



# Elmvale District High School

2024  
C O U R S E  
C A L E N D A R  
2025

# Elmvale District High School

## About us

We believe in the importance and value of completing a secondary education and are committed to reaching all students through a variety of supports. A positive high school experience involves success in academics and a sense of belonging. We are family/community-oriented, and offer something for everyone. The House System has a long-standing tradition at EDHS and provides several opportunities to demonstrate school spirit and community outreach.

## School highlights

Our wide range of extra-curricular activities include:

- **Teams and sports:** Badminton, Basketball, Core Conditioning, Cross Country Running, Curling, Fitness Activities, Flag Football, Golf, Hockey, Nordic Skiing, Soccer, Track and Field, Ultimate Frisbee (no-cut program), Volleyball
- **Clubs:** Announcers, Chess Club, Coding Club, Debate Club, Drama Club, Extra Life, Farm Society, Gay-Straight Alliance, EDHS Gives, Outdoors Club, Tree Huggers
- **Music & Arts:** Blues Band, Choir, Concert Band, Recording Club, and Sound & Lighting
- **Leadership:** Super Crew, Recreational Leadership course
- **Community:** EDHS Day, Fall Fair, Food Drive, Maple Syrup Festival, Terry Fox Run, Salvation Army Family Sponsorship

## Program highlights

- Ontario Youth Apprenticeship Program
- Dual Credits (offering students the opportunity to earn college credits while in high school)
- Co-op program and experiential learning
- E-learning courses
- Flexible pathways planning
- Experiential learning opportunities
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## Course selection information – timelines and due dates:

February 23 – Grade 8 Course Selections Due

February 13 – March 1 – Grade 9-12 Course Selections

*\*Students will work with Guidance, Special Education and Student Success to complete course selections*

The Secondary section of the SCDSB website provides families and students with detailed, accurate, and up-to-date information about diploma requirements, as well as general information on school programs and courses offered. Additionally, the website provides information on county-wide programs, Specialist High Skills Majors, school-based supports, and Student Success initiatives. To access the page, visit [www.scdsb.on.ca/secondary/planning\\_for\\_high\\_school](http://www.scdsb.on.ca/secondary/planning_for_high_school).

This information is also available in the SCDSB Secondary Student Handbook in a downloadable, printable format and can be accessed on the SCDSB website at the link above.

Course Titles	Grade 9	Grade 10	Grade 11	Grade 12
<b>ARTS</b>				
Drama	<a href="#">ADA1O</a>			
Drama <b>NEW!</b>			<a href="#">ADA3O</a>	
Drama <b>NEW!</b>			<a href="#">ADA3M</a>	
Music - Guitar		<a href="#">AMG2O</a>	<a href="#">AMG3O</a>	
Music – Instrumental	<a href="#">AMU1O</a>	<a href="#">AMU2O</a>		
Music – Instrumental (Univ./College)			<a href="#">AMU3M</a>	<a href="#">AMU4M</a>
Music – Vocals <b>NEW!</b>		<a href="#">AMV2O</a>		
Visual Arts	<a href="#">AVI1O</a>	<a href="#">AVI2O</a>		
Visual Arts (Univ./College)			<a href="#">AVI3M</a>	<a href="#">AVI4M</a>
Visual Arts (Open)			<a href="#">AVI3O</a>	
Visual Arts – Arts of the Crafts		<a href="#">AWA2O</a>		
Course Titles	Grade 9	Grade 10	Grade 11	Grade 12
<b>BUSINESS</b>				
Financial Accounting Fundamentals (Univ./College)			<a href="#">BAF3M</a>	
Financial Accounting Principles (Univ./College)				<a href="#">BAT4M</a>
Building the Entrepreneurial Mindset	<a href="#">BEM1O</a>			
Launching and Leading A Business		<a href="#">BEP2O</a>		
Course Titles	Grade 9	Grade 10	Grade 11	Grade 12
<b>CANADIAN &amp; WORLD STUDIES</b>				
Canadian History since World War 1 (Academic)		<a href="#">CHC2D</a>		
Canadian History since World War 1 (Applied)		<a href="#">CHC2P</a>		
Canadian History since World War 1 (Locally Developed) <i>only offered every other year (2024-2025)</i>		<a href="#">CHC2L</a>		
Civics and Citizenship (half credit taken with Careers Studies (0.5 credit each)		<a href="#">CHV2O</a>		
Exploring Canadian Geography	<a href="#">CGC1W</a>			
Issues in Canadian Geography (modified) <i>only offered every other year (2025-2026)</i>				
Understanding Canadian Law (Univ./College)			<a href="#">CLU3M</a>	
Understanding Canadian Law in Everyday Life (Workplace)			<a href="#">CLU3E</a>	
Canadian and International Law (University)				<a href="#">CLN4U</a>
Adventures in World History (Workplace)				<a href="#">CHM4E</a>
World History Since 1900			<a href="#">CHT3O</a>	
World History Since the Fifteenth Century (college)				<a href="#">CHY4C</a>
World History Since the Fifteenth Century (university)				<a href="#">CHY4U</a>
World History to the End of the Fifteenth Century			<a href="#">CHW3M</a>	
Forces of Nature: Physical Processes and Natural Disasters (Univ./College) <b>NEW!</b>			<a href="#">CGF3M</a>	
Travel and Tourism: A Geographic Perspective (Open)			<a href="#">CGG3O</a>	
World Issues: A Geographic Analysis (University)				<a href="#">CGW4U</a>
World Issues: A Geographic Analysis (College)				<a href="#">CGW4C</a>
Course Titles	Grade 9	Grade 10	Grade 11	Grade 12
<b>COOPERATIVE EDUCATION</b>				
Designing Your Future (2 credits)			<a href="#">GWL3O2</a>	<a href="#">GWL3O2</a>
Designing Your Future (4 credits)			<a href="#">GWL3O4</a>	<a href="#">GWL3O4</a>

Course Titles	Grade 9	Grade 10	Grade 11	Grade 12
<b>ENGLISH</b>				
English	<a href="#">ENL1W</a>			
English (Academic)		<a href="#">ENG2D</a>		
English (Applied)		<a href="#">ENG2P</a>		
English (Locally Developed)	<a href="#">ENG1L</a>	<a href="#">ENG2L</a>		
English: Contemporary First Nations, Métis and Inuit Voices (College)			<a href="#">NBE3C</a>	
English: Contemporary First Nations, Métis and Inuit Voices (University)			<a href="#">NBE3U</a>	
English (College)				<a href="#">ENG4C</a>
English (University)				<a href="#">ENG4U</a>
English (Workplace)				<a href="#">ENG4E</a>
Ontario Secondary School Literacy Course (Open)			<a href="#">OLC3O</a>	

Course Titles	Grade 9	Grade 10	Grade 11	Grade 12
<b>FIRST NATIONS, MÉTIS AND INUIT STUDIES</b>				
First Nations, Métis, and Inuit in Canada		<a href="#">NAC2O</a>		

Course Titles	Grade 9	Grade 10	Grade 11	Grade 12
<b>FRENCH AS A SECOND LANGUAGE</b>				
Core French	<a href="#">FSF1D</a>			
Core French (Academic)		<a href="#">FSF2D</a>		
Core French (Applied )		<a href="#">FSF2P</a>		
Core French (Open)	<a href="#">FSF1O</a>			
Core French (University)			<a href="#">FSF3U</a>	<a href="#">FSF4U</a>

Course Titles	Grade 9	Grade 10	Grade 11	Grade 12
<b>GUIDANCE &amp; CAREER EDUCATION</b>				
Career Studies (half credit taken with a half Civics and Citizenship)		<a href="#">GLC2O</a>		
Learning Strategies	<a href="#">GLS1O/</a> <a href="#">GLE1O</a>			

Course Titles	Grade 9	Grade 10	Grade 11	Grade 12
<b>HEALTH AND PHYSICAL EDUCATION</b> (6 <sup>th</sup> Character: F=female, M=male, 1=Co-ed)				
Healthy Active Living Education	<a href="#">PPL1OF</a> <a href="#">PPL1OM</a> <a href="#">PPL1O1</a>	<a href="#">PPL2OF</a> <a href="#">PPL2OM</a> <a href="#">PPL2O1</a>	<a href="#">PPL3OF</a> <a href="#">PPL3O1</a>	<a href="#">PPL4OF</a> <a href="#">PPL4O1</a>
Healthy Active Living Education: Basketball/Volleyball <b>NEW!</b>		<a href="#">PAL2O1</a>		
Healthy Active Living and Personal Fitness Activities	<a href="#">PAF1OF</a> <a href="#">PAF1OM</a>	<a href="#">PAF2OF</a> <a href="#">PAF2OM</a>	<a href="#">PAF3O1</a>	<a href="#">PAF4O1</a>
Recreation and Healthy Active Living Leadership				<a href="#">PLF4M</a>

Course Titles	Grade 9	Grade 10	Grade 11	Grade 12
<b>INTERDISCIPLINARY STUDIES</b>				
Outdoor Pursuits (2 Credit Package)			<a href="#">BLOCK2A</a>	
Personal Money Management			<a href="#">IDC3O</a>	

Course Titles	Grade 9	Grade 10	Grade 11	Grade 12
<b>MATHEMATICS</b>				
Advanced Functions (University)				<a href="#">MHF4U</a>
Calculus and Vectors (University)				<a href="#">MCV4U</a>
Foundations for College Mathematics (College)			<a href="#">MBF3C</a>	<a href="#">MAP4C</a>
Foundations of Mathematics (Applied)		<a href="#">MFM2P</a>		
Functions (University)			<a href="#">MCR3U</a>	
Functions and Applications (Univ./College)			<a href="#">MCF3M</a>	
Mathematics	<a href="#">MTH1W</a>			
Mathematics (Locally Developed)	<a href="#">MAT1L</a>	<a href="#">MAT2L</a>		
Mathematics for College Technology (College)				<a href="#">MCT4C</a>
Mathematics for Work and Everyday Life (Workplace)			<a href="#">MEL3E</a>	<a href="#">MEL4E</a>
Mathematics of Data Management (University)				<a href="#">MDM4U</a>
Principles of Mathematics (Academic)		<a href="#">MPM2D</a>		

Course Titles	Grade 9	Grade 10	Grade 11	Grade 12
<b>SCIENCE</b>				
Biology (College)			<a href="#">SBI3C</a>	
Biology (University)			<a href="#">SBI3U</a>	<a href="#">SBI4U</a>
Chemistry (College) <i>only offered every other year (2024-2025, 2026-2027)</i>				<a href="#">SCH4C</a>
Chemistry (University)			<a href="#">SCH3U</a>	<a href="#">SCH4U</a>
Environmental Science (Univ./College)			<a href="#">SVN3M</a>	
Environmental Science (Workplace)			<a href="#">SVN3E</a>	
Physics (University)			<a href="#">SPH3U</a>	
Physics (University) <i>only offered every other year (2025-2026)</i>				<a href="#">SPH4U</a>
Science	<a href="#">SNC1W</a>			
Science (Academic)		<a href="#">SNC2D</a>		
Science (Applied)		<a href="#">SNC2P</a>		
Science (Locally Developed)	<a href="#">SNC1L</a>	<a href="#">SNC2L</a>		
Science (University/College) <b>NEW!</b>				<a href="#">SNC4M</a>
Science (Workplace) <b>NEW!</b>				<a href="#">SNC4E</a>

Course Titles	Grade 9	Grade 10	Grade 11	Grade 12
<b>SOCIAL SCIENCE AND THE HUMANITIES</b>				
Challenge and Change in Society (University)				<a href="#">HSB4U</a>
Food and Nutrition		<a href="#">HFN2O</a>		
Food and Culture (Univ./College) <b>NEW!</b>			<a href="#">HFC3M</a>	
Housing and Home Design <b>NEW!</b>			<a href="#">HLS3O</a>	
Human Development Throughout the Lifespan (Univ./College)				<a href="#">HHG4M</a>
Introduction to Anthropology, Psychology, and Sociology (College)			<a href="#">HSP3C</a>	
Introduction to Anthropology, Psychology, and Sociology (University)			<a href="#">HSP3U</a>	
Nutrition and Health (College)				<a href="#">HFA4C</a>
Raising Healthy Children			<a href="#">HPC3O</a>	

Course Titles	Grade 9	Grade 10	Grade 11	Grade 12
<b>SPECIAL EDUCATION</b> (*Only for students with an Individual Education Plan)				
Language and Communication Development* (non-credit)	<a href="#">KENDNK</a>	<a href="#">KENDNK</a>	<a href="#">KENENK</a>	<a href="#">KENENK</a>
Numeracy and Numbers* (non-credit)	<a href="#">KMMDNK</a>	<a href="#">KMMDNK</a>	<a href="#">KMMENK</a>	<a href="#">KMMENK</a>

Course Titles	Grade 9	Grade 10	Grade 11	Grade 12
<b>TECHNOLOGICAL EDUCATION</b>				
Communications Technology (Animation & Game-Making) (Open)		<a href="#">TGJ2O</a>		
Communications Technology (Open)			<a href="#">TGJ3O</a>	<a href="#">TGJ4O</a>
Communications Technology (Animation / Game-making) (University/College)			<a href="#">TGI3M</a>	<a href="#">TGI4M</a>
Computer Technology and the Skilled Trades	<a href="#">TEJ1O</a>			
Construction Technology (Open)		<a href="#">TCJ2O</a>		
Construction Engineering Technology (College)			<a href="#">TCJ3C</a>	<a href="#">TCJ4C</a>
Construction Engineering (Workplace)			<a href="#">TCJ3E</a>	<a href="#">TCJ4E</a>
Custom Woodworking (Workplace)			<a href="#">TWJ3E</a>	<a href="#">TWJ4E</a>
Technology and the Skilled Trades	<a href="#">TAS1O</a>			
Technological Design		<a href="#">TDJ2O</a>		

