitness Activities
PAQ	Aquatics
PAL	Large Group Activities
PAR	Rhythm and Movement
PAI	Individual and Small Group Activities
PAD	Outdoor Activities

PAD

This co-ed, group-oriented course takes place primarily within 'the outdoor classroom' (on/around the school grounds, local Outdoor Education centres, and extended field trips) as well as within the conventional classroom and challenges students to learn by doing.

Interdisciplinary Studies

Health and Physical Education Continued

Guided by Outdoor Education's '3 Rs' (Respect, Relatedness, and Responsibility) students will be expected to explore and demonstrate appropriate knowledge, skills, and attitudes within three interconnected themes:

- the Outdoor Skills necessary for safe, comfortable outdoor experiences in all seasons
- the Personal and Group Development ("Team Building") skills of Adventure Education which stress understanding, respect, and appreciation for self and others
- the Environmental Understandings which acknowledge the importance of all living things and an understanding of the basic ecological processes which are necessary to sustain all life on this planet

The specific learning expectations of the Outdoor Activities courses outline the knowledge and skills that students are expected to demonstrate from the Healthy Active Living courses at the same grade level but with a focus on Outdoor Activities.

Please note that students may take more than one Healthy Active Living Education course for credit at all grade levels.

Interdisciplinary Studies

IDC30/IDP30

Interdisciplinary Studies, Grade 11, Open

This course will help students combine the skills required for and knowledge of different subjects and disciplines to solve problems, make decisions, create personal meaning, and present findings beyond the scope of a single subject or discipline. Through individual and collaborative inquiry and research, students will analyse the connections among diverse subjects and disciplines; develop information literacy skills in analysing, selecting, evaluating, and communicating information; and become aware of a variety of resources and viewpoints on contemporary issues. They will also examine their own learning styles, relate their inquiries and research to real-life situations, and investigate career opportunities in new disciplines.

Prerequisite: For IDC30, none; for IDP30, the prerequisite for each of the courses in the package

IDC40/IDP40

Interdisciplinary Studies, Grade 12, Open

This course emphasizes the development of practical skills and knowledge to solve problems, make decisions, create personal meaning, and present findings beyond the scope of a single subject or discipline.

Through individual and collaborative inquiry and research into contemporary issues, real-life situations, and careers, students will apply the principles and skills derived from the complementary subjects and disciplines studied, evaluate the reliability of information, and examine how information technology can be used safely, effectively, and legally. They will also learn how to select strategies to define problems, research alternative solutions, assess their thinking in reaching decisions, and adapt to change as they acquire new knowledge.

Prerequisite: For IDC40, none; for IDP40, the prerequisite for each of the courses in the package

IDC4U/IDP4U

Interdisciplinary Studies, Grade 12, University Preparation

This course will help students develop and consolidate the skills required for and knowledge of different subjects and disciplines to solve problems, make decisions, create personal meaning, and present findings beyond the scope of a single subject or discipline. Students will apply the principles and processes of inquiry and research to effectively use a range of print, electronic, and mass media resources; to analyse historical innovations and exemplary research; and to investigate real-life situations and career opportunities in interdisciplinary endeavours. They will also assess their own cognitive and affective strategies, apply general skills in both familiar and new contexts, create innovative products, and communicate new knowledge.

Prerequisite: For IDC4U, any university or university/college preparation course; for IDP4U, the prerequisite for each of the courses in the package

Mathematics

MPM1D

Principles of Mathematics, Grade 9, Academic

This course enables students to develop 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 relationship. They will also explore relationships that emerge from the measurement of three-dimensional objects and two-dimensional shapes. Students will reason mathematically and communicate their thinking as they solve multi-step problems. Successful completion of this course prepares students for Principles of Mathematics, Grade 10, Academic (MPM2D) or Foundations of Mathematics, Grade 10, Applied (MFM2P). Learning through abstract reasoning is an important aspect of this course.

Prerequisite: None

MFM1P

Foundations of Mathematics, Grade 9, Applied

This course enables students to develop understanding of mathematical concepts related to introductory algebra, proportional reasoning, and measurement and geometry through investigation, the effective use of technology, and hands-on activities. Students will investigate real-life examples to develop various representations of linear relationships and will determine the connections between the representations. They will also explore certain relationships that emerge from the measurement of three-dimensional objects and two-dimensional shapes. Students will consolidate their mathematical skills as they solve problems and communicate their thinking. Successful completion of this course prepares students for Foundations of Mathematics, Grade 10, Applied (MFM2P). (Note: Students who wish to take Principles of Mathematics, Grade 10, Academic (MPM2D) after completing this course will need to take a transfer course.) Learning through hands-on activities and the use of concrete examples is an important aspect of this course.

Prerequisite: None

MAT1L

Mathematics, Grade 9, Locally Developed Compulsory Credit Course

This course emphasizes further development of mathematical knowledge and skills to prepare students for success in their everyday lives, in the workplace, and in the Grade 10 LDCC course. The course is organized by three strands related to money sense, measurement, and proportional reasoning. In all strands the focus is on developing and consolidating key foundational mathematical concepts and skills by solving authentic, everyday problems. Students have opportunities to further develop their mathematical literacy

and problem-solving skills and to continue developing their skills in reading, writing, and oral language through relevant and practical math activities.

Prerequisite: None

MPM2D

Principles of Mathematics, Grade 10, Academic

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, or Mathematics Grade 9, Applied and Mathematics Transfer course, Grade 9, Applied to Academic

MFM2P

Foundations of Mathematics, Grade 10, Applied

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 and 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: Principles of Mathematics, Grade 9, Academic or Foundations of Mathematics, Grade 9, Applied

MAT2L

Mathematics, Grade 10, Locally Developed Compulsory Credit Course

This course emphasizes the extension of mathematical knowledge and skills to prepare students for success in their everyday lives, in the workplace, and in the Grade 11 Mathematics Workplace Preparation course. The course is organized by three strands related to money sense, measurement, and proportional reasoning. In all strands the focus is on strengthening and extending key foundational mathematical concepts and skills by solving authentic, everyday problems. Students have opportunities to extend their mathematical literacy and problem-solving skills and to continue developing their skills in reading, writing, and oral language through relevant and practical math activities.

Prerequisite: A grade 9 Mathematics credit

Mathematics

MCR3U

Functions, Grade 11, University Preparation

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

MCF3M

Functions and Applications, Grade 11 University/College Preparation

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

MBF3C

Foundations for College Mathematics, Grade 11 College Preparation

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 will 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

MEL3E

Mathematics for Work and Everyday Life, Grade 11 Workplace Preparation

This course enables students to broaden their understanding of mathematics as it is applied in the workplace and daily life. Students will solve problems associated with earning money, paying taxes, and making purchases; apply calculations of simple and compound interest in saving, investing, and borrowing; and calculate the costs of transportation and travel in a variety of situations. Students will

consolidate their mathematical skills as they solve problems and communicate their thinking.

Prerequisite: Principles of Mathematics, Grade 9, Academic, or Foundations of Mathematics, Grade 9, Applied, or a Ministry-approved locally developed Grade 10 Mathematics course

MCV4U

Calculus and Vectors, Grade 12, University Preparation

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 modelling 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.

Prerequisite: Advanced Functions, Grade 12, University Preparation.

Note: The new Advanced Functions course must be taken prior to or concurrently with MCV4U.

MHF4U

Advanced Functions, Grade 12, University Preparation

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

MDM4U

Mathematics of Data Management, Grade 12 University Preparation

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

MCT4C **Mathematics for College Technology, Grade 12** **College Preparation**

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

Prerequisite: Functions and Applications, Grade 11, University/College Preparation, or Functions, Grade 11, University Preparation

MAP4C **Foundations for College Mathematics, Grade 12** **College Preparation**

This course enables students to broaden their understanding of real-world applications of mathematics. Students will analyse data using statistical methods; solve problems involving applications of geometry and trigonometry; solve financial problems connected with annuities, budgets, and renting or owning accommodation; simplify expressions; and solve equations. Students will reason mathematically and communicate their thinking as they solve multi-step problems. This course prepares students for college programs in areas such as business, health sciences, and human services, and for certain skilled trades.