## SCDSB eLearning

Departments and Course Titles		Grade 9	Grade 10	Grade 11	Grade 12
<b>ARTS</b>	Media Arts (open)		<a href="#">ASM2OV</a>		
	Visual Arts – Digital Media (open)			<a href="#">AWS3OV</a>	
	Visual Arts (Univ./College)			<a href="#">AVI3MV</a>	
<b>BUSINESS</b>	International Business Fundamentals (Univ./College)				<a href="#">BBB4MV</a>
	Business Leadership (Univ./College)				<a href="#">BOH4MV</a>
	Marketing: Goods, Services, Events (College)			<a href="#">BMI3CV</a>	
	Entrepreneurship: The Venture (College)			<a href="#">BDI3CV</a>	
	Marketing: Retail and Service (Workplace)			<a href="#">BMX3EV</a>	
	Financial Accounting Fundamentals (Univ./College)			<a href="#">BAF3MV</a>	
	<b>CANADIAN AND WORLD STUDIES</b>	Canadian and International Law (University)			
World Issues: A Geographic Analysis					<a href="#">CGW4UV</a>
Legal Studies (College)					<a href="#">CLN4CV</a>
The Environment and Resource Management (Univ./College)					<a href="#">CGR4MV</a>
Travel and Tourism: A Geographic Perspective (Open)				<a href="#">CGG3OV</a>	
Understanding Canadian Law (Univ./College)				<a href="#">CLU3MV</a>	
Civics (Open)			<a href="#">CHV2OV</a>		
Civics (Open) <b>FRENCH</b>			<a href="#">CHV2OW</a>		
Issues in Canadian Geography (Academic)		<a href="#">CGC1DV</a>			
Issues in Canadian Geography (Academic) <b>FRENCH</b>		<a href="#">CGC1DW</a>			
<b>ENGLISH</b>	English (University)				<a href="#">ENG4UV</a>
English (College)					<a href="#">ENG4CV</a>
Writer's Craft (University)					<a href="#">EWC4UV</a>
English: Understanding Contemporary First Nations, Métis and Inuit Voices (University)				<a href="#">NBE3UV</a>	
English: Understanding Contemporary First Nations, Métis and Inuit Voices (College)				<a href="#">NBE3CV</a>	
Media Studies (Open)				<a href="#">EMS3OV</a>	

<b>GUIDANCE AND CAREER EDUCATION</b>	Career Studies (Open)		<a href="#">GLC2OV</a>	
	Career Studies (Open) <b>FRENCH</b>		<a href="#">GLC2OW</a>	
	Designing Your Future (Open)			<a href="#">GWL3OV</a>
<b>MATH</b>	Data Management (University)			<a href="#">MDM4UV</a>
	Advanced Functions (University)			<a href="#">MHF4UV</a>
	Foundation for College Mathematics (College)			<a href="#">MAP4CV</a>
	Functions (University)			<a href="#">MCR3UV</a>
	Foundations of Mathematics (College)			<a href="#">MBF3CV</a>
	Mathematics for Work and Everyday Life (Workplace)			<a href="#">MEL3EV</a>
	Mathematics for Work and Everyday Life (Workplace)			<a href="#">MEL4EV</a>
<b>HEALTH AND PHYSICAL EDUCATION</b>	Kinesiology (University)			<a href="#">PSK4UV</a>
	Health for Life (College)			<a href="#">PPZ3CV</a>
	Physical Education: Personal and Fitness Activities (Open)	<a href="#">PAF1OV</a>		
<b>SCIENCE</b>	Science (Univ./College)			<a href="#">SNC4MV</a>
	Science (Workplace)			<a href="#">SNC4EV</a>
	Biology (University)			<a href="#">SBI4UV</a>
	Environmental Science (Workplace)			<a href="#">SVN3EV</a>
	Chemistry (University)			<a href="#">SCH3UV</a>
<b>SOCIAL STUDIES</b>	Philosophy: Questions & Theories (University)			<a href="#">HZT4UV</a>
	Human Growth & Development (Univ./College)			<a href="#">HHG4MV</a>
	Equity and Social Justice (Univ./College)			<a href="#">HSE4MV</a>
	Personal Life Management (Open)			<a href="#">HIP4OV</a>
	Food and Culture (Univ./College)			<a href="#">HFC3MV</a>
	Food and Culture (University/College) <b>FRENCH</b>			<a href="#">HFC3MW</a>
	Gender Studies (Univ./College)			<a href="#">HSG3MV</a>
	Introduction to Anthropology, Psychology and Sociology (University)			<a href="#">HSP3UV</a>
	Families in Canada (University)			<a href="#">HHS4UV</a>
	Challenge and Change (University)			<a href="#">HSB4UV</a>

**NOTE: The above courses are being offered online.** Students will select these courses in myBlueprint at the time of course selection.

### To be successful in online courses, students should:

Sign in and participate in course activity daily

- Interact with other students in the discussion area, including small group collaboration
- Expect to spend 75 minutes each day plus homework time on the course

### Things to remember when taking an eLearning course:

Students taking eLearning courses must have access to a computer (laptop or desktop) and a reliable internet connection. Smartphones and tablets are not sufficient

- Students with online courses are not always directly supervised. It is expected that they work independently and with their teacher
- Attendance is taken weekly in eLearning courses and students will be marked absent if they do not engage with the course in any given week
- Students will be removed from courses for non-attendance
- Courses are hosted through Brightspace (D2L) and teachers may also communicate with students through their SCDSB email

**Correspondence regarding eLearning courses will be sent to the student's SCDSB email. It is the student's responsibility to check this regularly.**

## Requirements for the Ontario Secondary School Diploma

In order to earn an OSSD a student must:

- ☐ **earn 30 credits (18 compulsory and 12 optional credits)**
- ☐ **complete 40 hours of community service**
- ☐ **successfully complete the literacy graduation requirement**
- ☐ **complete 2 online credits (opt-out available)**

\*\*\*Students starting grade 9 in September 2024 will need to earn 19 compulsory and 11 optional credits

### Compulsory Credits

Students must earn the following 18 compulsory credits in order to obtain the Ontario Secondary School Diploma:

- ☐ 4 credits in English (1 credit per grade)
- ☐ 1 credit in French as a second language
- ☐ 3 credits in mathematics (at least 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
- ☐ .5 credit in civics
- ☐ .5 credit in career studies
- ☐ 1 credit in grade 9 or 10 technological education (grade 9 students starting in September 2024 only)

### **The compulsory “Group” credits may be achieved from Grades 9-12.**

A **Group 1** credit is an additional credit in English, or French as a Second Language, or Social Science and the Humanities, or Canadian and World Studies, or Guidance, or Co-op

A **Group 2** credit is an additional credit in Health & Physical Education, or the Arts, or French as a second language, or Business (Gr. 9-12), or Co-op

A **Group 3** credit is an additional credit in Science or Computer Studies (Gr. 10 - 12) or Technical Education (Gr. 9-12), or French as a second language or Co-op

· A maximum of 2 of the 3 “Group” requirements may be met with Co-op credits

· A maximum of 2 of the 3 additional “Group” requirements may be met with French as a second language, one of which may be earned for group 1 and the second for either group 2 or 3.

### Ministry Approved Credits for Programs Taken Outside of the School

Specified music certificates may be accepted for credits. Please contact your Student Services department for more information.

### Substitutions for Compulsory Credits

Substitutions may be made for a limited number of compulsory credits, selecting from the remaining courses including courses in Guidance that meet the compulsory credit requirements that are offered by the school. A maximum of one credit earned for a Learning Strategies course may be used through substitution to meet a compulsory credit requirement. Credits earned for Co-op courses may not be used through substitution to meet compulsory credit requirements. To meet individual students’ needs, principals may replace **up to three compulsory courses** (or the equivalent in half courses). Each substitution will be noted on the student’s Ontario Student Transcript.



## The Ontario Secondary School Certificate (OSSC) & Certificate of Accomplishment

### Ontario Secondary School Certificate

The Ontario Secondary School Certificate (OSSC) will be granted, on request, to students who are leaving secondary school upon reaching the age of eighteen without having met the requirements for the Ontario Secondary School Diploma. To be granted an OSSC, a student must have earned a minimum of 14 credits, distributed as follows.

#### Compulsory credits (total 7)

2 credits in English	1 credit in mathematics
1 credit in Canadian geography OR history	1 credit in science
1 credit in the arts, computer studies, or technological education	1 credit in health and physical education

#### Optional credits (total of 7)

7 credits selected by the student from available courses.

### Certificate of Accomplishment

The COA is for students who are 18 years of age or older and who have not met the requirements for an OSSD or OSSC. The COA recognizes the achievement of students who plan to get further training or employment directly after leaving school. It can be accompanied by a student's Individual Education Plan (IEP), if applicable, and the student's Ontario Student Transcript. Students working toward a COA may take K-courses— alternative, non-credit courses for students with special education needs. K courses are designed to support self-care, independence, and growth fundamental skills.

## Types of Courses Offered in High School

<b>Grade 9</b>	<p><b>Single-Streamed:</b> these courses lead to academic or applied level courses in grade 10</p> <p><b>Locally Developed:</b> these courses are available to students who are working below grade level. These courses are intended to enable students to gain the necessary skills required to be successful in applied and workplace level courses.</p> <p><b>Open:</b> these courses are designed to prepare students for further study in certain subjects and to enrich their education generally.</p>
<b>Grade 10</b>	<p><b>Academic (D):</b> these courses lead to university (U), college/university (M), and college (C) level courses in grade 11 and 12</p> <p><b>Applied (P):</b> these courses lead to college (C) and college/university (M) level courses in grade 11 and 12</p> <p><b>Locally Developed (L):</b> these courses lead to workplace (E) level courses in grade 11 and 12</p> <p><b>Open (O):</b> these courses are designed to prepare students for further study in certain subjects and to enrich their education generally.</p>
<b>Grade 11/12</b>	<p><b>University (U):</b> these courses are designed to equip students with the knowledge and skills they need for entrance to university and college programs.</p> <p><b>University/College (M):</b> these courses are designed to equip students for entrance to university and college programs.</p> <p><b>College (C):</b> these courses prepare students for college programs and related careers. Many apprenticeships require College level courses as a minimum.</p> <p><b>Workplace (E):</b> these courses prepare students for direct entry into the workplace or admission to some apprenticeship programs and other training programs.</p> <p><b>Open (O):</b> these courses are appropriate for all students and are not linked to any specific postsecondary destination.</p>

## **Additional E-learning Opportunities**

The Simcoe County District School Board partners with school boards throughout Ontario to offer many courses in an online format. Online courses start and finish at the same time as a regular semester. To be successful in eLearning, students must:

- log in and interact with their course daily
- interact with other students in the discussion area
- expect to spend 75 minutes each day plus homework time on this course

Things to remember when taking an eLearning course:

- Students with online courses will have a “Study Period” with no direct supervision at EDHS. It is expected that they work in the library, cafeteria, or at home
- Attendance is taken on-line and is based on submitting assignments and logging into the website daily
- A student will be marked absent if they do not complete the required activities each week
- Students will be removed from courses for non-attendance
- Teachers will connect with students through email and online discussions
- All correspondence will be sent to the student’s SCDSB email; it’s the student’s responsibility to check this regularly

## **Summer School Opportunities**

Summer school registration typically begins in May; see your guidance counselor to register. Click [here](#) for current course offerings.

The SCDSB also partners with *Edutavel*, an independent travel company that offers credit-based learning opportunities during the summer and march break for a fee. Please visit [Edutavel](#) for a current course list. Registration is completed through the Edutavel website, and additional registration requirements must be completed through a guidance counselor.

## **Night School Opportunities**

Night school courses are available in both semesters 1 and 2. Students must complete their registration through their guidance counselor during the first 2 weeks of September and December. Night school courses take place online with 2 mandatory “live” lessons taking place each week that students must log on to. See your guidance counsellor to register. Click [here](#) for current course offerings.

## **Dual Credit Opportunities**

Dual credits give secondary students the opportunity to participate in a college course and gain credit in both secondary school and college. Students take a college course from a college faculty member and must meet the requirements to pass. If successful, they are given an optional credit at secondary school and are issued a college transcript. The course will be recognized at college and counts towards their secondary school diploma. Dual credits give students the opportunity to sample post-secondary education, work in college labs, experience a new environment and build their confidence. Courses are offered at our local Georgian College Campuses; see your guidance counselor for more information.

## My Education Planner: Earn 30 credits (18 compulsory and 12 optional)

Grade 9	Grade 10	Grade 11	Grade 12
English	English	English	English
Math	Math	Math	Elective
Science	Science	Group 1	Elective
Geography	History	Group 2	Elective
French	Civics and Careers	Group 3	Elective
Elective	Elective	Elective	Elective
Elective	Elective	Elective	Spare
Elective	Elective	Elective	Spare
<b>Credits = 8</b>	<b>+8 = 16 credits total</b>	<b>+8 = 24 credits total</b>	<b>+6 = 30 credits total</b>

*Students must earn 1 compulsory credit in the arts and 1 compulsory credit in physical education at any grade level. Grade 9 students starting in September 2024 must also earn 1 credit in grade 9 or 10 technological education.*

Group 1: 1 additional credit in English, French, Social Science, Canadian World Studies, Guidance, or Co-op

Group 2: 1 additional credit in Physical Education, the Arts, French, Business or Co-op

Group 3: 1 additional credit in Science, Computer Studies, Technical Education, French, or Co-op

\*a maximum of 2 of the 3 “Group” requirements may be met with Co-op

\*\*a maximum of 2 of the 3 “Group” requirements may be met with French, one of which may be earned for Group 1 and the second for either Group 2 or Group 3

## Online learning graduation requirement:

Students are required to earn two online learning credits to graduate from secondary school, beginning with every student who entered Grade 9 in the 2020-21 school year. The graduation requirement is intended to support students in developing familiarity and comfort with learning and working in a fully online environment, as well as developing digital literacy and other important transferable skills that they will need for success after secondary school, including in post-secondary education and the workplace.

### Definition of “online learning” for this graduation requirement

- Online learning credits that count towards the requirement are earned through courses that rely primarily on communication between students and educators through the internet or another digital platform.
- Online learning credits that count do not generally require students to be physically present with one another or with their educator in the school, except where required for:
  - examinations and other final evaluations
  - occasional meetings with educators and other school staff, and
  - access to internet connectivity, learning devices, or other supports (for example, guidance, special education and mental health and well-being supports, and required initial assessment and in-person learning for English language learners and students of Actualisation linguistique en français (ALF) or Programme d’appui aux nouveaux arrivants (PANA) at their early stages of language acquisition)
- In online learning courses delivered by schools in the publicly funded education system, coursework is teacher-led.
- Students from the same online class may follow different timetables and be from different schools or school boards.
- Students in publicly funded schools complete their online coursework with the support of a certified Ontario educator with whom they communicate, and who provides instruction, ongoing feedback, assessment, evaluation and reporting as needed, including implementing any accommodations and/or modifications identified in the student’s Individual Education Plan.

In-person courses that use digital learning tools in a physical classroom do not count towards the online graduation requirement, nor do remote learning courses that rely on a minimum requirement for synchronous learning.

There is one exception: Up to one secondary school credit that was completed by students who were in Grade 9 during the province-wide school closures (from April 2021 to June 2021) may be counted towards the graduation requirement, in recognition of the extraordinary circumstances of the COVID-19 pandemic.

Selection of courses should consider future pathways, the ability and interests of the student to learn in a fully online environment and any potential supports that may be needed. Meeting the online learning graduation requirement should not pose a barrier to graduation for students. As with all learning, students taking online courses will have access to the supports they need through their school, (e.g., guidance, nutrition programs, extra-curricular activities and services for English-language learners). If a student in a publicly funded school has an Individual Education Plan, the plan should be shared, when appropriate, with an educator instructing an online course delivered by another publicly funded school board, with the necessary consent.

Check with your local school if you have questions regarding the registration process.

Parents/guardians may choose to opt their children out of the mandatory online learning credits required for graduation. To opt out, a parent/guardian must submit an opt-out form to the school. Students 18 years of age or older, or who are 16 or 17 years of age and have withdrawn from parental control, can also opt out of the graduation requirement by submitting an opt-out form to the school. School boards must also allow for students and parents/guardians to opt back into the online learning graduation requirement should their decision change. Please contact the school for further information on this process.

## GRADE 9 COURSE DESCRIPTIONS

Grade 8 students choose Grade 9 courses based on their needs, interests, strengths, and past achievements. They may also choose grade 10 courses. However, it is important to look at the prerequisites for courses in grade 11 and 12 to make sure that the grade 10 course chosen will lead to the desired destination.

### COMPULSORY COURSES – GRADE 9

Each student will take the following compulsory courses: Canadian Geography, English, French, Mathematics, and Science. One Arts-based credit and one Phys. Ed. credit are required for graduation. They may be taken at any grade level. Please check prerequisite requirements.

#### **CGC1W: Exploring Canadian Geography**

This course builds on learning in Grades 7 and 8 in geography. Students will explore relationships within and between Canada's natural and human systems and how they interconnect with other parts of the world. Students will also examine environmental and economic issues, and their impact related to topics such as natural resources and industries, careers, land use and responsible development, and sustainability. In addition, students will understand the connections that diverse communities and individuals have with the physical environment and each other throughout Canada, including First Nations, Métis, and Inuit perspectives. Students will apply geographic thinking, use the geographic inquiry process, and use geospatial technologies throughout their investigations. **NOTE:** tools used in the geographic inquiry process include interactive maps, photographs, websites, satellite images, new articles, etc.

#### **CGC1DB: Issues in Canadian Geography (modified)**

This course examines interrelationships within and between Canada's natural and human systems and how these systems interconnect with those in other parts of the world. Students will explore environmental, economic, and social geographic issues relating to topics such as transportation options, energy choices, and urban development. Students will apply the concepts of geographic thinking and the geographic inquiry process, including spatial technologies, to investigate various geographic issues and to develop possible approaches for making Canada a more sustainable place to live.

**NOTE:** This modified geography course is available for students in the Locally Developed stream. This course should only be selected under the guidance of a Special Education teacher.

**This course is offered in alternate years, next in 2025-2026.**

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#### **ENL1W: English**

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 analyze 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.

#### **ENG1L: English, Locally Developed**

This course provides foundational literacy and communication skills to prepare students for success in their daily lives, in the workplace, and in the Grade 10 course. Students develop listening, talking, reading, viewing, and writing skills in a variety of authentic contexts.

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## FSF1D: Core French

This course provides opportunities for students to communicate and interact in French with increasing independence, with a focus on familiar topics related to their daily lives. Students will develop their skills in listening, speaking, reading, and writing by using language learning strategies introduced in the elementary Core French program, and will apply creative and critical thinking skills in various ways. They will also enhance their understanding and appreciation of diverse French-speaking communities, and will develop skills necessary for lifelong language learning. **NOTE:** thematic exploration of culture; emphasis on communication; access to interactive on-line authentic French resources

**Prerequisite: Minimum of 600 hours of Elementary Core French instruction, or equivalent.**

## FSF1O: Core French, Open

This is an introductory course for students who have little or no knowledge of French or who have not accumulated the minimum of 600 hours of elementary Core French instruction. Students will begin to understand and speak French in guided and structured interactive settings, and will develop fundamental skills in listening, speaking, reading, and writing through discussing issues and situations that are relevant to their daily lives. Throughout the course, students will develop their awareness of diverse French-speaking communities in Canada and acquire an understanding and appreciation of these communities. They will also develop a variety of skills necessary for lifelong language learning. **NOTE:** Students will develop the ability to express daily needs, acquire basic conversation skills and vocabulary, and use simple sentence patterns orally and in writing. Students will explore cultural components (media, sports, celebrations) of “La Vie Francophone” and compare them with their own lives and Canadian culture.

**Prerequisite: None**

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## KENDNK: Language and Communication Development

K Courses are Ministry of Education approved non-credit courses offered to students who are registered in high school and are unable to meet the requirements of credit courses. These non-credit courses are practical academics and are oriented towards “life skills”. K Courses are based upon alternative expectations that are not currently derived from the Ministry Policy Documents. These expectations are highly individualized and are listed on the Individual Education Plan (IEP). Assessment of these alternative expectations occurs through the IEP process. No marks or credits are granted for alternative expectations. **NOTE:** This course involves the development of skills needed for communication and general language use. Many of the program areas for language may link directly to the language strands outlined in the Ontario Curriculum. The IEP becomes the definition of the course and may include components from the following program areas: Listening and Comprehension, Non-Verbal Communication, Social Language, General Language Functions, Conversation Skills and/or Functional Language.

## KMMDNK: Numeracy and Numbers

K Courses are Ministry of Education approved non-credit courses offered to students who are registered in high school and are unable to meet the requirements of credit courses. These non-credit courses are practical academics and are oriented towards “life skills”. K Courses are based upon alternative expectations that are not currently derived from the Ministry Policy Documents. These expectations are highly individualized and are listed on the Individual Education Plan (IEP). Assessment of these alternative expectations occurs through the IEP process. No marks or credits are granted for alternative expectations. **NOTE:** This course involves the development of mathematic skills required for daily living. Many of the program areas may link directly with the math strands outlined in the Ontario Curriculum. The IEP becomes the definition of the course and may include components from the following program areas: Calendar Skills, Time, Numeracy, Measurement, Money and /or Personal Finances.

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## MTH1W: Mathematics

This course enables students to consolidate, and continue to develop, an understanding of mathematical concepts related to number sense and operations, algebra, measurement, geometry, data, probability, and financial literacy. Students will use mathematical processes, mathematical modelling, and coding to make sense of the mathematics they are learning and to apply their understanding to culturally responsive and relevant real-world situations. Students will continue to enhance

their mathematical reasoning skills, including proportional reasoning, spatial reasoning, and algebraic reasoning, as they solve problems and communicate their thinking.

### **MAT1L: Mathematics, Locally Developed**

This course emphasizes development of mathematical knowledge and skills to prepare students for success in their everyday lives, in the workplace, in the Grade 10 Locally Developed course, and in the Mathematics Grade 11 and Grade 12 Workplace Preparation courses. Students develop mathematical literacy, problem-solving, and communication skills related to money sense, measurement, and proportional reasoning by completing practical, authentic activities.

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### **SNC1W: Science**

This course enables students to develop their understanding of concepts related to biology, chemistry, physics, and earth and space science, and to relate science to technology, society, and the environment. Throughout the course, students will develop and refine their STEM skills as they use scientific research, scientific experimentation, and engineering design processes to investigate concepts and apply their knowledge in situations that are relevant to their lives and communities. Students will continue to develop transferable skills as they become scientifically literate global citizens.

### **SNC1L: Science, Locally Developed**

This course develops science-related knowledge and skills to prepare students for success in everyday life, in the workplace, and in the Science Grade 11 Workplace preparation course. Students explore scientific topics that connect with their lives by engaging in practical science activities. **NOTE:** The majority of the strands are addressed through project-based learning. Projects are tailored to the class focusing on group dynamics, problem solving and technical skills.

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## **ELECTIVE COURSES – GRADE 9**

Grade 8 students are asked to select three elective courses and two alternates.

### **ADA10: Drama, 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 analyze drama, and then reflect on the experiences to develop an understanding of themselves, the art form, and the world around them.

### **AMU10: Music, 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 lives. **NOTE:** This is a beginner instrumental course and all are welcome.

### **AVI10: Visual Arts, 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.

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### **BEM10: Building the Entrepreneurial Mindset, Open**

In this course, students will learn what makes an entrepreneur thrive and the skills required to succeed in today's business environment. Students will begin to develop their own entrepreneurial mindset, and learn why it's important to take

initiative, adapt to change, find creative solutions, and understand the financial considerations of entrepreneurship. This hands-on course will use business software and applications to help students plan and develop their entrepreneurial ideas and learn how to present them to a target audience. Throughout the course, students will enhance their communications skills as well as develop and refine their project management skills, including goal setting, time management, and networking.

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### **GLS10 / GLE10: 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.

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### **PAF10F (Female) PAF10M (Male) Healthy Active Living and Personal Fitness Activities, Open**

This course equips students with the knowledge and skills they need to make healthy choices now and lead healthy, active lives in the future. Through participation in a wide range of physical activities, students develop knowledge and skills related to movement competence and personal fitness that provide a foundation for active living. Students also acquire an understanding of the factors and skills that contribute to healthy development and learn how their own well-being is affected by, and affects, the world around them. Students build their sense of self, learn to interact positively with others, and develop their ability to think critically and creatively.

**NOTE:** This course will focus on activities to promote lifelong physical and mental wellness in a fitness center atmosphere. Students will learn to develop and revise personal fitness plans to suit their own needs, such as cross training for their chosen sport or desiring to improve their self-image and fitness levels, as well as assess and monitor their health-related fitness during physical activity. The course involves various forms of physical training including cardiovascular and strength training programs. The development of these skills will start students on a path to achieving their personal wellness goals both now and in the future.

### **PPL10F (Female) PPL10M (Male) PPL101 (Co-ed) Healthy Active Living Education, Open**

This course equips students with the knowledge and skills they need to make healthy choices now and lead healthy, active lives in the future. Through participation in a wide range of physical activities, students develop knowledge and skills related to movement competence and personal fitness that provide a foundation for active living. Students also acquire an understanding of the factors and skills that contribute to healthy development and learn how their own well-being is affected by, and affects, the world around them. Students build their sense of self, learn to interact positively with others, and develop their ability to think critically and creatively.

**NOTE:** This interactive and cooperative course provides students with an introduction to a variety of court, field and individual sports while also introducing the basic knowledge of personal fitness that can allow them to truly embrace healthy living throughout their lives. They will learn basic sport skills in team games such as basketball, volleyball, soccer, football and slow pitch while also developing a knowledge of individual activities such as badminton, tennis and golf. Students will also have the opportunity to try out a variety of fitness programs ranging from strength to yoga or sport-specific training, and participate in community field trips such as rock climbing, skiing and golf.

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### **TAS10: Technology and the Skilled Trades, Open**

This hands-on course enables students to further explore the engineering design process and develop other technological knowledge and skills introduced in earlier grades. Students will design and safely create prototypes, products, and/or services, working with tools and technologies from various industries. As students develop their projects to address real-life problems, they will apply technological concepts such as precision measurement, as well as health and safety standards. Students will begin to explore job skills programs and education and training pathways, including skilled trades, that can lead to a variety of careers. **NOTE:** In this unique opportunity students will split their time between the wood shop and the Communications lab. In the wood shop the students will learn how to properly and safely operate industry standard tools and machines. The



students will use the mitre saw, band saw, table saw and various other tools making wooden projects to take home. Besides learning the physical skills necessary to complete their projects, students will also learn about measurement, paper and digital drawings and increase their knowledge in current construction codes and structures.

In the Communications lab students will learn about a wide variety of areas concerning animation, Photoshop, video editing, videogame making, and more. The students will also learn other skills such as household wiring, framing, plumbing with an emphasis hands-on training.

### **TEJ10: Computer Technology and the Skilled Trades**

This course introduces students to computer systems, 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 also develop an awareness of related environmental and societal issues, and will learn about secondary and postsecondary pathways and career opportunities in computer technology.

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## **GRADE 10 COURSE DESCRIPTIONS**

Grade 9 students choose Grade 10 courses based on their needs, interests, strengths, and past achievements. They may also choose grade 11 courses. However, it is important to look at the prerequisites for courses in grade 12 to make sure that the grade 11 course chosen will lead to the desired destination.

### **COMPULSORY COURSES – GRADE 10**

Each student will take the following grade 10 courses at either the Applied, Academic, Open or Locally Developed levels: Canadian History, Civics and Career Studies (half credit each), English, Mathematics, Science.

#### **CHC2D: Canadian History Since World War 1, Grade 10, Academic**

This course explores social, economic, and political developments and events and their impact on the lives of different individuals, groups, and communities, including First Nations, Métis, and Inuit individuals and communities, in Canada since 1914. Students will examine the role of conflict and cooperation in Canadian society, Canada's evolving role within the global community, and the impact of various individuals, organizations, and events on identities, citizenship, and heritage in Canada. Students will develop an understanding of some of the political developments and government policies that have had a lasting impact on First Nations, Métis, and Inuit individuals and communities. They will develop their ability to apply the concepts of historical thinking and the historical inquiry process, including the interpretation and analysis of evidence, when investigating key issues and events in Canadian history since 1914.

#### **CHC2L: Canadian History Since World War I, Locally Developed**

This course focuses on the connections between the student and key people, events, and themes in Canadian history from World War I to the present. Students explore a variety of topics highlighting individuals and events that have contributed to the story of Canada. The major themes of Canadian identity, internal and external relationships, and changes since 1914, are explored through guided investigation. Students will have the opportunity to extend analytical skills with a focus on identifying and interpreting events and perspectives and making connections. Students practice reading, writing, visual, and oral literacy skills, and mathematical literacy skills to identify and communicate ideas in a variety of forms.

**NOTE:** This locally developed history course is available for students in the Locally Developed stream. This course should only be selected under the guidance of a Special Education teacher. **This course will be offered in alternating years, next in 2024-2025.**

#### **CHC2P: Canadian History Since World War 1, Grade 10, Applied**

This course focuses on the social context of historical developments and events and how they have affected the lives of people in Canada, including First Nations, Métis, and Inuit individuals and communities, since 1914. Students will explore interactions between various communities in Canada as well as contributions of individuals and groups to heritage and identities in Canada. Students will develop an understanding of some key political developments and government policies that have had an impact on First Nations, Métis, and Inuit individuals and communities. They will develop their ability to apply the concepts of historical thinking and the historical inquiry process, including the interpretation and analysis of evidence, when investigating the continuing relevance of historical developments and how they have helped shape communities in present-day Canada.