Prerequisite: Foundations for College Mathematics, Grade 11, College Preparation, or Functions and Applications, Grade 11, University/College Preparation

MEL4E **Mathematics for Work and Everyday Life, Grade 12** **Workplace Preparation**

This course enables students to broaden their understanding of mathematics as it is applied in the workplace and daily life. Students will investigate questions involving the use of statistics; apply the concept of probability to solve problems involving familiar situations; investigate accommodation costs, create household budgets, and prepare a personal income tax return; use proportional reasoning; estimate and measure; and apply geometric concepts to create designs. Students will consolidate their mathematical skills as they solve problems and communicate their thinking.

Prerequisite: Mathematics for Work and Everyday Life, Grade 11, Workplace Preparation

MPM1H **Mathematics Transfer Course, Grade 9 Applied** **to Academic**

This transfer course will provide students who have successfully completed Foundations of Mathematics, Grade 9, Applied with an opportunity to achieve the expectations not covered in that course but included in Principles of Mathematics, Grade 9, Academic. On successful completion of this transfer course, students may proceed to Principles of Mathematics, Grade 10, Academic (MPM2D). This transfer course focuses on developing number sense and algebra, linear relations, analytic geometry, and measurement and geometry through investigation, the effective use of technology, and abstract reasoning. Students will reason mathematically and communicate their thinking as they solve multi-step problems.

Prerequisite: Foundations of Mathematics, Grade 9, Applied (MFM1P), Credit Value: 0.5

Native Studies

Native Studies

NAC10

Expressing Aboriginal Cultures, Grade 9, Open

This course examines Aboriginal cultures in Canada through an exploration of art forms — painting, sculpture, storytelling, dance, and music — created by Aboriginal artists. Students will learn to identify Aboriginal art forms and describe relationships between the art forms and Aboriginal traditions, philosophy, and culture. Students will also create their own art forms to express their understanding of Aboriginal identity, relationships, and sovereignty.

Prerequisite: None

NAC20

Aboriginal Peoples in Canada, Grade 10, Open

This course emphasizes historical and contemporary issues that affect the relationship between Aboriginal peoples and Canadian governments. Students will examine legal, political, social, and economic issues; key aspects of the Indian Act and its revisions that have an impact on the daily lives of an Aboriginal person; the different types of relationships that Aboriginal peoples have established with other nations throughout history; and the methodology of historical inquiry.

Prerequisite: None

NBE3U

English: Contemporary Aboriginal Voices, Grade 11 University Preparation

This course emphasizes the development of literacy, critical thinking, and communication skills through the study of works in English by Aboriginal writers. Through the analysis of literary texts and media works, students will develop an appreciation of the wealth and complexity of Aboriginal writing. Students will also conduct research and analyse the information gathered; write persuasive and literary essays; and analyse the relationship between media forms and audiences. An important focus will be the further development of students' understanding of English-language usage and conventions.

Prerequisite: English, Grade 10, Academic

NBE3C

English: Contemporary Aboriginal Voices, Grade 11 College Preparation

This course emphasizes the development of literacy, critical thinking, and communication skills through the study of works in English by Aboriginal writers. Students will study the content, form, and style of informational texts and literary and media works, and will develop an appreciation of the wealth and complexity of Aboriginal writing. Students will also write reports, correspondence, and persuasive essays, and analyse the relationship between media forms and audiences. An important focus will be on establishing appropriate voice and using business and technical language with precision and clarity.

Prerequisite: English, Grade 10, Academic or Applied

NBE3E

English: Contemporary Aboriginal Voices, Grade 11 Workplace Preparation

This course emphasizes the development of literacy, critical thinking, and communication skills through the study of works in English by Aboriginal writers. Students will study the content, form, and style of informational texts and literary and media works, and will develop an appreciation of the wealth and complexity of Aboriginal writing. Students will also write explanations, letters, and reports, and will investigate the connections between media forms and audiences. An important focus will be on using language clearly, accurately, and effectively in a variety of contexts.

Prerequisite: English, Grade 10, Academic or Applied

NBV3M

Current Aboriginal Issues in Canada, Grade 11 University/College Preparation

This course focuses on existing and emerging issues of importance to Aboriginal peoples in Canada. Students will investigate issues related to identity, relationships among Aboriginal peoples and between Aboriginal peoples and other Canadians, sovereignty principles as presented by Aboriginal peoples, and the contemporary challenges posed by these issues. Students will also examine such topics as language preservation, the responsibilities of Aboriginal men and women, and the need for dialogue between Aboriginal and non-Aboriginal peoples.

Prerequisite: Aboriginal Peoples in Canada, Grade 10, Open or Canadian History Since World War I, Grade 10, Academic or Applied

NBV3C

Aboriginal Beliefs, Values, and Aspirations in Contemporary Society, Grade 11, College Preparation

This course focuses on the beliefs, values, and aspirations of Aboriginal peoples in Canada. Students will examine world views of Aboriginal peoples and the political, economic, cultural, and social challenges facing individuals and communities. Students will also learn how traditional and contemporary beliefs and values influence the aspirations and actions of Aboriginal peoples.

Prerequisite: Aboriginal Peoples in Canada, Grade 10, Open or

Canadian History Since World War I, Grade 10, Academic or Applied

NBV3E

Aboriginal Beliefs, Values, and Aspirations in Contemporary Society, Grade 11, Workplace Preparation

This course focuses on the beliefs, values, and aspirations of Aboriginal peoples in Canada. Students will examine issues of identity facing Indian, Métis, and Inuit peoples, and their relationships to land and nature, as well as to one another within their communities and working environments. Students will also learn how traditional and contemporary beliefs and values influence the present-day aspirations and actions of Aboriginal peoples.

Prerequisite: Aboriginal Peoples in Canada, Grade 10, Open or

Canadian History Since World War I, Grade 10, Academic or Applied

Native Studies Continued

NDG4M

Aboriginal Governance: Emerging Directions, Grade 12 University/College Preparation

This course investigates how Aboriginal governments exercise authority and demonstrate responsibilities associated with governance in Canada. Students will explore Aboriginal world views regarding identity, relationships among Aboriginal peoples and between Aboriginal peoples and other Canadians, and Aboriginal definitions of sovereignty. Students will also compare traditional and contemporary forms of Aboriginal governance and will examine Aboriginal and Canadian relations focusing on empowerment and the inherent right to self-government.

Prerequisite: Any grade 11 university, university/college, or college preparation course in Native Studies

NDW4M

Issue of Indigenous Peoples in a Global Context Grade 12, University/College Preparation

This course provides students with an overview of the issues and challenges that confront indigenous peoples worldwide. Students will develop an understanding of the concerns and aspirations of the world's indigenous population, plan and conduct research on global issues that have an impact on indigenous peoples, and use of information technology to consult materials related to the views of indigenous peoples throughout the world.

Prerequisite: Any grade 11 university, university/college, or college preparation course in Native Studies

Science

SNC1D

Science, Grade 9, Academic

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

SNC1P

Science, Grade 9, Applied

This course enables students to develop their understanding of basic concepts in biology, chemistry, earth and space science, and physics

and to apply their knowledge of science to everyday situations. They are also given opportunities to develop practical skills related to scientific investigation. Students will plan and conduct investigations into practical problems and issues related to the impact of human activity on ecosystems, the structure and properties of elements and compounds, space exploration and the components of the universe, and static and current electricity.

Prerequisite: None

SNC1L

Science, Grade 9, Locally Developed Compulsory Credit Course

This course emphasizes reinforcing and strengthening science-related knowledge and skills including scientific inquiry, critical thinking and the relationship between science, society, and the environment, to prepare students for success in everyday life, in the workplace and in the Science Grade 11 Workplace Preparation course.

Students explore a range of topics including science in daily life, properties of common materials, life-sustaining processes in simple and complex organisms, and electrical circuits. Students have the opportunity to extend mathematical and scientific-process skills in reading, writing, and oral language through relevant and practical science activities.

Prerequisite: None

SNC2D

Science, Grade 10, Academic

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

SNC2P

Science, Grade 10, Applied

This course enables students to develop a deeper understanding of concepts in biology, chemistry, earth and space science, and physics and to apply their knowledge of science in real-world situations. Students are given opportunities to develop further practical skills in scientific investigation. Students will plan and conduct investigations into everyday problems and issues related to human cells and body systems, chemical reactions, factors affecting climate change, and the interaction of light and matter.

Prerequisite: Science, Grade 9, Academic or Applied

Science

SNC2L

Science, Grade 10, Locally Developed Compulsory Credit Course

This course emphasizes reinforcing and strengthening science-related knowledge and skills including scientific inquiry, critical thinking and the relationship between science, society, and the environment to prepare students for success in everyday life, in the workplace, and in the Science Grade 11 Workplace Preparation course. Students explore a range of topics including science in daily life, properties of common materials, life-sustaining processes in simple and complex organisms, and electrical circuits. Students have the opportunity to extend mathematical and scientific process skills and to continue developing their skills in reading, writing, and oral language through relevant and practical science activities.

Prerequisite: None

SVN3M

Environmental Science, Grade 11 University/College Preparation

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: Science, Grade 10, Academic or Applied

SVN3E

Environmental Science, Grade 11, Workplace Preparation

This course provides students with the fundamental knowledge of and skills relating to environmental science that will help them succeed in work and life after secondary school. Students will explore a range of topics including the impact of human activities on the environment, human health and the environment, energy conservation, resource science and management, and safety and environmental responsibility in the workplace. Emphasis is placed on relevant, practical applications and current topics in environmental science with attention to the refinement of students' literacy and mathematical literacy skills as well as the development of their scientific and environmental literacy.

Prerequisite: Science, Grade 9, Academic or Applied, or a Grade 9 or 10 Locally Developed Compulsory Credit (LDCC) course in Science

SNC4M

Science, Grade 12, University/College Preparation

This course enables students, including those pursuing post secondary programs outside the sciences, to increase their understanding of science and contemporary social and environmental issues in health-related fields. Students will explore a variety of medical technologies, pathogens and disease, nutritional science, public health issues, and biotechnology. The course focuses on the theoretical aspects of the topics under study and helps refine students' scientific investigation skills.

Prerequisite: Science, Grade 10, Academic or any Grade 11 University, University/College, College Preparation course in Science

SNC4E

Science, Grade 12, Workplace Preparation

This course provides students with fundamental science knowledge and workplace skills needed to prepare them for success beyond secondary school. Students will explore hazards in the workplace, chemicals in consumer products, disease and its prevention, electricity at home and at work, and nutritional science. Emphasis is placed on current topics in science and relevant, practical activities that develop students' literacy and mathematical literacy skills and enhance their scientific literacy.

Prerequisite: Science, Grade 10 Applied or a Grade 10 Locally Developed Compulsory Credit (LDCC) course in Science

Biology

SBI3U

Biology, Grade 11, University Preparation

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

Prerequisite: Science, Grade 10, Academic

SBI3C

Biology, Grade 11, College Preparation

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

Prerequisite: Science, Grade 10, Academic or Applied

SBI4U

Biology, Grade 12, University Preparation

This course provides students with the opportunity for in-depth study of the concepts and processes that occur in biological systems.

Students will study theory and conduct investigations in the areas of biochemistry, metabolic processes, molecular genetics, homeostasis, and population dynamics. Emphasis will be placed on the achievement of detailed knowledge and the refinement of skills needed for further study in various branches of the life sciences and related fields.

Prerequisite: Biology, Grade 11, University Preparation

Chemistry

SCH3U

Chemistry, Grade 11, University Preparation

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

Prerequisite: Science, Grade 10, Academic

SCH4U

Chemistry, Grade 12, University Preparation

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

Prerequisite: Chemistry, Grade 11, University Preparation

SCH4C

Chemistry, Grade 12, College Preparation

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

Prerequisite: Science, Grade 10, Academic or Applied

Earth and Space Science

SES4U

Earth and Space Science, Grade 12 University Preparation

This course develops students' understanding of Earth and its place in the universe. Students will investigate the properties of and forces in the universe and solar system and analyse techniques scientists use to generate knowledge about them. Students will closely examine the materials of Earth, its internal and surficial processes, and its geological history, and will learn how Earth's systems interact and how they have changed over time. Throughout the course, students will learn how these forces, processes, and materials affect their daily lives. The course draws on biology, chemistry, physics, and mathematics in its consideration of geological and astronomical processes that can be observed directly or inferred from other evidence.

Prerequisite: Science, Grade 10, Academic

Physics

SPH3U

Physics, Grade 11, University Preparation

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

Prerequisite: Science, Grade 10, Academic

SPH4U

Physics, Grade 12, University Preparation

This course enables students to deepen their understanding of physics concepts and theories. Students will continue their exploration of energy transformations and the forces that affect motion, and will investigate electrical, gravitational, and magnetic fields and electromagnetic radiation. Students will also explore the wave nature of light, quantum mechanics, and special relativity. They will further develop their scientific investigation skills learning, for example, how to analyse, qualitatively and quantitatively, data relating to a variety of physics concepts and principles. Students will also consider the impact of technological applications of physics on society and the environment.

Prerequisite: Physics, Grade 11, University Preparation

Social Sciences and Humanities

Science Continued

SPH4C

Physics, Grade 12, College Preparation

This course develops students' understanding of the basic concepts of physics. Students will explore these concepts with respect to motion; mechanical, electrical, electromagnetic, energy transformation, hydraulic, and pneumatic systems; and the operation of commonly used tools and machines. They will develop their scientific investigation skills as they test laws of physics and solve both assigned problems and those emerging from their investigations. Students will also consider the impact of technological applications of physics on society and the environment.

Prerequisite: Science, Grade 10, Academic or Applied

Family Studies

HFN10/HFN20

Food and Nutrition, Grade 9 or 10, Open

This course explores the factors that affect attitudes and decisions about food, examines current issues of body image and food marketing, and is grounded in the scientific study of nutrition. Students will learn how to make informed food choices, how to prepare foods, and will investigate our Canadian food heritage and food industries as well as global food issues. The course introduces students to research skills related to food and nutrition.

Prerequisite: None

HIF10/HIF20

Individual and Family Living, Grade 9 or 10, Open

This course explores the challenges faced by all people: how to meet basic needs, how to relate to others, how to manage resources, and how to become responsible members of society. Students will acquire knowledge and skills that are needed to make the transition to adulthood. Teachers will instruct students in developing interpersonal, decision-making, and practical skills related to daily life. Students will explore the functioning of families and the diversities found among families and within society.

Prerequisite: None

HPW3C

Living and Working with Children, Grade 11 College Preparation

This course focuses on the well-being of children in families and community settings. Students will study child behaviour and child development in the context of relationships with parents and others in the community and will learn through research and by observing and interacting with children. This course prepares students for further study of children, familiarizes them with occupational opportunities related to working with children, and introduces them to skills used in researching and investigating children's behaviour in response to others.

Prerequisite: None

HIR3C

Managing Personal and Family Resources, Grade 11 College Preparation

This course explores how to use human, material, and community resources effectively, and how to make informed choices with respect to clothing purchases, finance, food and nutrition, housing, and transportation. Students will learn about the dynamics of human interaction; how to make responsible choices in their transition to post secondary education and careers; and strategies to enable them to manage time, talent, and money effectively. This course also introduces students to skills used in researching and investigating resource management.