## **CHV20: Civics and Citizenship, Grade 10, Open (.5 credit)**

This course explores rights and responsibilities associated with being an active citizen in a democratic society. Students will explore issues of civic importance such as healthy schools, community planning, environmental responsibility, and the influence of social media, while developing their understanding of the role of civic engagement and of political processes in the local, national, and/or global community. Students will apply the concepts of political thinking and the political inquiry process to investigate, and express informed opinions about a range of political issues and developments that are both of significance in today's world and of personal interest to them.

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## **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 analyze 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**

## **ENG2L: English, Grade 10, Locally Developed**

In this course, students extend their literacy and communication skills to prepare for success in their daily lives, in the workplace, and in the English Grade 11 Workplace preparation course. Students build on their strategies and engage in the processes involved in talking, listening, reading, viewing, writing and thinking in a variety of authentic contexts.

## **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**

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## **GLC20: Career Studies, Grade 10, Open .5 credit**

This course gives students the opportunity to develop the skills, knowledge, and habits that will support them in their education and career/life planning. Students will learn about global work trends, and seek opportunities within the school and community to expand and strengthen their transferable skills and their ability to adapt to the changing world of work. On the basis of exploration, reflective practice, and decision-making processes, students will make connections between their skills, interests, and values and their postsecondary options, whether in apprenticeship training, college, community living, university, or the workplace. They will set goals and create a plan for their first postsecondary year. As part of their preparation for the future, they will learn about personal financial management – including the variety of saving and borrowing tools available to them and how to use them to their advantage – and develop a budget for their first year after secondary school.

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## **KENDNK: Language and Communication Development**

K Courses are Ministry of Education approved non-credit courses offered to students who are registered in high school and are unable to meet the requirements of credit courses. These non-credit courses are practical academics and are oriented towards “life skills”. K Courses are based upon alternative expectations that are not currently derived from the Ministry Policy Documents. These expectations are highly individualized and are listed on the Individual Education Plan (IEP). Assessment of these alternative expectations occurs through the IEP process. No marks or credits are granted for alternative expectations.

**NOTE:** This course involves the development of skills needed for communication and general language use. Many of the program areas for language may link directly to the language strands outlined in the Ontario Curriculum. The IEP becomes the definition of the course and may include components from the following program areas: Listening and Comprehension, Non-Verbal Communication, Social Language, General Language Functions, Conversation Skills and/or Functional Language.

## **KMMDNK: Numeracy and Numbers**

K Courses are Ministry of Education approved non-credit courses offered to students who are registered in high school and are unable to meet the requirements of credit courses. These non-credit courses are practical academics and are oriented towards “life skills”. K Courses are based upon alternative expectations that are not currently derived from the Ministry Policy Documents. These expectations are highly individualized and are listed on the Individual Education Plan (IEP). Assessment of these alternative expectations occurs through the IEP process. No marks or credits are granted for alternative expectations. **NOTE:** This course involves the development of mathematic skills required for daily living. Program areas may link directly with the math strands outlined in the Ontario Curriculum. The IEP becomes the definition of the course and may include components from the following program areas: Calendar Skills, Time, Numeracy, Measurement, Money and/or Personal Finances.

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### **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 relationships 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**

### **MAT2L: Mathematics, Grade 10, Locally Developed**

This course extends students’ 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. Students strengthen their mathematical literacy, problem-solving, and communication skills related to money sense, measurement, and proportional reasoning by completing practical, authentic activities. **Prerequisite: Mathematics, Grade 9, any level**

### **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 in analytic geometry; solve and apply linear systems, using real life examples; and explore and interpret graphs of quadratic relations. Students will investigate similar triangles, the trigonometry of right-angled triangles, and the measurement of three-dimensional figures. Students will consolidate their mathematical skills as they solve problems and communicate their thinking. **Prerequisite: Mathematics, Grade 9, Academic or Applied**

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### **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**

### **SNC2L: Science, Grade 10, Locally Developed**

This course strengthens science-related knowledge and skills to prepare students for success in everyday life, in the workplace, and in the Science Grade 11 Workplace preparation course. Students explore science in the media, interactions of common materials, organisms in communities and electrical energy through practical science activities. Students learn science and technology through a series of hands-on projects. An emphasis is placed on developing creative approaches to problem solving and on developing skills which will be valuable in the workplace. Students also gain experience in group work, literacy, measurement and analysis, and interpreting current events. This course is project-based.

### **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, 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

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## ELECTIVE COURSES – GRADE 10

Grade 10 students are asked to select three elective courses and two alternates.

### AMG20: Music – Guitar, 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. **NOTE:** This is an introductory course in which the students are taught the basics of playing guitar. The topics will include: chord formation, notation, tab, soloing and styles of guitar playing. Emphasis is placed on working co-operatively in groups, self-discipline, and self-expression through music.

### AMV20: Music – Vocal/Choral

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 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 self, communities, and cultures. **NOTE:** This course is a beginner vocal music course in which students will learn to develop an appreciation of music through performing, listening, and creating. This course emphasizes singing in large and small ensembles as well as solo performance to develop basic vocal techniques in a comfortable and supportive musical environment. Repertoire from all periods, including contemporary, will be featured along with some basic theory and history components, as well as unique concert planning and performance opportunities.

### AMU20: Music, Grade 10, 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 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 self, communities, and cultures.

### 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.

### AWA20: Visual Arts – Crafts, 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. **NOTE:** This course respects the artistic intention and craft of the artisan. Original works in the textile arts (weaving, appliqué, quilting, needlepoint, fabric painting), pottery techniques, jewelry, papermaking, plaster may be explored through discovery and selected activities. Teachers will utilize Canadian artisans and their crafts as the main resource of this course. The cottage industry (folk, home-based business) and careers in crafts from the past and the present will be investigated (e.g., the Bayeux Tapestry, ancient pottery, Gothic stained-glass windows.)

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## **BEP20: Launching and Leading A Business, Grade 10, Open**

This course introduces students to the world of business and what is required to be successful, ethical, and responsible in today's economy. Students will develop the knowledge and skills needed to be an entrepreneur who knows how to respond to local and global market opportunities. Throughout the course, students will explore and understand the responsibility of managing different functions of a business. This includes accounting, marketing, information and communication technology, financial management, human resources, and production.

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## **FSF2D: Core French, Grade 10, Academic**

This course provides opportunities for students to communicate in French about personally relevant, familiar, and academic topics in real-life situations with increasing independence. Students will exchange information, ideas, and opinions with others in guided and increasingly spontaneous spoken interactions. Students will develop their skills in listening, speaking, reading, and writing through the selective use of strategies that contribute to effective communication. They will also increase their understanding and appreciation of diverse French-speaking communities, and will develop skills necessary for lifelong language learning. **NOTE:** novel-based work, kahoot, duolingo, Franco - Ontarien celebrations, traditional and cultural activities (winter carnival) **Prerequisite: Core French, Grade 9, Academic or Applied**

## **FSF2P: Core French, Grade 10, Applied**

This course provides opportunities for students to communicate in French about everyday matters and topics of personal interest in real-life situations. Students will exchange information, ideas, and opinions with others in structured, guided, and increasingly spontaneous spoken interactions. Students will develop their skills in listening, speaking, reading, and writing through using language learning strategies for understanding texts and communicating clearly. They will also increase their understanding and appreciation of diverse French-speaking communities, and will develop skills necessary for lifelong language learning. **NOTE:** novel-based work, kahoot, duolingo, Franco - Ontarien celebrations, traditional and cultural activities (winter carnival) **Prerequisite: Core French, Grade 9, Academic or Applied**

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## **HFN20: Food and Nutrition, Grade 10, Open**

This course focuses on guidelines for making nutritious food choices. Students will investigate factors that influence food choices, including beliefs, attitudes, current trends, traditional eating patterns, food marketing strategies, and individual needs. Students will also explore the environmental impact of a variety of food choices at the local and global level. The course provides students with opportunities to develop food preparation skills and introduces them to the use of social science research methods in the area of food and nutrition. **NOTE:** Students will be involved in cooking labs once a week.

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## **NAC20: First Nations, Inuit and Métis in Canada, Grade 10, Open**

This course explores the histories of First Nations and Inuit in Canada from precontact, as well as Métis from their beginnings, to the present day. Students will examine the continuing impact of past social, cultural, economic, political, and legal trends and developments on First Nations, Métis and Inuit individuals and communities. Students will apply the concepts of historical thinking and the historical inquiry process to investigate a range of issues, events, and interactions that have affected First Nations, Métis, and Inuit individuals and communities, including those that continue to affect relations between Indigenous and non-Indigenous peoples in Canada. **NOTE:** This course may count as the grade 10 compulsory history credit.

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## **PAF20F (Female) PAF20M (Male)**

### **Healthy Living and Personal and Fitness Activities, Grade 10, Open**

This course enables students to further develop the knowledge and skills they need to make healthy choices now and lead healthy, active lives in the future. Through participation in a wide range of physical activities and exposure to a broader range of activity settings, students enhance their movement competence, personal fitness, and confidence. Students also acquire an understanding of the factors and skills that contribute to healthy development and learn how their own well-being is affected by, and affects, the world around them. Students build their sense of self, learn to interact positively with others, and develop their ability to think critically and creatively.

**NOTE:** This course will focus on activities to promote lifelong physical and mental wellness in a fitness center atmosphere. Students will learn to develop and revise personal fitness plans to suit their own needs, such as cross training for their chosen sport or desiring to improve their self-image and fitness levels, as well as assess and monitor their health related fitness during physical activity. The course involves various forms of physical training including cardiovascular and strength training programs. The development of these skills will start students on a path to achieving their personal wellness goals both now and in the future.

### **PAL201 (Co-ed): Large Group Activities – Basketball/Volleyball Focus, Grade 10, Open**

This course equips students with the knowledge and skills they need to make healthy choices now and lead healthy, active lives in the future. Through participation in a wide range of physical activities, students develop knowledge and skills related to movement competence and personal fitness that provide a foundation for active living. Students also acquire an understanding of the factors and skills that contribute to healthy development and learn how their own well-being is affected by, and affects, the world around them. Students build their sense of self, learn to interact positively with others, and develop their ability to think critically and creatively. **NOTE:** This course will focus on the court sports of basketball and volleyball. Elements of the course will include the following: skill refinement, movement strategies, game play, officiating and scorekeeping, training principles and healthy living topics such as nutrition.

### **PPL20F (Female) PPL20M (Male) PPL201 (Co-ed): Healthy Active Living, Grade 10, Open**

This course enables students to further develop the knowledge and skills they need to make healthy choices now and lead healthy, active lives in the future. Through participation in a wide range of physical activities, students develop knowledge and skills related to movement competence and personal fitness that provide a foundation for active living. Students also acquire an understanding of the factors and skills that contribute to healthy development and learn how their own well-being is affected by, and affects, the world around them. Students build their sense of self, learn to interact positively with others, and develop their ability to think critically and creatively.

**NOTE:** This interactive and cooperative course provides students with an introduction to a variety of court, field and individual sports while also introducing the basic knowledge of personal fitness that can allow them to truly embrace healthy living throughout their lives. They will learn basic sport skills in team games such as basketball, volleyball, soccer, football and slow pitch which further provides a knowledge of individual activities such as badminton, tennis and golf. Students will also have the opportunity to try out a variety of fitness programs ranging from strength to yoga or sport-specific training, and participate in community field trips such as rock climbing, skiing and golf.

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### **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.

### **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 will learn about secondary and postsecondary education and training leading to careers in the field.

### **TGJ20: Communications Technology, Grade 10, Open (Animation and Game-Making)**

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 interactive new media and animation. Student 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 will explore secondary and post-secondary education and training pathways and career opportunities in the various communications technology fields. **NOTE:** This course is designed to give students an introduction to both the Game-maker and the Animation streams. They will work on learning the basics and beginnings of both programs with the intent that students will choose their preferred path. The class will be split into two sections (half the semester on learning Gamemaker and game making theories while the second half will be dedicated to learning Adobe Animator and Adobe Character Animator and how to tell stories through animating original characters).

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## GRADE 11 COURSE DESCRIPTIONS

Grade 10 students choose Grade 11 courses based on their needs, interests, strengths, and past achievements. They may also choose grade 12 courses. However, it is important to look at the prerequisites for post-secondary programs to make sure that the grade 12 course chosen will lead to the desired destination.

## COMPULSORY COURSES – GRADE 11

Each student must check her/his status sheet to identify senior compulsory requirements. Students are encouraged to investigate destination requirements. One compulsory grade 11 English credit, and one senior math credit are required for the OSSD.

### ENGLISH

#### **NBE3C: English: Understanding Contemporary First Nations, Métis and Inuit Voices, Grade 11, College Preparation**

This course explores the themes, forms, and stylistic elements of literary, informational, graphic, oral, cultural, and media text forms emerging from First Nations, Métis, and Inuit cultures in Canada, and also looks at the perspectives and influences of texts that relate to those cultures. In order to understand contemporary text forms and their themes of identity, relationship, and self-determination, sovereignty, or self-governance, students will study the use of text forms by Indigenous authors/creators from other periods in expressing ideas related to these themes. Students will also create oral, written, and media texts to explore their own ideas and understanding, focusing on the development of literacy, communication, and critical and creative thinking skills necessary for success in academic and daily life. The course is intended to prepare students for the compulsory Grade 12 English college preparation course. **Prerequisite: English, Grade 10, Applied or Academic**

#### **NBE3U: English: Understanding Contemporary First Nations, Métis and Inuit Voices, Grade 11, University Preparation**

This course explores the themes, forms, and stylistic elements of a variety of literary, informational, graphic, oral, cultural, and media text forms emerging from First Nations, Métis, and Inuit cultures in Canada, and also examines the perspectives and influence of texts that relate to those cultures. In order to fully understand contemporary text forms and their themes of identity, relationship, and self-determination, sovereignty, or self-governance, students will analyse the changing use of text forms by Indigenous authors/creators from various periods and cultures in expressing ideas related to these themes. Students will also create oral, written, and media texts to explore their own ideas and understanding, focusing on the development of literacy, communication, and critical and creative thinking skills necessary for success in academic and daily life. The course is intended to prepare students for the compulsory Grade 12 English university or college preparation course. **Prerequisite: English, Grade 10, Academic**

#### **OLC30: Ontario Secondary School Literacy Course, Grade 11 Open**

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

**NOTE:** Eligibility requirement: Students who have been eligible to write the OSSLT at least twice and who have been unsuccessful at least once are eligible to take the course.

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## MATHEMATICS

### **MBF3C: Foundations for College Math, 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, analyzing, and evaluating data involving one variable; connect probability and statistics; and solve problems in geometry and trigonometry. Students will consolidate their mathematical skills as they solve problems and communicate their thinking.

**Prerequisite:** Foundations of Mathematics, Grade 10, Applied.

### **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 modeling 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. **NOTE:** This course may be used as a prerequisite for MDM4U, MCT4C or MAP4C, but not MHF4U or MCV4U.

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

### **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. **NOTE:** This course may be used as a prerequisite for MDM4U and MHF4U. **Prerequisite:** Principles of Mathematics, Grade 10, Academic

### **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.

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## SPECIAL EDUCATION

K Courses are Ministry of Education approved non-credit courses offered to students who are registered in high school and are unable to meet the requirements of credit courses. These non-credit courses are practical academics and are oriented towards "life skills". K Courses are based upon alternative expectations that are not currently derived from the Ministry Policy Documents. These expectations are highly individualized and are listed on the Individual Education Plan (IEP). Assessment of these alternative expectations occurs through the IEP process. No marks or credits are granted for alternative expectations.

### **KENENK: Language and Communication Development**

This course involves the development of skills needed for communication and general language use. Many of the program areas for language may link directly to the language strands outlined in the Ontario Curriculum.



The IEP becomes the definition of the course and may include components from the following program areas: Listening and Comprehension, Non-Verbal Communication, Social Language, General Language Functions, Conversation Skills and/or Functional Language.

### **KMMENK: Numeracy and Numbers**

This course involves the development of mathematic skills required for daily living. Many of the program areas may link directly with the math strands outlined in the Ontario Curriculum. The IEP becomes the definition of the course and may include components from the following program areas: Calendar Skills, Time, Numeracy, Measurement, Money and /or Personal Finances.

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## **ELECTIVE COURSES – GRADE 11**

Grade 11 students will select six elective courses.

### **ARTS**

#### **ADA3M: Drama, Grade 11, Open**

This course requires students to create and perform in dramatic presentations. Students will analyze, 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 analyze the functions of playwrights, directors, actors, designers, technicians, and audiences. **Prerequisite: Drama, Grade 9**

#### **ADA3O: 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 drama works. Students will develop a variety of skills related to collaboration and the presentation of drama works. **Prerequisite: None**

#### **AMG3O: Music - Intermediate Guitar, 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 analyze music from various genres and periods, and they will develop skills transferable to other aspects of their life and their careers. **NOTE:** As an extension of the beginning level guitar course students will perform appropriate works in contemporary popular styles as well as explore more complex chord structures in blues, jazz, and classical music. Students will also take advantage of appropriate technology for recording and producing. Students must use an acoustic guitar.

#### **AMU3M: Music – Instrumental, 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 analyze music from various genres and periods, and they will develop skills transferable to other aspects of their lives and their careers.

**Prerequisite: Instrumental Music, Grade 9 or 10**

#### **AVI3M: Visual Arts, Grade 11, Open**

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 emerging 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 art form (e.g., photography, video, computer graphics, information design). **NOTE:** This course focuses on studio activities in one or more of 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: Visual Arts, Grade 9 or 10**

### **AVI30: Visual Arts, Grade 11, Open**

This course focuses on studio activities in one or more of the visual arts, including 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**

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## **BUSINESS**

### **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**

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## **CANADIAN AND WORLD STUDIES**

### **CGF3M: Forces of Nature: Physical Processes and Natural Disasters, Grade 11, University/College**



In this course, students will explore physical processes related to the earth's water, land, and air. They will investigate how these processes shape the planet's natural characteristics and affect human systems, how they are involved in the creation of natural disasters, and how they influence the impacts of human disasters. Throughout the course, students will apply the concepts of geographic thinking and the geographic inquiry process and use spatial technologies to analyze these processes, make predictions related to natural disasters, and assess ways of responding to them.

**Prerequisite: Issues in Canadian Geography, Grade 9, Academic or Applied**

### **CGG30: Travel and Tourism: A Geographic Perspective, Grade 11, Open**



This course focuses on issues related to travel and tourism within and between various regions of the world. Students will investigate unique environmental, sociocultural, economic, and political characteristics of selected world regions. They will explore travel patterns and trends, as well as tensions related to tourism, and will predict future tourism destinations. Students will apply the concepts of geographic thinking and the geographic inquiry process, including spatial technologies, to investigate the impact of the travel industry on natural environments and human communities.

**Prerequisite: Issues in Canadian Geography, Grade 9, Academic or Applied**

### **CHT30: World History since 1900: Global and Regional Interactions, Grade 11, Open**

This course focuses on major developments in world history from 1900 to the present. Students will explore the causes and consequences of global and regional conflicts, the impact of significant individuals and social movements, and the effects of social, economic, and political developments around the world. Students will extend their ability to apply the concepts of historical thinking and the historical inquiry process, including the interpretation and analysis of evidence, when investigating interactions within and between nations and other historical developments and events, including those that continue to affect people in various parts of the world. **Prerequisite: Canadian History since World War I, Grade 10, Academic or Applied, or the locally developed compulsory course (LDCC) in Canadian history**

### **CHW3M: World History to the End of the Fifteenth Century, Grade 11, University/College Preparation**

This course explores the history of various societies and civilizations around the world, from earliest times to around 1500 CE. Students will investigate a range of factors that contributed to the rise, success, and decline of various ancient and pre-modern societies throughout the world and will examine life in and the cultural and political legacy of these societies. Students will extend their ability to apply the concepts of historical thinking and the historical inquiry process, including the interpretation and analysis of evidence, when investigating social, political, and economic structures and historical forces at work in various societies and in different historical eras.

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

### **CLU3E: Understanding Canadian Law in Everyday Life, Grade 11, Workplace Preparation**

This course enables students to develop a practical understanding of laws that affect the everyday lives of people in Canada, including their own lives. Students will gain an understanding of the need for laws, and of their rights, freedoms, and responsibilities under Canadian law. Topics include laws relating to marriage, the workplace, cyberbullying, and criminal offences. Students will begin to develop legal reasoning skills and will apply the concepts of legal thinking and the legal studies inquiry process when investigating legal issues that are relevant to life in Canada today. **NOTE:** Students will enjoy participating in a mock trial as a lawyer, witness, court official or perhaps even the accused. If you are planning a career in law or just want to know more about the rights and responsibilities of Canadians, this is the course for you.

**Prerequisite: Canadian History since World War I, Grade 10, Academic, Applied or a Locally Developed Compulsory Course.**

### **CLU3M: Understanding Canadian Law, Grade 11, University/College Preparation**

This course explores Canadian law, with a focus on legal issues that are relevant to the lives of people in Canada. Students will gain an understanding of laws relating to rights and freedoms in Canada; our legal system; and family, contract, employment, tort, and criminal law. Students will develop legal reasoning skills and will apply the concepts of legal thinking and the legal studies inquiry process when investigating a range of legal issues and formulating and communicating informed opinions about them. **NOTE:** Students will enjoy participating in a mock trial as a lawyer, witness, court official or perhaps even the accused. If you are planning a career in law or just want to know more about the rights and responsibilities of Canadians, this is the course for you.

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

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## **CO-OPERATIVE EDUCATION**

### **GWL302 Sem 1, half day co-op GWL304 Sem 1, full day co-op**

This course consists of a community-connected experience and a cooperative education curriculum that incorporates relevant expectations from the student's related course (or courses). Students will develop skills, knowledge, and habits of mind that will support them in their learning at school and beyond, today and in the future, as well as in their education and career/life planning. Within the context of the community-connected experience, students will apply, extend, and refine skills and knowledge acquired in their related course or courses and will apply skills, knowledge, and habits of mind that will protect and promote their health, safety, and well-being. They will create and implement a learning plan that meets their particular interests and needs, reflect on their learning, and make connections between their experience in the community and other aspects of their lives.

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## **FRENCH**

### **FSF3U: Core French, Grade 11, University Preparation**

This course offers students extended opportunities to speak and interact in real-life situations in French with greater independence. Students will develop their listening, speaking, reading, and writing skills, as well as their creative and critical

thinking skills, through responding to and exploring a variety of oral and written texts. They will also broaden their understanding and appreciation of diverse French-speaking communities, and will develop skills necessary for lifelong language learning. **NOTE:** novel-based work, learning grammatical concepts with an arts-based focus, cross curricular study.

**Prerequisite:** Core French, Grade 10, Academic

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## HEALTH AND PHYSICAL EDUCATION

### PAF301 (Co-ed): Healthy Active Living – Personal Fitness Activities, Grade 11, Open

This course enables students to further develop the knowledge and skills they need to make healthy choices now and lead healthy, active lives in the future. Through participation in a wide range of physical activities and exposure to a broader range of activity settings, students enhance their movement competence, personal fitness, and confidence. Students also acquire an understanding of the factors and skills that contribute to healthy development and learn how their own well-being is affected by, and affects, the world around them. Students build their sense of self, learn to interact positively with others, and develop their ability to think critically and creatively.

**NOTE:** This course will focus on activities to promote lifelong physical and mental wellness in a fitness center atmosphere. Students will learn to develop and revise personal fitness plans to suit their own needs, such as cross training for their chosen sport or desiring to improve their self-image and fitness levels, as well as assess and monitor their health-related fitness during physical activity. The course involves various forms of physical training including cardiovascular and strength training programs. The development of these skills will start students on a path to achieving their personal wellness goals both now and in the future.

### PPL30F (Female) PPL301 (Co-ed): Healthy Active Living Education, Grade 11, Open

This course enables students to further develop the knowledge and skills they need to make healthy choices now and lead healthy, active lives in the future. Through participation in a wide range of physical activities and exposure to a broader range of activity settings, students enhance their movement competence, personal fitness, and confidence. Students also acquire an understanding of the factors and skills that contribute to healthy development and learn how their own well-being is affected by, and affects, the world around them. Students build their sense of self, learn to interact positively with others, and develop their ability to think critically and creatively.

**NOTE:** This interactive and cooperative course provides students with an introduction to a variety of court, field and individual sports while also introducing the basic knowledge of personal fitness that can allow them to truly embrace healthy living throughout their lives. They will further develop basic sport skills and learn important game strategies in team games such as basketball, volleyball, soccer, football and slow pitch while continuing to develop a knowledge of individual activities such as badminton, tennis and golf. Students will also have the opportunity to try out a variety of fitness programs ranging from strength to yoga or sport-specific training, and participate in community field trips such as rock climbing, skiing and golf.

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## INTERDISCIPLINARY STUDIES

### BLOCK2A: Outdoor Pursuits – 2 credit package

This program offers students the exciting opportunity to engage in a diverse range of outdoor activities, including hiking, canoeing, orienteering, high ropes, camping, wilderness survival, and cross-country skiing. Two overnight trips, including a winter outdoor education trip and a spring camping trip, are highlights of the course. The program consists of two courses, each worth one credit. **\*Please note that a fee of approximately \$400 is associated with this course.**

### PAD30 – Healthy Living and Outdoor Activities, Grade 11, Open

This course enables students to further develop the knowledge and skills they need to make healthy choices now and lead healthy, active lives in the future. Through participation in a wide range of physical activities and exposure to a broader range of activity settings, students enhance their movement competence, personal fitness, and confidence. Students also acquire an understanding of the factors and skills that

contribute to healthy development and learn how their own well-being is affected by, and affects, the world around them. Students build their sense of self, learn to interact positively with others, and develop their ability to think critically and creatively. **NOTE:** In this course, students will acquire valuable skills in leadership, teamwork, and various outdoor pursuits. They will have the chance to participate in local hikes and off-site activities, enabling them to develop their abilities in a practical setting. **Prerequisite: None**

### **CGR4M *OR* CGR4E: Grade 12**

These courses focus on fostering an understanding of natural resource stewardship, ecological systems, government policies, and the exploration of sustainable practices. Through these courses, students will gain insights into ways of promoting environmentally conscious approaches. Additionally, students will have the opportunity to gain hands-on experience with initiatives like invasive species removal and other ecological projects.

#### **CGR4M: The Environment and Resource Management, University/College**

This course investigates interactions between natural and human systems, with a particular emphasis on the impacts of human activity on ecosystems and natural processes. Students will use the geographic inquiry process, apply the concepts of geographic thinking, and employ a variety of spatial skills and technologies to analyse these impacts and propose ways of reducing them. In the course of their investigations, they will assess resource management and sustainability practices, as well as related government policies and international accords. They will also consider questions of individual responsibility and environmental stewardship as they explore ways of developing a more sustainable relationship with the environment.

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

#### **CGR4E: Living in a Sustainable World, Workplace**

This course examines the impact of human activity on the natural environment. Students will explore the use of natural spaces and resources and the effects of planning decisions and consumer choices on natural systems. Students will apply the concepts of geographic thinking and the geographic inquiry process, including spatial technologies, to investigate practical solutions to environmental issues, enabling them to make more sustainable decisions at home, in the workplace, and in the local community.

**Prerequisite: Issues in Canadian Geography, Grade 9, Academic or Applied**

### **IDC30: Personal Money Management, Grade 11, Open**

This course emphasizes the development of the knowledge and skills that make handling money and personal financial decisions easily understood. Students will develop strategies and plans that may prevent future financial and personal stress. Topics include earning, spending, credit cards, saving, investing, and debt management. This course combines expectations for Interdisciplinary Studies, Grade 11, Open, with the expectations of two or more other courses (ex. Economics, Grade 11, Mixed; Accounting, Grade 11, Mixed; Math, Grade 11, College; Math, Grade 11, Workplace, etc.).

**Prerequisite: None**

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## **SCIENCE**

### **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.

**NOTE:** Students will learn microbiology, including bacteria and viruses, with a focus on disease. Students will also build on their understanding of the systems of the human body and will be introduced to some diseases of those systems. Students will also learn about inheritance with a focus on the importance of DNA and inheritance patterns.

**Prerequisite: Science, Grade 10, Academic or Applied**

### 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. **NOTE:** Students will learn about the vast diversity of living organisms, from the simple bacteria up to complex organisms. They will also learn the role that many of these organisms play in our health and diseases. Students will also build on their understanding of the systems of the human body and will be introduced to some diseases of those systems. Students will also learn about inheritance with a focus on inheritance patterns and predicting offspring based on these learned patterns. Students will also be introduced to the concept of evolution and how it links together many aspects of biology. **Prerequisite: Science, Grade 10, Academic**

### SCH3U: Chemistry, Grade 11, University Preparation



This course enables students to deepen their understanding of chemistry through the study of the properties of chemical bonds; chemical reactions and quantitative relationships in those reactions; reactions; solutions and solubility; and atmospheric chemistry and the behavior 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**

### SPH3U: Physics, Grade 11, University Preparation



This course develops students' understanding of the basic concepts of physics. Students 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 analyze the interrelationships between physics and technology, and consider the impact of technological applications of physics on society and the environment. **NOTE:** Students interested in grade 12 University Physics are advised to take it in 2023-2024, as the course only runs in alternating years. **Prerequisite: Science, Grade 10, Academic**

### 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. **NOTE:** Students will build environmental stewardship by participating in many activities including tree planting, stream rehabilitation and wetland health measurement. Students will contribute to the ongoing assessment and rehabilitation of the Wye River and surrounding watershed. **Prerequisite: Science, Gr. 9, Academic or Applied, or a Gr. 9 or 10 Locally Developed compulsory credit (LDCC) course in science. This course is project-based.**

### 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. **NOTE:** Students will build environmental stewardship by participating in many activities including tree planting, stream rehabilitation and wetland health measurement. Students will contribute to the ongoing assessment and rehabilitation of the Wye River and surrounding watershed.