Prerequisite: None

HIP3E

Managing Personal Resources, Grade 11 Workplace Preparation

This course prepares students for living independently and working successfully with others. Students will learn to manage their personal resources including talent, money, and time, to develop interpersonal skills, and to understand economic influences on workplace issues in order to make wise and responsible personal and occupational choices. The course emphasizes the achievement of expectations through practical experiences and introduces students to skills used in researching and investigating resource management.

Prerequisite: None

HNC30

Fashion and Creative Expression, Grade 11, Open

This course explores what clothing communicates about the wearer and how it becomes a creative and entrepreneurial outlet through the design and production processes. Students will learn, through practical experiences, about the nature of fashion design; the characteristics of fibres and fabrics; the construction, production, and marketing of clothing; and how to plan and care for a wardrobe that is appropriate for an individual's appearance, activities, employment, and lifestyle. Students will develop research skills as they explore the evolution of fashion and its relationship to society, culture, and individual psychology.

Prerequisite: None

HLS30

Living Spaces and Shelter, Grade 11, Open

This course analyses how different types of living spaces and forms of shelter meet people's physical, social, emotional, and cultural needs and reflect society's values, established patterns of living, and economic and technological developments. Students will learn how to make practical decisions about where to live and how to create functional and pleasing environments and will explore occupational opportunities related to housing and design. They will also learn skills used in researching and investigating living accommodations and housing.

Prerequisite: None

Social Sciences and Humanities

HPC30

Parenting, Grade 11, Open

This course focuses on the skills and knowledge needed to promote the positive and healthy nurturing of children, with particular emphasis on the critical importance of the early years to human development. Students will learn how to meet the developmental needs of young children, communicate and discipline effectively, and guide early behaviour. They will have practical experiences with infants, toddlers, and preschoolers and will learn skills in researching and investigating questions relating to parenting.

Prerequisite: None

HFA4M

Food and Nutrition Sciences, Grade 12 University/College Preparation

This course examines various nutritional, psychological, social, cultural, and global factors that influence people's food choices and customs. Students will learn about current Canadian and world-wide issues related to food, frameworks for making appropriate dietary choices, and food-preparation techniques. This course also refines students' skills used in researching and investigating issues related to food and nutrition.

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

HHS4M

Individuals and Families in a Diverse Society Grade 12, University/College Preparation

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

HHG4M

Issues in Human Growth and Development, Grade 12, University/College Preparation

This course offers a multi-disciplinary approach to the study of human development throughout the life cycle with particular emphasis on enhancing growth and development. Students will examine how early brain and child development are LINKed to lifelong learning, health, and well-being, and will develop childcare and human-relationship skills through practical experience in a community setting. This course also refines students' skills used in researching and

investigating issues related to human growth and development.

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

HPD4E

Parenting and Human Development, Grade 12 Workplace Preparation

This course prepares students for occupations involving older children, and for the responsibility of parenting, with emphasis on school-age and adolescent children. Students will learn, through practical experience in the community, how early child development affects later development, success in school, and personal and social well-being throughout life, and how children and parents change over time. This course also develops students' skills in researching and investigating various aspects of parenting and human development.

Prerequisite: None

HNB40

The Fashion Industry, Grade 12, Open

This course provides a historical perspective on fashion and design, exploring the origins, influence, and importance of fashion as an expression of national, cultural, religious, and personal identity. Students will learn about the many facets of the Canadian fashion industry, including both large-scale and small entrepreneurial enterprises, and its world-wide LINKs, as well as gaining practical experience in garment design, production, and care. This course also refines students' skills used in researching and investigating various aspects of the fashion industry.

Prerequisite: None

General Social Science

HSP3M

Introduction to Anthropology, Psychology, and Sociology, Grade 11, University/College Preparation

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

HSB4M

Challenge and Change in Society, Grade 12 University/College Preparation

This course examines the theories and methodologies used in anthropology, psychology, and sociology to investigate and explain

Social Sciences and Humanities

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

Philosophy

HZB30

Philosophy: The Big Questions, Grade 11, Open

This course addresses three or more of the following questions: What is a person? What is a meaningful life? What are good and evil? What is a just society? What is human knowledge? How do we know what is beautiful in art, music, and literature? Students will learn critical-thinking skills in evaluating philosophical arguments related to these questions, as well as skills used in researching and investigating various topics in philosophy.

Prerequisite: None

HZT4U

Philosophy: Questions and Theories, Grade 12 University Preparation

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

World Religions

HRT3M

World Religions: Beliefs, Issues, and Religious Traditions, Grade 11, University/College Preparation

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

HRF30

World Religions: Beliefs and Daily Life, Grade 11, Open

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

Prerequisite: None

Technological Education

TIJ10

Exploring Technologies, Grade 9, Open

This course enables students to further explore and develop technological knowledge and skills introduced in the elementary science and technology program. Students will be given the opportunity to design and create products and/or provide services related to the various technological areas or industries, working with a variety of tools, equipment, and software commonly used in the industry. Students will develop an awareness of environmental and societal issues, and will begin to explore secondary and postsecondary education and training pathways leading to careers in technology-related fields.

Prerequisite: None

Communications Technology

TGJ10

Exploring Communications Technology, Grade 9, Open

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 animation. Students will develop an awareness of related environmental and societal issues and will begin to explore secondary and postsecondary pathways leading to careers in the field.

Prerequisite: None

TGJ20

Communications Technology, Grade 10, Open

This course introduces students to communications technology from a media perspective. Students will work in the areas of TV/video and movie production, radio and audio production, print and graphic communications, photography, and animation. Student's projects may include computer-based activities such as creating videos, editing photos, working with audio, cartooning, developing animations, and designing web pages. Students will also develop an awareness of environmental and societal issues related to communications technology and explore secondary and postsecondary education and training pathways and career opportunities in the various communications technology fields.

Prerequisite: None

TGJ3M

Communications Technology, Grade 11 University/College Preparation

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 develop an awareness of related environmental and societal issues and explore college and university programs and career opportunities in the various communications technology fields.

Prerequisite: None

TGJ30

Communications Technology: Broadcast and Print Production, Grade 11, Open

This course enables students to develop knowledge and skills in the areas of graphic communication, printing and publishing, audio and video production, and broadcast journalism. Students will work both independently and as part of a production team to design and produce media products in a project-driven environment. Practical projects may include the making of signs, Yearbooks, video and/or audio productions, newscasts, and documentaries. Students will also develop an awareness of related environmental and societal issues and explore secondary and postsecondary education and training pathways and career opportunities in the various communications technology fields.

Prerequisite: None

TGJ4M

Communications Technology, Grade 12 University/College Preparation

This course enables students to further develop media and knowledge and skills while designing and producing projects in 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

TGJ40

Communications Technology: Digital Imagery and Web Design, Grade 12, Open

This course enables students to develop knowledge and skills in the areas of photography, digital imaging, animation, 3D modeling, and web design. Students will work both independently and as part of a production team to design and produce media products in a project-driven environment. Practical projects may include photo galleries, digital images, animations, 3D models, and websites. Students will also expand their awareness of environmental and societal issues related to communications technology and explore postsecondary education, training, and career opportunities.

Prerequisite: None

Technological Education

Communications Technology Emphasis Courses

TGI3M/4M	Interactive New Media and Animation
TGP3M/4M	Photography and Digital Imaging
TGG3M/4M	Print and Graphic Communications
TGR3M/4M	Radio, Audio, and Sound Production
TGV3M/4M	TV, Video, and Movie Production

Computer Technology

TEJ10

Exploring Computer Technology, Grade 9, Open

This exploratory course introduces students to concepts and skills in computer technology, which encompasses computer systems, networking, interfacing, and programming, as well as electronics and robotics. Students will develop an awareness of related environmental and societal issues and will begin to explore secondary and postsecondary pathways leading to careers in the field.