**Prerequisite: Grade 10 Science, Applied or Academic**

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## SOCIAL SCIENCE AND THE HUMANITIES

### HFC3M: Food and Culture, Grade 11, University/College Preparation

This course focuses on the flavours, aromas, cooking techniques, foods, and cultural traditions of world cuisines. Students will explore the origins of and developments in diverse food traditions. They will demonstrate the ability to cook with ingredients and equipment from a variety of cultures, compare food-related etiquette in many countries and cultures, and explain how Canadian food choices and traditions have been influenced by other cultures. Students will develop practical skills and apply social science research methods while investigating foods and food practices from around the world.

**NOTE:** Students will be involved in cooking labs once a week. *There is a \$40 fee associated with this course.*

**Prerequisite:** None

### **HLS30: Housing and Home Design, Grade 11, Open**

This course introduces students to a range of issues related to housing and home design. Students will learn about the needs that housing fulfils; housing options; home maintenance and safety; and environmental, economic, legal, and social considerations related to housing. They will use the elements and principles of design to analyse design and decorating decisions. Students will develop research skills as they investigate issues related to housing and home design.

**Prerequisite:** None

### **HPC30: Raising Healthy Children, Grade 11, Open**

This course focuses on the skills and knowledge parents, guardians, and caregivers need, with particular emphasis on maternal health, pregnancy, birth, and the early years of human development (birth to six years old). Through study and practical experience, students will learn how to meet the developmental needs of young children, communicate with them, and effectively guide their early behaviour. Students will develop their research skills through investigations related to caregiving and child rearing. **Prerequisite:** None

### **HSP3C: Introduction to Anthropology, Psychology, and Sociology, Grade 11, College Preparation**

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

### **HSP3U: Introduction to Anthropology, Psychology, and Sociology, Grade 11 University Preparation**

This course provides students with opportunities to think critically about theories, questions, and issues related to anthropology, psychology, and sociology. Students will develop an understanding of the approaches and research methods used by social scientists. They will be given opportunities to explore theories from a variety of perspectives, to conduct social science research, and to become familiar with current thinking on a range of issues within the three disciplines.

**Prerequisite:** The Grade 10 academic course in English, or the Grade 10 academic history course (Canadian and world studies)

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## TECHNOLOGICAL EDUCATION

### **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 will 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 will explore postsecondary and career opportunities in the field. **Prerequisite: None**

### **TGI3M: Communications Technology, Grade 11, University/College Preparation (Animation / Game-Maker)**

This course examines communications technology from a media perspective. Students will develop knowledge and skills as they design and produce media projects in the areas of live, recorded, and graphic communications. These areas may include TV, video, and movie production; radio and audio production; print and graphic communications; photography; digital imaging; broadcast journalism; and interactive new media. Students will also develop an awareness of related environmental and societal issues, and will explore college and university programs and career opportunities in the various communications technology fields. **NOTE:** This course will specialize in the creation of animations and video game making exclusively. **Prerequisite: None**

### **TGJ3O: Communications Technology, Grade 11, Open**

This course examines communications technology from a media perspective. Students will develop knowledge and skills as they design and produce media projects in the areas of live, recorded, and graphic communications. These areas may include TV, video, and movie production; radio and audio production; print and graphic communications; photography; digital imaging; broadcast journalism; and interactive new media. Students will also develop an awareness of related environmental and societal issues, and will explore college and university programs and career opportunities in the various communications technology fields. **NOTE:** This course will specialize in the understanding and creation of various mediums. The student will learn about Adobe Photoshop, video editing, short films and documentaries and photography. **Prerequisite: None**

### **TWJ3E: Custom Woodworking, Grade 11, Workplace**

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 will explore apprenticeships, post-secondary training, and career opportunities in the field that may be pursued directly after graduation. **Prerequisite: None**

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## **GRADE 12 COURSE DESCRIPTIONS**

Grade 11 students choose Grade 12 courses on the basis of their needs, interests, strengths, and past achievements. It is important to look at the prerequisites for post-secondary programs to make sure that the grade 12 courses chosen will lead to the desired destination.

## **COMPULSORY COURSES – GRADE 12**

Each student must check her/his status sheet to ensure all graduation requirements will be met by the end of the year. Students are strongly encouraged to investigate destination requirements. One compulsory grade 12 English credit is required for the OSSD.



## **ENG4C: English, Grade 12, College Preparation**

This course emphasizes 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 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 consolidation of literacy, communication, and critical and thinking skills necessary for success in the workplace and in daily life. Students will analyze 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**

## **ENG4U: English, Grade 12, University Preparation (also offered through eHUB and SCDSB elearning)**

This course emphasizes consolidation of literacy, communication, and critical and creative thinking skills necessary for success in the workplace and in daily life. Students will analyze a range of challenging texts from various time 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. **NOTE:** The literary essay will be a large focus of this course as will the development of a formal, personal voice in a variety of written forms.

**Prerequisite: English, Grade 11, University Preparation**

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## **SPECIAL EDUCATION**

K Courses are Ministry of Education approved non-credit courses offered to students who are registered in high school and are unable to meet the requirements of credit courses. These non-credit courses are practical academics and are oriented towards “life skills”. K Courses are based upon alternative expectations that are not currently derived from the Ministry Policy Documents. These expectations are highly individualized and are listed on the Individual Education Plan (IEP). Assessment of these alternative expectations occurs through the IEP process. No marks or credits are granted for alternative expectations.

### **KENENK: Language and Communication Development**

This course involves the development of skills needed for communication and general language use. Many of the program areas for language may link directly to the language strands outlined in the Ontario Curriculum. The IEP becomes the definition of the course and may include components from the following program areas: Listening and Comprehension, Non-Verbal Communication, Social Language, General Language Functions, Conversation Skills and/or Functional Language.

### **KMMENK: Numeracy and Numbers**

This course involves the development of mathematic skills required for daily living. Many of the program areas may link directly with the math strands outlined in the Ontario Curriculum. The IEP becomes the definition of the course and may include components from the following program areas: Calendar Skills, Time, Numeracy, Measurement, Money and /or Personal Finances.

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## **ELECTIVE COURSES – GRADE 12**

Grade 12 students will select up to seven elective courses.

## **ARTS**

## **AMU4M: Music -Instrumental, 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 analyze how to apply skills developed in music to their lives and careers. **Prerequisite: Instrumental Music, Grade 11, University/College Preparation or 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 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 material, 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**

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## **BUSINESS**

### **BAT4M: Financial Accounting Principles, Grade 12, University/College Preparation**



This course introduces students to advanced accounting principles that will prepare them for postsecondary 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

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## **CANADIAN AND WORLD STUDIES**

The prerequisite for any Grade 12 course in Canadian and World Studies is any Grade 11 course in Canadian and World Studies, English, or Social Sciences and Humanities from the appropriate level, unless otherwise stated.

### **CGW4C: World Issues: A Geographic Analysis, Grade 12, College Preparation**



This course explores many difficult challenges facing Canada and the world today – challenges such as unequal access to food, water, and energy; urbanization; globalization; and meeting the needs of a growing world population while ensuring the sustainability of the natural environment. Students will explore these and other world issues from environmental, social, economic, and political perspectives, while applying the concepts of geographic thinking, the geographic inquiry process, and spatial technologies to guide and support their investigations.

**Prerequisite: Issues in Canadian Geography, Grade 9, Academic or Applied**

### **CGW4U: World Issues: A Geographic Analysis, Grade 12, University Preparation**



In this course, students will address the challenge of creating a more sustainable and equitable world. They will explore issues involving a wide range of topics, including economic disparities, threats to the environment, globalization, human rights, and quality of life, and will analyze government policies, international agreements, and individual responsibilities relating to them. Students will apply the concepts of geographic thinking and the geographic inquiry process, including the use of spatial technologies, to investigate these complex issues and their impacts on natural and human communities around the world.

### **CHM4E: Adventures in World History, Grade 12, Workplace Preparation**

This course examines significant developments and events in world history from earliest times to the present. Students will explore a variety of social, cultural, economic, and political developments in different regions of the world and during different periods. In addition to investigating how conflict, religion, work, and technology have

helped shape people's lives, students will examine the contributions of some significant individuals to our global heritage. Students will apply the concepts of historical thinking and the historical inquiry process, including the interpretation and analysis of evidence, when investigating a variety of human experiences in world history.

**Prerequisite: Canadian History since World War I, Grade 10, Academic or Applied, or the locally developed compulsory course (LDCC) in Canadian history**

### **CHY4C: World History since the Fifteenth Century, Grade 12, College Preparation**

This course explores key developments and events in world history since approximately 1450, with a focus on interactions within and between various regions. Students will examine social, economic, and political developments and how they have affected different peoples. Students will extend their ability to apply the concepts of historical thinking and the historical inquiry process, including the interpretation and analysis of evidence, when investigating key turning points in world history and historical forces that have shaped our world.

### **CHY4U: World History since the Fifteenth Century, Grade 12, University Preparation**



This course traces major developments and events in world history since approximately 1450. Students will explore social, economic, and political changes, the historical roots of contemporary issues, and the role of conflict and cooperation in global interrelationships. They will extend their ability to apply the concepts of historical thinking and the historical inquiry process, including the interpretation and analysis of evidence, as they investigate key issues and ideas and assess societal progress or decline in world history.

### **CLN4U: Canadian and International Law, Grade 12, University Preparation**

This course explores a range of contemporary legal issues and how they are addressed in both Canadian and international law. Students will develop an understanding of the principles of Canadian and international law and of issues related to human rights and freedoms, conflict resolution, and criminal, environmental, and workplace law, both in Canada and internationally. Students will apply the concepts of legal thinking and the legal studies inquiry process, and will develop legal reasoning skills, when investigating these and other issues in both Canadian and international contexts.

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## **CO-OPERATIVE EDUCATION**

### **GWL302 Sem 1, half day co-op    GWL304 Sem 1, full day co-op**

Cooperative Education is a method of program delivery whereby regular curriculum or Ministry approved locally developed courses are linked to workplace experience. It assists the student in making a successful transition to post-secondary work and education or training. Students will explore the realities and opportunities of modern workplaces, while refining their employability skills. There are both classroom and placement components. A student may take co-op more than once as long as each co-op experience is linked to a different course. Students should be 16 years old and have 16 credits. There is no limit to the number of times that you can take co-op and co-op can count up to a maximum of 2 additional compulsory credits.

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## **FRENCH**

### **FSF4U: Core French, Grade 12, University Preparation**

This course provides extensive opportunities for students to speak and interact in French independently. Students will develop their listening, speaking, reading, and writing skills, apply language learning strategies in a wide variety of real-life situations, and develop their creative and critical thinking skills through responding to and interacting with a variety of oral

and written texts. They will also enrich their understanding and appreciation of diverse French-speaking communities, and will develop skills necessary for lifelong language learning. **Prerequisite: Core French, Grade 11, University Preparation**

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## HEALTH AND PHYSICAL EDUCATION

### **PAF401 (Co-ed): Healthy Living and Personal and Fitness Activities, Grade 12, Open**



This course enables students to further develop the knowledge and skills they need to make healthy choices. It places special emphasis on how students can maintain the habits of healthy, active living throughout their lives as they make the transition to adulthood and independent living. Through participation in a wide range of physical activities in a variety of settings, students can enhance their movement competence, personal fitness, and confidence. Students also acquire an understanding of the factors and skills that contribute to healthy development and learn how their own well-being is affected by, and affects, the world around them. Students build their sense of self, learn to interact positively with others, and develop their ability to think critically and creatively. **NOTE:** This course will focus on activities to promote lifelong physical and mental wellness in a fitness center atmosphere. Students will learn to develop and revise personal fitness plans to suit their own needs, such as cross training for their chosen sport or desiring to improve their self-image and fitness levels, as well as assess and monitor their health-related fitness during physical activity. The course involves various forms of physical training including cardiovascular and strength training programs. The development of these skills will start students on a path to achieving their personal wellness goals both now and in the future.

### **PLF4M (Co-ed): Recreation and Healthy Active Living Leadership, Grade 12, University/College Preparation**



This course enables students to explore the benefits of lifelong participation in active recreation and healthy leisure and to develop the leadership and coordinating skills needed to plan, organize, and safely implement recreational events and other activities related to healthy, active living. Students will also learn how to promote the benefits of healthy, active living to others through mentoring and assisting them in making informed decisions that enhance their well-being. The course will prepare students for university programs in physical education and health and kinesiology and for college and university programs in recreation and leisure management, fitness and health promotion, and fitness leadership.

**Prerequisite: Any health and physical education course**

### **PPL40F (Female) PPL401 (Co-ed): Healthy Active Living Education, Grade 12, Open**



This course enables students to further develop the knowledge and skills they need to make healthy choices. It places special emphasis on how students can maintain the habits of healthy, active living throughout their lives as they make the transition to adulthood and independent living. Through participation in a wide range of physical activities in a variety of settings, students can enhance their movement competence, personal fitness, and confidence. Students also acquire an understanding of the factors and skills that contribute to healthy development and learn how their own well-being is affected by, and affects, the world around them. Students build their sense of self, learn to interact positively with others, and develop their ability to think critically and creatively.

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## MATHEMATICS

### **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 analyze 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

### **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

### **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 modeling of real-world relationships. Students will also refine their use of the mathematical processes necessary for success in senior mathematics. This course is intended for students who choose to pursue careers in fields such as science, engineering, economics, and some areas of business, including those students who will be required to take a university-level calculus, linear algebra, or physics course.

**Prerequisite:** The Advanced Functions course (MHF4U) must be taken prior to Calculus and Vectors (MCV4U).

### **MDM4U: Mathematics of Data Management, Grade 12, University Preparation (also offered through SCDSB elearning)**

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.

### **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

### **MHF4U: Advanced Functions, Grade 12, University Preparation**

This course extends students' experiences 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

## SCIENCE

### 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. **NOTE:** Students will dive into biology using their new abilities acquired from chemistry to achieve a more thorough understanding of biological concepts already introduced in earlier courses. Students will learn the complex processes that drive cells and organisms in biology. This course will help students have a deeper understanding of normal cell functioning and genetics.

**Prerequisite:** Biology, 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. **This course will be offered in alternate years: 2024-2025, 2026-2027.**

### 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

### SNC4E: Science, Grade 12, Workplace

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

### SNC4M: Science, Grade 12, University/College Preparation

This course enables students, including those pursuing postsecondary 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, or college preparation course in science

### SPH4U: Physics, Grade 12, University Preparation

This course enables students to deepen their understanding of the concepts and theories of physics. 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. **This course is offered every second year. (Next: 2025-2026)**

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## SOCIAL SCIENCE AND THE HUMANITIES

The prerequisite for any grade 12 course in the Social Sciences and Humanities is any university, college, or university/college preparation course in social sciences and humanities, English, or Canadian and world studies, unless otherwise stated.

### HFA4C – Nutrition and Health, Grade 12, College Preparation



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

### HHG4M – Human Development Throughout the Lifespan, Grade 12, University/College Preparation

This course offers a multidisciplinary approach to the study of human development throughout the lifespan. Students will learn about a range of theoretical perspectives on human development. They will examine threats to healthy development as well as protective factors that promote resilience. Students will learn about physical, cognitive, and social-emotional development from the prenatal period through old age and will develop their research and inquiry skills by investigating issues related to human development.

### HSB4U: Challenge and Change in Society, Grade 12, University Preparation

This course focuses on the use of social science theories, perspectives, and methodologies to investigate and explain shifts in knowledge, attitudes, beliefs, and behavior and their impact on society. Students will critically analyze how and why cultural, social, and behavioral patterns change over time. They will explore the ideas of social theorists and use those ideas to analyze causes of and responses to challenges such as technological change, deviance, and global inequalities. Students will explore ways in which social science research methods can be used to study social change.

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## TECHNOLOGICAL EDUCATION

### 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 will 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 will explore entrepreneurship and career opportunities in the industry that may be pursued directly after graduation.

**Prerequisite: Construction Technology, Grade 11, Workplace Preparation**

### **TGI4M: Interactive New Media and Animation, Grade 12, University/College Preparation**

This course enables students to further develop media knowledge and skills while designing and producing projects in the areas of live, recorded, and graphic communications. Students may work in the areas of TV, video, and movie production; radio and audio production; print and graphic communications; photography; digital imaging; broadcast journalism; and interactive new media. Students will also expand their awareness of environmental and societal issues related to communications technology and will investigate career opportunities and challenges in a rapidly changing technological environment. **NOTE:** This course will specialize in the creation of animations and video game making exclusively. **Prerequisite: Communications Technology , Grade 11, University/College Preparation (Animation / Game-Maker)**

### **TGJ4O: Communications Technology, Grade 12, University/College Preparation**



This course enables students to further develop media knowledge and skills while designing and producing projects in the areas of live, recorded, and graphic communications. Students may work in the areas of TV, video, and movie production; radio and audio production; print and graphic communications; photography; digital imaging; broadcast journalism; and interactive new media. Students will also expand their awareness of environmental and societal issues related to communications technology, and will investigate career opportunities and challenges in a rapidly changing technological environment. **NOTE:** This course will specialize in the understanding and creation of various mediums. The student will learn about Adobe Photoshop, video editing, short films and documentaries and photography. **Prerequisite: Communications Technology, Grade 11, University/College Preparation**

### **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 residential and/or commercial cabinets and furniture. 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 maybe pursued directly after graduation. **Prerequisite: Custom Woodworking, Grade 11, Workplace Preparation**

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## **SCDSB E-learning Courses**

### **ARTS**

#### **[ASM2OV: 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

#### **[AWS3OV: Digital Media](#)**



## [Grade 11 Open](#)

This course uses digital media for the creation of fine art and graphic design. Students will use computer software, as the medium, to create artistic images by learning various illustration techniques, image manipulation and processes, techniques and styles. Students will also learn how to use these skills and create graphic designs such as posters. Understanding of the elements and principles of design, visual literacy, will teach students how to make effective compositions and analyze others. The history of digital art and graphic design will be studied.

Prerequisite: Visual Arts or Digital Media, Grade 9 or 10 Open recommended

## [AVI3MV: 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 emerging 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 art form (e.g., photography, video, computer graphics, information design).

Prerequisite: Visual Arts, Grade 9 or 10, Open

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## **BUSINESS STUDIES**

## [BBB4MV: 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 postsecondary programs in business, including international business, marketing, and management.

Prerequisite: None

## [BOH4MV: 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 are also emphasized. Students will take a hands-on approach to learning the functions of management, using various pieces of software.

Prerequisite: None

## [BDI3CV: 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 school-based or student-run business. Through hands-on experiences, students will have opportunities to develop the values, traits, and skills most often associated with successful entrepreneurs. Prerequisite: None

### [BMI3CV: 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

### [BMX3EV: Marketing: Retail and Service](#) [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

### [BAF3MV: Financial Accounting Fundamentals](#) [Grade 11 University/College Preparation](#)

Every business school in the world teaches accounting. 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

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## **CANADIAN AND WORLD STUDIES**

### [CLN4UV: Canadian and International Law](#) [Grade 12 University Preparation](#)

This course explores a range of contemporary legal issues and how they are addressed in both Canadian and international law. Students will develop their understanding of the principles of Canadian and international law when exploring rights and freedoms within the context of topics such as religion, security, cyberspace, immigration, crimes against humanity, and environmental protection. Students will apply the concepts of legal thinking and the legal inquiry process when investigating these issues in both Canadian and international contexts, and they will develop legal reasoning skills and an understanding of conflict resolution in the area of international law. Prerequisite: Any university or university/college preparation course in Canadian and world studies, English or social sciences and humanities

### [CGW4UV: World Issues: A Geographic Analysis](#) [Grade 12 University Preparation](#)

In this course, students will address the challenge of creating a more sustainable and equitable world. They will explore issues involving a wide range of topics, including economic disparities, threats to the environment, globalization, human rights, and quality of life, and will analyse government policies, international agreements, and individual responsibilities relating to them. Students will apply the concepts of geographic thinking and the geographic inquiry process, including the use of spatial technologies, to investigate these complex issues and their impacts on natural and human communities around the world.

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

### CLN4CV: Legal Studies Grade 12 College Preparation

This course provides a foundation for students who wish to pursue a career that requires an understanding of law. Students will explore the importance of law, analysing contemporary legal issues and their relevance to daily life. They will investigate the requirements for various law-related careers as well as legal responsibilities in the workplace. Students will apply the concepts of legal thinking and the legal studies inquiry process to investigate their rights and responsibilities, legal processes and structures, and the role of law in a changing society.

Prerequisite: Civics and Citizenship, Grade 10, Open

### CGR4MV: The Environment and Resource Management Grade 12 University/College Preparation

This course investigates interactions between natural and human systems, with a emphasis on the impacts of human activity on ecosystems and natural processes. Students will use the geographic inquiry process, apply the concepts of geographic thinking, and employ a variety of spatial skills and technologies to analyse these impacts and propose ways of reducing them. During their investigations, they will assess resource management and sustainability practices, as well as related government policies and international accords. They will also consider questions of individual responsibility and environmental stewardship as they explore ways of developing a more sustainable relationship with the environment.

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

### CLU3MV: Understanding Canadian Law Grade 11 University/College Preparation

This course explores Canadian law, with a focus on legal issues that are relevant to the lives of people in Canada. Students will gain an understanding of laws relating to rights and freedoms in Canada; our legal system; and family, contract, employment, tort, and criminal law. Students will develop legal reasoning skills and will apply the concepts of legal thinking and the legal studies inquiry process when investigating a range of legal issues and formulating and communicating informed opinions about them.

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

### CGG3OV: Travel and Tourism: A Geographic Perspective Grade 11 Open

This course focuses on issues related to travel and tourism within and between various regions of the world. Students will investigate unique environmental, sociocultural, economic, and political characteristics of selected world regions. They will explore travel patterns and trends, as well as tensions related to tourism, and will predict future tourism destinations. Students will apply the concepts of geographic thinking and the geographic inquiry process, including spatial technologies, to investigate the impact of the travel industry on natural environments and human communities.  
Prerequisite: Issues in Canadian Geography, Grade 9, Academic or Applied

## CHV2OV: Civics and Citizenship Grade 10 Open

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

## CGC1DV: Issues in Canadian Geography Grade 9: Academic

This course examines interrelationships within and between Canada's natural and human systems and how these systems interconnect with those in other parts of the world. Students will explore environmental, economic, and social geographic issues relating to topics such as transportation options, energy choices, and urban development. Students will apply the concepts of geographic thinking and the geographic inquiry process, including spatial technologies, to investigate various geographic issues and to develop possible approaches for making Canada a more sustainable place in which to live.

Prerequisite: None

## CGC1DW: Issues in Canadian Geography FRENCH Grade 9: Academic

This course examines interrelationships within and between Canada's natural and human systems and how these systems interconnect with those in other parts of the world. Students will explore environmental, economic, and social geographic issues relating to topics such as transportation options, energy choices, and urban development. Students will apply the concepts of geographic thinking and the geographic inquiry process, including spatial technologies, to investigate various geographic issues and to develop possible approaches for making Canada a more sustainable place in which to live.

Prerequisite: None

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**ENGLISH**

## ENG4UV: English Grade 12 University Preparation

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

Prerequisite: English, Grade 11, University Preparation

## ENG4CV: 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

## EWC4UV: 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

## NBE3UV: (English) Understanding Contemporary First Nations, Métis, and Inuit Voices Grade 11 University Preparation

This course explores the themes, forms, and stylistic elements of a variety of literary, informational, graphic, oral, cultural, and media text forms emerging from First Nations, Métis, and Inuit cultures in Canada, and also examines the perspectives and influence of texts that relate to those cultures. In order to fully understand contemporary text forms and their themes of identity, relationship, and self-determination, sovereignty, or self-governance, students will analyse the changing use of text forms by Indigenous authors/creators from various periods and cultures in expressing ideas related to these themes. Students will also create oral, written, and media texts to explore their own ideas and understanding, focusing on the development of literacy, communication, and critical and creative thinking skills necessary for success in academic and daily life. The course is intended to prepare students for the compulsory Grade 12 English university or college preparation course.

Prerequisite: English, Grade 10, Academic

## NBE3CV: English - Understanding Contemporary First Nations, Métis and Inuit Voices Grade 11 College Preparation

This course explores the themes, forms, and stylistic elements of literary, informational, graphic, oral, cultural, and media text forms emerging from First Nations, Métis, and Inuit cultures in Canada, and

also looks at the perspectives and influences of texts that relate to those cultures. In order to understand contemporary text forms and their themes of identity, relationship, and self-determination, sovereignty, or self-governance, students will study the use of text forms by Indigenous authors/creators from other periods in expressing ideas related to these themes. Students will also create oral, written, and media texts to explore their own ideas and understanding, focusing on the development of literacy, communication, and critical and creative thinking skills necessary for success in academic and daily life. The course is intended to prepare students for the compulsory Grade 12 English college preparation course.

Prerequisite: English, Grade 10, Academic or Applied

## EMS3OV: 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.

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## **GUIDANCE**

## GLC2OV: Career Studies

### Grade 10 Open

This course gives students the opportunity to develop the skills, knowledge, and habits that will support them in their education and career/life planning. Students will learn about global work trends and seek opportunities within the school and community to expand and strengthen their transferable skills and their ability to adapt to the changing world of work. On the basis of exploration, reflective practice, and decision-making processes, students will make connections between their skills, interests, and values and their postsecondary options, whether in apprenticeship training, college, community living, university, or the workplace. They will set goals and create a plan for their first postsecondary year. As part of their preparation for the future, they will learn about personal financial management – including the variety of saving and borrowing tools available to them and how to use them to their advantage – and develop a budget for their first year after secondary school.

Prerequisite: None

## GLC2OW: Career Studies **FRENCH**

### Grade 10 Open

This course gives students the opportunity to develop the skills, knowledge, and habits that will support them in their education and career/life planning. Students will learn about global work trends and seek opportunities within the school and community to expand and strengthen their transferable skills and their ability to adapt to the changing world of work. On the basis of exploration, reflective practice, and decision-making processes, students will make connections between their skills, interests, and values and their postsecondary options, whether in apprenticeship training, college, community living, university, or the workplace. They will set goals and create a plan for their first postsecondary year. As part of their preparation for the future, they will learn about personal financial management – including the variety of saving and borrowing tools available to them and how to use them to their advantage – and develop a budget for their first year after secondary school.

Prerequisite: None

## **GWL3OV: Designing Your Future** **Grade 11 Open**

This course prepares students to make successful transitions to postsecondary destinations as they investigate specific postsecondary 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 develop their portfolios with a focus on their targeted destination and develop an action plan for future success. Prerequisite: None

## **HEALTH AND PHYSICAL EDUCATION**

### **PAF1OV: Personal and Fitness Activities** **Grade 9 Open**

This course equips students with the knowledge and skills they need to make healthy choices now and lead healthy, active lives in the future. Through participation in a wide range of physical activities, students develop knowledge and skills related to movement competence and personal fitness that provide a foundation for active living. Students also acquire an understanding of the factors and skills that contribute to healthy development and learn how their own well-being is affected by, and affects, the world around them. Students build their sense of self, learn to interact positively with others, and develop their ability to think critically and creatively.

Prerequisite: None

### **PSK4UV: Introductory Kinesiology** **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 sport, and the physiological, psychological, and social factors that influence an individual's participation in physical activity and sport. The course prepares students for university programs in physical education and health, kinesiology, health sciences, health studies, recreation, and sports administration.

Prerequisite: Any Grade 11 university or university/college preparation course in science, or any Grade 11 or 12 course in health and physical education

### **PPZ3CV: Health for Life** **Grade 11 College Preparation**

This course enables students to examine the factors that influence their own health practices and behaviours as well as those factors that contribute to the development of healthy communities. It emphasizes the concept of wellness, which addresses all aspects of well-being – physical, cognitive, emotional, spiritual, and social – and promotes healthy eating, physical activity, and building and maintaining a positive sense of self. Students will develop the skills necessary to make healthy choices and create a personal wellness plan. They will also design initiatives that encourage others to lead healthy, active lives. The course prepares students for college programs in health sciences, fitness, wellness, and health promotion.