Prerequisite: None

TEJ20

Computer Technology, Grade 10, Open

This course introduces students to computer system, networking, and interfacing, as well as electronics and robotics. Students will assemble, repair, and configure computers with various types of operating systems and application software. Students will build small electronic circuits and write computer programs to control simple peripheral devices or robots. Students will develop an awareness of environmental and societal issues related to the use of computers and learn about secondary and postsecondary pathways to careers in computer technology.

Prerequisite: None

TEJ3M

Computer Engineering Technology, Grade 11 University/College Preparation

This course examines computer systems and control of external devices. Students will assemble computers and small networks by installing and configuring appropriate hardware and software. Students will develop knowledge and skills in electronics, robotics, programming, and networks, and will build systems that use computer programs and interfaces to control and/or respond to external devices. Students will develop an awareness of environmental and societal issues related to the use of computers, and will learn about college and university programs leading to careers in computer engineering.

Prerequisite: None

TEJ3E

Computer Technology, Grade 11, Workplace Preparation

This course enables students to develop knowledge and skills related to computer hardware, networks, operating systems, and

other software. Students will use utility and application software and learn proper procedures for installing, maintaining, and troubleshooting computer systems and networks. Students will develop an awareness of environmental and societal issues related to the use of computers, and will learn about apprenticeships and other employment opportunities in the field of computer technology that they may choose to pursue after graduation.

Prerequisite: None

TEJ4M

Computer Engineering Technology, Grade 12 University/College Preparation

This course extends students' understanding of computer systems and computer interfacing with external devices. Students will assemble computer systems by installing and configuring appropriate hardware and software and will learn more about fundamental concepts of electronics, robotics, programming, and networks. Students will examine environmental and societal issues related to the use of computers and explore postsecondary pathways leading to careers in computer engineering and related fields.

*Prerequisite: Computer Engineering Technology, Grade 11,
University/College Preparation*

TEJ4E

Computer Technology, Grade 12 Workplace Preparation

This course enables students to further develop their practical understanding of computer hardware, software, networks, and operating systems. Students will use utility and application software, and will follow proper procedures for installing, maintaining, and troubleshooting computer systems and networks. In addition to demonstrating an understanding of the ethical use and environmental effects of computers, students will develop marketable skills and assess career opportunities in the field.

*Prerequisite: Computer Technology, Grade 11,
Workplace Preparation*

Computer Technology Emphasis Courses

TEI3M/4M	Interfacing
TEL3M/4M	Electronics
TEN3M/4M	Networking
TER3M/4M	Robotics and Control Systems
TEC3E/4E	Computer Repair
TET3E/4E	Information Technology Support
TEW3E/4E	Network Support

Construction Technology

TCJ10

Exploring Construction Technology, Grade 9, Open

This exploratory course introduces students to concepts and skills

in construction technology which encompasses plumbing, electrical wiring, masonry, heating/cooling, carpentry, and woodworking. Students will develop an awareness of related environmental and societal issues and will begin to explore secondary and postsecondary pathways leading to careers in the field.

Prerequisite: None

TCJ20 Construction Technology, Grade 10, Open

This course introduces students to building materials and processes through opportunities to design and build various construction projects. Students will learn to create and read working drawings; become familiar with common construction materials, components, and processes; and perform a variety of fabrication, assembly, and finishing operations. They will use a variety of hand and power tools and apply knowledge of imperial and metric systems of measurement, as appropriate. Students will develop an awareness of environmental and societal issues related to construction technology and will explore secondary and postsecondary pathways leading to careers in the industry.

Prerequisite: None

TCJ3C Construction Engineering Technology, Grade 11 College, Preparation

This course focuses on the development of knowledge and skills related to residential construction. Students will gain hands-on experience using a variety of construction materials, processes, tools, and equipment; learn about building design and planning construction projects; create and interpret working drawings and sections; and learn how the Ontario Building Code and other regulations and standards apply to construction projects. Students will also develop an awareness of environmental and societal issues related to construction technology and explore career opportunities in the field.

Prerequisite: None

TCJ3E Construction Technology, Grade 11 Workplace Preparation

This course enables students to develop technical knowledge and skills related to carpentry, masonry, electrical systems, heating and cooling, and plumbing for residential construction. Students will gain hands-on experience using a variety of materials, processes, tools, and equipment to design, lay out, and build projects. They will create and read technical drawings, learn construction terminology, interpret building codes and regulations, and apply mathematical skills as they develop construction projects. Students will also develop an awareness of environmental and societal issues related to construction technology and explore postsecondary and career opportunities in the field.

Prerequisite: None

TCJ4C Construction Engineering Technology, Grade 12 College Preparation

This course enables students to further develop knowledge and skills related to residential construction and to explore light commercial construction. Students will gain hands-on experience using a variety of materials, processes, tools, and equipment and will learn more about building design and project planning. They will continue to create and interpret construction drawings and will extend their knowledge of construction terminology and of relevant building codes and regulations as well as health and safety standards and practices. Students will also focus on environmental and societal issues related to construction engineering technology and explore career opportunities in the field.

Prerequisite: Construction Engineering Technology, Grade 11, College Preparation

TCJ4E Construction Technology, Grade 12 Workplace Preparation

This course enables students to further develop technical knowledge and skills related to residential construction and to explore light commercial construction. Students will continue to gain hands-on experience using a variety of materials, processes, tools, and equipment; create and interpret construction drawings; and learn more about building design and project planning. They will expand their knowledge of terminology, codes and regulations, and health and safety standards related to residential and light commercial construction. Students will also expand their awareness of environmental and societal issues related to construction technology and explore entrepreneurship and career opportunities in the industry that may be pursued directly after graduation.

Prerequisite: Construction Technology, Grade 11, Workplace Preparation

TWJ3E Custom Woodworking, Grade 11, Workplace Preparation

This course enables students to develop knowledge and skills related to cabinet making and furniture making. Students will gain practical experience using a variety of the materials, tools, equipment, and joinery techniques associated with custom woodworking. Students will learn to create and interpret technical drawings and will plan, design, and fabricate projects. They will also develop an awareness of environmental and societal issues related to the woodworking industry and explore apprenticeships, postsecondary training, and career opportunities in the field that may be pursued directly after graduation.

Prerequisite: None

Technological Education

TWJ4E

Custom Woodworking, Grade 12, Workplace Preparation

This course enables students to further develop knowledge and skills related to the planning, design, and construction of cabinets and furniture for residential and/or commercial projects. Students will gain further experience in the safe use of common woodworking materials, tools, equipment, finishes, and hardware and will learn about the entrepreneurial skills needed to establish and operate a custom-woodworking business. Students will also expand their awareness of health and safety issues and environmental and societal issues related to woodworking, and will explore career opportunities that may be pursued directly after graduation.

Prerequisite: Custom Woodworking, Grade 11, Workplace Preparation

Construction Technology Emphasis Courses

TCS3C/4C	Construction Management and Science
TCY3C/4C	Civil Engineering
TCC3E/4E	Carpentry
TCE3E/4E	Electrical/Network Cabling
TCH3E/4E	Heating and Cooling
TCM3E/4E	Masonry
TCP3E/4E	Plumbing

Green Industries

THJ10

Exploring Green Industries, Grade 9, Open

This exploratory course introduces students to concepts and skills related to the green industries — agriculture, forestry, horticulture, and landscaping. Students will develop an awareness of related environmental and societal issues and will begin to explore secondary and postsecondary pathways leading to careers in the field.