Prerequisite: None

## **MATHEMATICS**

### **MBF3CV: Foundations for College Mathematics** **Grade 11 College Preparation**

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

### **MEL3EV: 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

### **MCR3UV: 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

### **MDM4UV: 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



## MHF4UV: 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

## MAP4CV: 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

## MEL4EV: 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

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## **SCIENCE**

## SNC4MV: Science Grade 12 University/College Preparation

This course enables students, including those pursuing postsecondary 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, or college preparation course in science

## SNC4EV: 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

## SBI3UV 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

## SVN3EV: 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

## SCH3UV: 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

## SCH4UV: 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

## SBI4UV: 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

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## **SOCIAL STUDIES AND HUMANITIES**

## HZT4UV: Philosophy: Questions and Theories

### Grade 12 University Preparation

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

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

## HHS4UV: Families in Canada

### Grade 12 University Preparation

This course enables students to draw on sociological, psychological, and anthropological theories and research to analyse the development of individuals, intimate relationships, and family and parent-child relationships. Students will focus on issues and challenges facing individuals and families in Canada's diverse society. They will develop analytical tools that enable them to assess various factors affecting families and to consider policies and practices intended to support families in Canada. They will develop the investigative skills required to conduct and communicate the results of

research on individuals, intimate relationships, and parent-child relationships. Prerequisite: Any university or university/college preparation course in social sciences and humanities, English, or Canadian and world studies

## HSB4UV: Challenge and Change in Society Grade 12 University Preparation

This course focuses on the use of social science theories, perspectives, and methodologies to investigate and explain shifts in knowledge, attitudes, beliefs, and behaviour and their impact on society. Students will critically analyse how and why cultural, social, and behavioural patterns change over time. They will explore the ideas of social theorists and use those ideas to analyse causes of and responses to challenges such as technological change, deviance, and global inequalities. Students will explore ways in which social science research methods can be used to study social change.

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

## HHG4MV: Human Development throughout the Lifespan Grade 12 University/College Preparation

This course offers a multidisciplinary approach to the study of human development throughout the lifespan. Students will learn about a range of theoretical perspectives on human development. They will examine threats to healthy development as well as protective factors that promote resilience. Students will learn about physical, cognitive, and social-emotional development from the prenatal period through old age and will develop their research and inquiry skills by investigating issues related to human development.

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

## HSE4MV: Equity and Social Justice: From Theory to Practice Grade 12 University/College Preparation

This course enables students to develop an understanding of the theoretical, social, and historical underpinnings of various equity and social justice issues and to analyse strategies for bringing about positive social change. Students will learn about historical and contemporary equity and social justice issues in Canada and globally. They will explore power relations and the impact of a variety of factors on equity and social justice. Students will develop and apply research skills and will design and implement a social action initiative relating to an equity or social justice issue.

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

## HIP4OV: Personal Life Management Grade 12 Open

This course focuses on preparing students for living independently and working successfully with others. Students will learn to manage their personal resources to meet their basic needs for food, clothing, and housing. They will also learn about their personal, legal, and financial responsibilities and develop and apply interpersonal skills in order to make wise and responsible personal and occupational choices. Students will apply research and inquiry skills while investigating topics related to personal life management. The course emphasizes the achievement of expectations through practical experiences.

Prerequisite: None

## HFC3MV: Food and Culture

### Grade 11 University/College Preparation

This course focuses on the flavours, aromas, cooking techniques, foods, and cultural traditions of world cuisines. Students will explore the origins of and developments in diverse food traditions. They will demonstrate the ability to cook with ingredients and equipment from a variety of cultures, compare food-related etiquette in many countries and cultures, and explain how Canadian food choices and traditions have been influenced by other cultures. Students will develop practical skills and apply social science research methods while investigating foods and food practices from around the world.

Prerequisite: None

## HFC3MW: Food and Culture

### Grade 11 University/College Preparation, FRENCH

This course focuses on the flavours, aromas, cooking techniques, foods, and cultural traditions of world cuisines. Students will explore the origins of and developments in diverse food traditions. They will demonstrate the ability to cook with ingredients and equipment from a variety of cultures, compare food-related etiquette in many countries and cultures, and explain how Canadian food choices and traditions have been influenced by other cultures. Students will develop practical skills and apply social science research methods while investigating foods and food practices from around the world.

Prerequisite: None

## HSG3MV: Gender Studies

### Grade 11 University/College Preparation

This course enables students to explore the social construction of gender. Students will learn about the dynamic nature of gender roles and norms; sexism and power relations; and the impact of representations of women and men in the media, popular culture, and the arts. Students will analyse a range of gender equity issues, including gender-based violence and workplace equity, in both Canadian and global contexts. Students will develop and apply research skills and will design and implement a social action initiative relating to gender equity.

Prerequisite: None

## HSP3UV: Introduction to Psychology, Sociology and Anthropology

### Grade 11 University Preparation

This course provides students with opportunities to think critically about theories, questions, and issues related to anthropology, psychology, and sociology. Students will develop an understanding of the approaches and research methods used by social scientists. They will be given opportunities to explore theories from a variety of perspectives, to conduct social science research, and to become familiar with current thinking on a range of issues within the three disciplines.

Prerequisite: The Grade 10 academic course in English, or the Grade 10 academic history course (Canadian and world studies)

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## Ontario Youth Apprenticeship Program (OYAP)

The Ontario Youth Apprenticeship Program (OYAP) provides students with an opportunity to gain apprenticeship training while completing the credits required for their high school diploma. OYAP students will spend a portion of their senior years in the workplace, through cooperative education, learning the skills of a particular trade, and may become registered as apprentices to their employers. Students begin accumulating hours required for their apprenticeships and will also be put on the waiting list for trade school once they are registered into the program. There are over 150 trades involved in apprenticeships in Ontario.

OYAP is available to full-time students who have a minimum of 16 credits and are at least 16 years of age. Specific programs may have additional academic requirements. For more information, please go to the OYAP website for SCDSB or contact Mr. Neily in the co-op department.

### Trades That Require High Levels of Academic Performance

\*\* grade 12 math is strongly recommended (MCT4C or MAP4C)

\*\* other recommended courses: senior chemistry, senior physics, related tech course if available, co-op (OYAP)

General Machinist	Alignment and Brake Technician	Mechanic
Mould Maker	Transmission Technician	Electronic Service
Technician		
Tool and Die Maker	Truck Trailer Service Technician	General Carpenter
Pattern Maker	Boilermaker	Steamfitter
Industrial Electrician	Construction Millwright	Millwright
Industrial Mechanic	Construction Electrician	Fuel and Electrical Services
Refrigeration Air Conditioning	Farm Equipment Technician	Truck and Coach Technician
Automotive Service Technician	Heavy Duty Equipment Mechanic	

### Trades Where Applied and College Courses Are Suggested

\*\* grade 12 math is highly recommended (MAP4C)

\*\* other recommended courses: senior chemistry, senior physics, related tech course if available, co-op (OYAP)

Cabinetmaker	Sheet Metal Worker	Ironworker
Motorcycle Mechanic	Sprinkler & Fire Protection Installer	Plumber
Heavy Equipment Operator	Mobile Crane Operator	Tower Crane Operator
Glazier and Metal Mechanic	Horticulturalist (replace Physics with Biology)	Cabinetmaker

### Trades Where Workplace Courses are Suitable/Suggested

\*\* grade 12 math is highly recommended (MEL4E or MAP4C)

\*\* other recommended courses: senior workplace science, related tech course if available, co-op (OYAP)

Auto Body Repairer	Drywall Finisher and Plasterer	Roofer
Automotive Painter	Floor Covering Installer	Baker
Marine Engine Mechanic	Cement Finisher	Hairstylist
Motive Power Machinist	Terazzo, Tile and Marble Setter	Cook
Small Engine Technician	Appliance Service Technician	Painter and Decorator
Brick and Stone Mason	Assistant Cook	Patissier
Cement Mason	Drywall, Acoustic & Lathing Applicator	

## Community Service Hours

Students must complete *40 hours* of community involvement. This requirement is to encourage students to develop awareness and understanding of civic responsibility and the role they can play in our community. Students, in collaboration with their parent(s)/guardian(s), are responsible for selecting volunteer activities from the “Eligible Activity List” below.

Students and their parent(s)/guardian(s) have the responsibility for completing the “Completion of Community Involvement Activities” form which is available in the guidance office and submitting these to the school as required.

Eligible Activity List Eligible activities must be without pay, outside class time, and not part of a course requirement, such as job shadowing, co-operative education or work experience. However, an eligible activity that takes place during a student’s lunch break or "spare" period is acceptable.

The SCDSB in consultation with school councils, the Special Education Advisory Committee and Ontario School Board’s Insurance Exchange (OSBIE) approve the activities listed below:

- assistance to seniors
- environmental projects
- working with charitable and service organizations
- community sports and recreation activities
- specific school-related activities
- community activities
- tutoring

The Ministry of Education has developed a list of activities that are ineligible for community involvement activities.

An ineligible activity is one that:

- takes place in a logging or mining environment, if the student is under sixteen years of age
- takes place in a factory, if the student is under fifteen years of age
- takes place in a workplace other than a factory, if the student is under fourteen years of age and is not accompanied by an adult
- would normally be performed for wages by a person in the workplace
- involves the operation of a vehicle, power tools, or scaffolding
- involves the administration of any type or form of medication or medical procedure to other persons
- involves the handling of substances classed as “designated substances” under the Occupational Health and Safety Act
- requires the knowledge of a tradesperson whose trade is regulated by the provincial government
- involves banking or the handling of securities, or the handling of jewelry, works of art, antiques, or other valuables
- consists of duties normally performed in the home (i.e., daily chores) or personal recreational activities
- involves a court-ordered program (e.g., community-service program for young offenders, probationary program)
- an activity which involves the use of a firearm

To learn more about Community Service Hours, click on this [link](#).

To access a printable Community Service Hours Form, click on this [link](#).

## Specialist High Skills Major – Environmental

Would you like to glide quietly through a wetland in a canoe observing Bald Eagles, rare cranes or turtles? Would you like to help the environment by planting trees to help preserve endangered species? Would you like to learn valuable skills and certifications that may enhance future employment? Get outside and learn!! Couple your classroom learning with outdoor experiences designed to provide you with opportunities to apply your knowledge in real environmental stewardship activities. Learning experiences may include, but are not limited to, the following: canoeing through environmentally significant wetlands, bee keeping, streambank rehabilitation, navigation, back country tripping, forestry management initiatives, water quality testing, working in Provincial Parks, as well as, wildflower and tree planting for environmental improvement.

Curriculum expectations will be linked to some of the activities listed above and students will be given the opportunity to visit one or more colleges and universities, achieving certifications in first aid and CPR, GPS, canoe paddling, habitat rehabilitation, species identification and more.

### *Why Environmental?*

- The Canadian environment sector represents about 3.2% of employment in Canada, making it larger than the nation’s aerospace or pharmaceutical industries (Environmental Careers Organization Canada, 2010)
- According to industry experts, existing labour shortages in the environmental sector are expected to increase as regulations to meet Canada’s goals regarding climate change come into effect (Ministry of Education, 2010).
- There are approximately 682, 000 environmental professionals within major industry groups across Canada (Environmental Careers Organization Canada, 2010).

### ***Build Your Resume and Gain Valuable Experience***

#### **Certification / Training:**

- Paddle skills
- Wilderness Survival
- First Aid / CPR
- Navigation / GPS
- WHMIS
- Knots Tying

#### **Career Exploration and Field Trips:**

- Swim test
- Hiking and Canoe trip(s)
- Simcoe County Forest
- Springwater Park
- Fleming College (reach ahead)
- Caving / Rock Climbing

“My SHSM has prepared me for my future education in biological sciences through authentic outdoor experiences.”



## COMPONENTS OF THE SHSM PROGRAM

### 1. CERTIFICATIONS – TOTAL OF 7

FOUR COMPULSORY			
Cardiopulmonary Resuscitation (CPR) Level C (with AED)	compass/map/global positioning system (GPS)	generic (not site-specific) instruction about the Workplace Hazardous Materials Information System (WHMIS)	Standard First Aid


#### **THREE ELECTIVES from the list below (TBD).**

Animal and plant management	Below Zero	Geographic information system (GIS)	Working at Heights
Habitat restoration	Hike Ontario	Introduction to stream assessment protocol	Search and rescue
Leadership Skills	Leave No Trace	Life-saving (Bronze Cross)	Customer service
Paddling techniques	Project Wild	Radio operator	Watershed Management
Species identification	Water/Ice safety	Ontario Hunter Education	
Wilderness survival	Knots technique	Pleasure Craft Operator	



**2. MAJOR CREDITS - TOTAL OF 4 – Four credits in grade 11 or 12 in any combination. See chart below for course options.**

SPECIALIST HIGH SKILLS MAJOR: ENVIRONMENT		
MAJOR CREDITS	GRADE 11	GRADE 12
Total of 4 Required	BAF3M – Accounting CLU3E – Law CLU3M – Law CGG3O – Travel and Tourism CGF3M – Physical Patterns & Processes CHW3M – Ancient History IDC3O – Personal Money Management PAD3O – Outdoor Activities PAF3O – Personal Fitness PPL3O – Healthy Active Living SBI3C - Biology SBI3U – Biology SCH3U – Chemistry SPH3U - Physics SVN3M – Environmental Science SVN3E – Environmental Science TCJ3C – Construction Technology TCJ3E – Construction Technology TGJ3O – Communications Technology TWJ3E – Custom Woodworking	BAT4M – Accounting CGR4M – Environment & Resource Management CGR4E - Environment & Resource Management CGW4U – World Issues CGW4C – World Issues CLN4U – Law HFA4C – Nutrition and Health PAF4O – Personal Fitness PLF4M – Recreational Leadership PPL4O – Healthy Active Living SBI4U - Biology SCH4C - Chemistry SCH4U – Chemistry SNC4E - Science SNC4M - Science SPH4U - Physics HSB4U – Challenge and Change in Society TCJ4C – Construction Technology TCJ4E – Construction Technology TGJ4O – Communications Technology TWJ4E – Custom Woodworking

 Throughout the course calendar this symbol indicates that the course may be counted as a major credit in the SHSM program.

**3. CO-OP CREDITS - 2 required and they must be environment-related.**

**4. INNOVATION, CREATIVITY, AND ENTREPRENEURSHIP (ICE) PROJECT - a design thinking process where students learn about real world, business / company-based problems and brainstorm potential solutions.**

**6. EXPERIENTIAL LEARNING/CAREER EXPLORATION**

**7. REACH AHEAD EXPERIENCES**

**If you have any questions or wish to sign up, please see Mr. Primmer. He may also be reached at: [afprimmer@scdsb.on.ca](mailto:afprimmer@scdsb.on.ca)**