Prerequisite: None

THJ20

Green Industries, Grade 10, Open

This course introduces students to the various sectors of the green industries — agriculture, forestry, horticulture, floristry, and landscaping. Using materials, processes, and techniques commonly employed in these industries students will participate in a number of hands-on projects that may include plant or animal propagation; production, maintenance, and harvesting activities; the development of floral or landscaping designs; and/or related construction activities. Students will also develop an awareness of environmental and societal issues related to green industry activities, learn about safe and healthy working practices, and explore secondary and postsecondary education and training pathways and career opportunities in the various industry sectors.

Prerequisite: None

THJ3M

Green Industries, Grade 11 University/College Preparation

This course enables students to develop knowledge and skills related to agriculture, forestry, horticulture, and landscaping. Students will study the identification, growth, and management of plants and animals and develop process, design, and management skills required in the green industries. Students will also examine social and economic issues related to the green industries, learn about safe and healthy working practices, study industry standards and codes, and explore postsecondary education programs and career opportunities.

Prerequisite: None

THJ3E

Green Industries, Grade 11, Workplace Preparation

This course enables students to develop knowledge and skills related to agriculture, floristry, forestry, horticulture, and landscaping. Students will learn to identify a broad range of plant and animal species; examine factors that affect the growth of plants and animals and the quality of products derived from them; and develop process, design, and maintenance skills required in the green industries. Students will also learn about safe and healthy working practices, develop an awareness of environmental and societal issues related to green industry activities, and learn about apprenticeships and other postsecondary education and training opportunities as well as employment opportunities that may be pursued directly after graduation.

Prerequisite: None

THJ4M

Green Industries, Grade 12 University/College Preparation

This course focuses on more complex concepts and skills related to the green industries. Students will focus on developing process skills, design and management techniques, and ways of enhancing environmental sustainability. They will also examine social and economic issues related to the green industries, learn about safe and healthy working practices, study industry standards and codes, and explore career opportunities. The knowledge and skills acquired in this course will prepare students for more specialized studies at the college and university level.

Prerequisite: Green Industries, Grade 11

University/College Preparation

THJ4M

Green Industries, Grade 12, Workplace Preparation

This course enables students to gain further experience with a variety of industry procedures and operations and to acquire additional industry-specific skills. Students will study more complex processes, develop more advanced design and maintenance skills, and explore ways of enhancing environmental sustainability. They will also ex-

amine social and economic issues related to green industries, learn about safe and healthy work practices, study industry standards and codes, and explore career opportunities in the various industries. The knowledge and skills acquired in this course will prepare students for the workplace and apprenticeship training.

Prerequisite: Green Industries, Grade 11, Workplace Preparation

Green Industries Emphasis Courses

THA3M/4M	Agribusiness
THD3M/4M	Landscaping Architecture
THO3M/4M	Forestry
THS3M/4M	Horticulture Management and Science
THF3E/4E	Forestry
THG3E/4E	Agriculture
THH3E/4E	Horticulture
THL3E/4E	Landscaping Construction and Maintenance
THO3E/4E	Forestry

Hairstyling and Aesthetics

TXJ10

Exploring Hairstyling and Aesthetics, Grade 9, Open

This exploratory course introduces students to concepts and skills related to hairstyling and aesthetics, including hair, nail, and skin-care applications. Students will develop an awareness of related environmental and societal issues and will begin to explore secondary and postsecondary pathways leading to careers in the field.

Prerequisite: None

TXJ20

Hairstyling and Aesthetics, Grade 10, Open

This course presents hairstyling, make-up, and nail-care techniques from a salon/spa perspective. Through a variety of school and community-based activities, students learn fundamental skills in hairstyling, giving manicures and facials and providing hair/scalp analyses, and treatments. Students also consider related environmental and societal issues and explore secondary and postsecondary pathways leading to careers in the field.

Prerequisite: None

TXJ3E

Hairstyling and Aesthetics, Grade 11 Workplace Preparation

This course enables students to develop knowledge and skills in cosmetology and offers a variety of applications that will equip students to provide services for a diverse clientele. Students identify trends in the hairstyling and aesthetics industry, learn about related health and safety laws, and expand their communication and interpersonal skills through interactions with peers and clients. Students consider environmental and societal issues related to the industry and acquire a more detailed knowledge of apprenticeships and

direct-entry work positions.

Prerequisite: None

TXJ4E

Hairstyling and Aesthetics, Grade 12 Workplace Preparation

This course enables students to develop increase proficiency in a wide range of hairstyling and aesthetics services. Working in a salon/spa team environment, students strengthen their fundamental cosmetology skills and develop an understanding common business practices and strategies in the salon/spa industry. Students expand their understanding of environmental and societal issues and their knowledge of postsecondary destinations in the hairstyling and aesthetics industry.

Prerequisite: Hairstyling and Aesthetics, Grade 11, Workplace Preparation

Hairstyling and Aesthetics Emphasis Courses

TXA3E/4E Aesthetics

TXH3E/4E Hairstyling

Health-care

TPJ10

Exploring Health-care, Grade 9, Open

This exploratory course introduces students to concepts and skills related to health-care which encompasses personal health promotion, child and adolescent health concerns, and various medical services, treatments, instruments, and technologies. Students will develop an awareness of related environmental and societal issues and will begin to explore secondary and postsecondary pathways leading to careers in the field.

Prerequisite: None

TPJ20

Health-care, Grade 10, Open

This course introduces students to personal health promotion, child and adolescent health concerns, and a variety of medical services, treatments, and technologies. Students will become familiar with various instruments and equipment and will learn about human anatomy, organs, and body chemistry, as well as the effects that lifestyle choices can have on personal well-being. They will plan recreational activities for youth, perform a dietary analysis, and evaluate health-care practices. Students will develop an awareness of environmental and societal issues related to health-care and will explore secondary and postsecondary pathways leading to careers in the field.

Prerequisite: None

Technological Education

TPJ3M

Health-care, Grade 11, University/College Preparation

This course focuses on the development of knowledge and skills that will benefit students planning a career in the health-care field. Students will learn about human anatomy and physiology, homeostasis, vital signs, disease prevention and treatment, how lifestyle choices affect health and well-being, and conventional and complementary methods of disease prevention and treatment. Students will develop an awareness of workers' health and safety issues, environmental and societal issues related to health-care, and career opportunities in the field.

Prerequisite: None

TPJ3C

Health-care, Grade 11, College Preparation

This course focuses on the development of knowledge and skills that will benefit students planning a career in the health-care field. Students will learn about human anatomy and physiology, homeostasis, vital signs, disease prevention and treatment, how lifestyle choices affect health and well-being, and conventional and complementary methods of disease prevention and treatment. Students will develop an awareness of health and safety issues, environmental and societal issues related to health-care, and career opportunities in the field.

Prerequisite: None

TPJ4M

Health-care, Grade 12, University/College Preparation

This course focuses on the development of clinical skills needed to assess general health status. Students will learn about accepted health-care practices and about how to perform various procedures, using appropriate instruments and equipment. They will learn about the human immune system, pathology, and disease prevention and treatment. Students will also expand their awareness of workers' health and safety issues, environmental and societal issues related to health-care, and postsecondary destinations in the field.

Prerequisite: Health-care, Grade 11, University/College Preparation

TPJ4C

Health-care, Grade 12, College Preparation

This course focuses on the development of clinical skills needed to assess general health status. Students will learn about accepted health-care practices and about how to perform various procedures, using appropriate instruments and equipment. They will learn about the human immune system, pathology, and disease prevention and treatment. Students will also expand their awareness of workers' health and safety issues, environmental and societal issues related to health-care, and postsecondary destinations in the field.

Prerequisite: Health-care, Grade 11, College Preparation

TOJ4C

Child Development and Gerontology, Grade 12 College Preparation

This course enables students to examine the stages of child development and the aging process. Students will study the processes of disease and factors contributing to health and well-being in early and later life, and will develop skills required to meet the needs of children and older adults (care skills). Students will also learn about legislation governing the care of children and older adults; evaluate social and recreational activities, programs, and services for improving quality of life; and develop an awareness of health and safety issues, environmental and societal issues, and career opportunities related to child care and gerontology.

Prerequisite: None

TPJ4E

Health-care: Support Services, Grade 12 Workplace Preparation

This course enables students to develop the basic skills needed for careers in a range of health-care support services. Students will practise and apply a variety of clinical procedures and infection control skills as they learn about principles of infection control, service excellence, and the nature of the health-care industry. Students will also investigate workers' health and safety issues, environmental and societal issues related to health-care, and career opportunities in the field.

Prerequisite: None

Health-care Emphasis Courses

TPD3M/4M	Dental Services
TPL3M/4M	Laboratory Services
TPM3M/4M	Nursing/Medical Services
TPP3M/4M	Pharmacy Services
TPT3M/4M	Therapy Services

Child Development and Gerontology Emphasis Courses

TOC4C	Child Development
TOG4C	Gerontology

Hospitality and Tourism

TFJ10

Exploring Hospitality and Tourism, Grade 9, Open

This exploratory course introduces students to concepts and skills related to hospitality and tourism focusing on the areas of food handling, food preparation, the origins of foods, event planning, and local tourism. Students will develop an awareness of related environmental and societal issues and will begin to explore secondary and postsecondary pathways leading to careers in the field.

Prerequisite: None

TFJ20

Hospitality and Tourism, Grade 10, Open

This course provides students with opportunities to explore different areas of hospitality and tourism, as reflected in the various sectors of the tourism industry, with an emphasis on food service. Students will study culinary techniques of food handling and preparation, health and safety standards, the use of tools and equipment, the origins of foods, event planning, and will learn about tourism attractions across Ontario. Students will develop an awareness of related environmental and societal issues and will explore secondary and postsecondary pathways leading to careers in the tourism industry.

Prerequisite: None

TFJ3C

Hospitality and Tourism, Grade 11, College Preparation

This course enables students to develop or expand knowledge and skills related to hospitality and tourism, as reflected in the various sectors of the tourism industry. Students will learn about preparing and presenting food, evaluating facilities, controlling inventory, and marketing and managing events and activities, and will investigate customer service principles and the cultural and economic forces that drive tourism trends. Students will develop an awareness of health and safety standards, environmental and societal issues, and career opportunities in the tourism industry.

Prerequisite: None

TFJ3E

Hospitality and Tourism, Grade 11, Workplace Preparation

This course enables students to acquire knowledge and skills related to the food and beverage services sector of the tourism industry. Students will learn how to prepare, present, and serve food using a variety of tools and equipment and will develop an understanding of the fundamentals of providing high-quality service to ensure customer satisfaction and the components of running a successful event or activity. Students will develop an awareness of health and safety practices, environmental and societal issues, and career opportunities in the food and beverage services sector.

Prerequisite: None

TFJ4C

Hospitality and Tourism, Grade 11, College Preparation

This course enables students to further develop or expand knowledge and skills related to the various sectors of the tourism industry. Students will demonstrate advanced food preparation and presentation skills, increase health and wellness knowledge, develop tourism administration and management skills, design and implement a variety of events or activities, and investigate principles and procedures that contribute to high-quality customer service. Students will expand their awareness of health and safety issues, environmental and societal issues, and career opportunities in the tourism industry.

Prerequisite: Hospitality and Tourism, Grade 11, College Preparation

TFJ4E

Hospitality and Tourism, Grade 12 Workplace Preparation

This course enables students to further develop knowledge and skills related to the food and beverage services sector of the tourism industry. Students will demonstrate proficiency in using food preparation and presentation tools and equipment; plan nutritious menus, create recipes, and prepare and present finished food products; develop customer service skills; and explore event and activity planning. Students will expand their awareness of health and safety practices, environmental and societal issues, and career opportunities in the food and beverages sector.

Prerequisite: Hospitality and Tourism, Grade 11, Workplace Preparation

Hospitality and Tourism Emphasis Courses

TFN3C/4C	Applied Nutrition
TFR3C/4C	Culinary Arts and Management
TFT3C/4C	Tourism and Travel Planning
TFB3E/4E	Baking
TFC3E/4E	Cooking
TFE3E/4E	Event Planning

Manufacturing Technology

TMJ10

Exploring Manufacturing Technology, Grade 9, Open

This exploratory course introduces students to concepts and skills related to manufacturing technology which encompasses technical drawing, properties and preparation of materials, manufacturing techniques, and control systems. Students will develop an awareness of related environmental and societal issues and will begin to explore secondary and postsecondary pathways leading to careers in the field.

Prerequisite: None

TMJ20

Manufacturing Technology, Grade 10, Open

This course introduces students to the manufacturing industry by giving them an opportunity to design and fabricate products using a variety of processes, tools, and equipment. Students will learn about technical drawing, properties and preparation of materials, and manufacturing techniques. Student projects may include a robotic challenge, a design challenge, or a fabrication project involving processes such as machining, welding, vacuum forming, or injection moulding. Students will develop an awareness of environmental and societal issues related to manufacturing and will learn about secondary and postsecondary pathways leading to careers in the industry.

Prerequisite: None

Technological Education

TMJ3M **Manufacturing Engineering Technology, Grade 11** **University/College Preparation**

This course enables students to develop knowledge and skills related to design, process planning, control systems, and quality assurance. Students will use a broad range of tools and equipment and will combine modern manufacturing techniques and processes with computer-aided manufacturing as they develop critical decision-making, problem-solving, and project-management skills. Students will develop an awareness of environmental and societal issues related to manufacturing and will learn about pathways leading to careers in the industry.

Prerequisite: None

TMJ3C **Manufacturing Technology, Grade 11** **College Preparation**

This course enables students to develop knowledge and skills through hands-on, project-based learning. Students will acquire design, fabrication, and problem-solving skills while using tools and equipment such as lathes, mills, welders, computer-aided machines, robots, and control systems. Students may have opportunities to obtain industry-standard certification and training. Students will develop an awareness of environmental and societal issues related to manufacturing and will learn about pathways leading to careers in the industry.

Prerequisite: None

TMJ3E **Manufacturing Technology, Grade 11** **Workplace Preparation**

This hands-on, project-based course is designed for students planning to enter an occupation or apprenticeship in manufacturing directly after graduation. Students will work on a variety of manufacturing projects, developing knowledge and skills in design, fabrication, and problem solving and using tools and equipment such as engine lathes, milling machines, and welding machines. In addition, students will develop an awareness of environmental and societal issues related to manufacturing and will learn about secondary school pathways that lead to careers in the industry.

Prerequisite: None

TMJ4M **Manufacturing Engineering Technology, Grade 12** **University/College Preparation**

This course enables students to further develop knowledge and skills related to design, process planning, control systems, project management, quality assurance, and business operations. Students will use a broad range of tools and equipment, enhance their skills in computer-aided design, and collaborate in managing a project. Students will critically analyse and solve complex problems involved

in manufacturing products. Students will expand their awareness of environmental and societal issues and of career opportunities in the manufacturing industry.

Prerequisite: Manufacturing Engineering Technology, Grade 11, University/College Preparation

TMJ4C **Manufacturing Technology, Grade 12** **College Preparation**

This course enables students to further develop knowledge and skills related to machining, welding, print reading, computer numerical control (CNC), robotics, and design. Students will develop proficiency in using mechanical, pneumatic, electronic, and computer-control systems in a project-based learning environment and may have opportunities to obtain industry-standard training and certification. Students will expand their awareness of environmental and societal issues and career opportunities in the manufacturing industry.

Prerequisite: Manufacturing Technology, Grade 11, College Preparation

TMJ4E **Manufacturing Technology, Grade 12** **Workplace Preparation**

This project-driven, hands-on course builds on students' experiences in manufacturing technology. Students will further develop knowledge and skills related to the use of engine lathes, milling machines, welding machines, and other related tools and equipment as they design and fabricate solutions to a variety of technological challenges in manufacturing. Students may have opportunities to acquire technological challenges in manufacturing. Students will expand their awareness of environmental and societal issues and of career opportunities in the manufacturing industry.

Prerequisite: Manufacturing Technology, Grade 11, Workplace Preparation

Manufacturing Technology Emphasis Courses

TMM3M/4M	Mechanical Engineering
TMR3M/4M	Robotics and Control Systems
TMC3C/4C	Computer Aided Manufacturing
TMI3C/4C	Industrial Maintenance
TMP3C/4C	Precision Machining
TMT3C/4C	Robotics and Control Technician
TMY3C/4C	Welding Technician
TMO3E/4E	Machine Operator
TMS3E/4E	Sheet Metal
TMW3E/4E	Welding

Technological Design

TDJ10 **Exploring Technological Design, Grade 9, Open**

This exploratory course introduces students to concepts and skills related to technological design, which involves the development of solutions to various design challenges and the fabrication of models or prototypes of those solutions. Students will develop an awareness of related environmental and societal issues and will begin to explore secondary and postsecondary pathways leading to careers in the field.

Prerequisite: None

TDJ20 **Technological Design, Grade 10, Open**

This course provides students with opportunities to apply a design process to meet a variety of technological challenges. Students will research projects, create designs, build models and/or prototypes, and assess products and/or processes using appropriate tools, techniques, and strategies. Student projects may include designs for homes, vehicles, bridges, robotic arms, clothing, or other products. Students will develop an awareness of environmental and societal issues related to technological design and learn about secondary and postsecondary pathways leading to careers in the field.

Prerequisite: None

TDJ3M **Technological Design, Grade 11** **University/College Preparation**

This course examines how technological design is influenced by human environmental, financial, and material requirements and resources. Students will research, design, build, and assess solutions that meet specific human needs, using working drawings and other communication methods to present their design ideas. They will develop an awareness of environmental, societal, and cultural issues related to technological design, and will explore career opportunities in the field as well as the college and/or university program requirements for them.

Prerequisite: None

TDJ30 **Technological Design, Grade 11, Open**

This course enables students to apply a systematic process for researching, designing, building, and assessing solutions to address specific human and environmental challenges. Through their work on various projects, students will explore broad themes that may include aspects of industrial design, mechanical design, architectural design, control-system design, and/or apparel design. Students will develop an awareness of environmental and societal issues related to technological design and will learn about secondary and postsecondary pathways leading to careers in the field.

Prerequisite: None

TDJ4M **Technological Design, Grade 12** **University/College Preparation**

This course introduces students to the fundamentals of design advocacy and marketing while building on their design skills and their knowledge of professional design practices. Students will apply a systematic design process to research, design, build, and assess solutions that meet specific human needs, using illustrations, presentation drawings, and other communication methods to present their designs. Students will enhance their problem-solving and communication skills and explore career opportunities and the postsecondary education and training requirements for them.

Prerequisite: Technological Design, Grade 11, University/College Preparation

TDJ40 **Technological Design, Grade 12, Open**

This course focuses on the relationship between society and technological development. Students will use appropriate tools, techniques, and strategies to research, design, build, and assess prototypes for products and/or processes that respond to society's changing needs. Students will describe how social factors, including culture, media, politics, religion, and environmental concerns, influence technological design. Students will also learn about professional practices in the field, and will research postsecondary pathways leading to careers related to technological design.

Prerequisite: None

Technological Design Emphasis Courses

TDA3M/4M	Architectural Design
TDM3M/4M	Mechanical and Industrial Design
TDP3M/4M	Apparel and Textile Design
TDR3M/4M	Robotics and Control System Design
TDV3M/4M	Interior Design

Transportation Technology

TTJ10 **Exploring Transportation Technology, Grade 9, Open**

This exploratory course introduces students to concepts and skills related to transportation technology which encompasses the maintenance, servicing, and repair of various types of vehicles, aircraft, and/or watercraft. Students will develop an awareness of related environmental and societal issues and will begin to explore secondary and postsecondary pathways leading to careers in the field.

Prerequisite: None

Technological Education

TTJ20

Transportation Technology, Grade 10, Open

This course introduces students to the service and maintenance of vehicles, aircraft and/or watercraft. Students will develop knowledge and skills related to the construction and operation of vehicle/craft systems and learn maintenance and repair techniques. Student's projects may include the construction of a self-propelled vehicle or craft, engine service, tire/wheel service, electrical/battery service, and proper body care. Students will develop an awareness of related environmental and societal issues and will explore secondary and postsecondary pathways leading to careers in the transportation industry.

Prerequisite: None

TTJ3C

Transportation Technology, Grade 11 College Preparation

This course enables students to develop technical knowledge and skills as they study, test, service, and repair engine, electrical, suspension, brake, and steering systems on vehicles, aircraft, and/or watercraft. Students will develop communication and teamwork skills through practical tasks using a variety of tools and equipment. Students will develop an awareness of environmental and societal issues related to transportation and will learn about apprenticeship and college programs leading to careers in the transportation industry.

Prerequisite: None

TTJ30

Transportation Technology: Vehicle Ownership Grade 11, Open

This general-interest course enables students to become familiar with the options and features of various vehicles, issues of registration, and the legal requirements affecting vehicle owners. Students will also learn about vehicle financing and insurance, vehicle maintenance, emergency procedures, and the responsibilities of being a vehicle owner. Students will develop an awareness of related environmental and societal issues related to vehicle ownership and use and will explore career opportunities in the transportation industry.

Prerequisite: None

TTJ4C

Transportation Technology, Grade 12, College Preparation

This course enables students to further develop technical knowledge and skills as they study, test, service, and repair engine management systems; power trains; steering/control, suspension, brake, and body systems on vehicles, aircraft, and/or watercraft; and/or small-engine products. Students will refine communication and teamwork skills through practical tasks using a variety of tools and equipment. Students will expand their awareness of environmental and societal issues related to transportation and their knowledge of apprenticeship and college programs leading to careers in the transportation industry.

Prerequisite: Transportation Technology, Grade 11, College Preparation

TTJ4E

Transportation Technology: Vehicle Maintenance Grade 12, Workplace Preparation

This course introduces students to the servicing, repair, and maintenance of vehicles through practical application. The course is appropriate for all students as a general-interest course to prepare them for future vehicle operation, care, and maintenance or for entry into an apprenticeship in the motive power trades. Students will develop an awareness of environmental and societal issues related to transportation and will learn about careers in the transportation industry and the skills and training required for them.

Prerequisite: None

Transportation Technology Emphasis Courses

TTA3C/4C	Auto Services
TTB3C/4C	Auto Body
TTH3C/4C	Heavy Duty and Agricultural Equipment
TTL3C/4C	Light Aircraft
TTS3C/4C	Small Engine and Recreational Equipment
TTT3C/4C	Truck and Coach

Educating for Success — Inspiring Learning and Building Citizenship

The Ottawa-Carleton District School Board is the largest school board in the National Capital Region. Our educators support, nurture, and challenge students to achieve their best in academics, the arts, athletics, trades, and technology and to become lifelong learners and responsible citizens.

Students in our District have the opportunity to experience, prepare for, and pursue different post secondary pathways including university, college, apprenticeships, and the world of work.

Opportunities include:

- eLearning
- Focus Programs in the Arts and in Trades and Technology
- Cooperative Education and OYAP
- Alternative Education
- Adaptive Programs
- Student Exchanges
- English as a Second Language and English Literacy Development
- Extended French and French Immersion Programs
- Gifted Program
- Dual Credit Program
- Specialist High Skills Major Programs



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