



Innisdale
Secondary School

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

Innisdale Secondary School

About us

Innisdale Secondary School is an active and vibrant educational community located in the south end of Barrie. Our diverse student population with extensive interests is what drives us; we strive to provide a variety of courses and unique opportunities to enhance student learning for all in the hopes that all members of our school community feel a sense of belonging at ISS. Home of the Invaders, Innisdale participates in the Simcoe County Athletic Association and is proud to offer an excellent and extensive sports program, offering sports such as basketball, wrestling, volleyball, hockey, rugby, badminton, ultimate frisbee, football and swimming. As well, Innisdale is home to a wide range of extra-curricular clubs for students such as the D&D Club, Debate Club, DECA, Band, Outbound, JEDI, Athletic and Students' Council.

Program highlights

- **French Immersion** - French Immersion is a 10-credit program designed for those students who have successfully completed the elementary school French Immersion Program.
- **Musical Theatre** - A 2 credit package that culminates in a musical theatre production.
- **Leadership** – Tasked with running a variety of school events and building school community.
- **GeoSci** - Students complete grade 9 geography and science in an integrated cohort.
- **Aquatics for Work** - A 2 credit package allowing students to earn credits while also receiving certification in Bronze Medallion, Bronze Cross, CPR, First Aid and National Lifeguard Service
- **Global Perspectives** - A fully integrated, 5 credit program focusing on international studies. Available to students in grade 11
- **Integrated Arts** - A 2 credit integrated arts program allowing students to explore connections between dance, drama, media arts, music, and/or visual arts.
- **Specialist High Skills Majors (SHSM)**
 - Food, Science & Management (Hospitality)
 - Construction
 - LEAF - Leadership, Environment, Adventure and Fitness
 - Metalworks (Manufacturing)
 - Transportation

Course selection information:

Grade 8 course selection: Week of January 15th to January 31st

Grade 9-12 course selection: Begins the week of February 5th. To be completed by March 1st.

SCDSB Secondary School Handbook

The Secondary page of SCDSB's public 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, follow [THIS LINK](#).

This information is also available in the *SCDSB Secondary Student Handbook* in a downloadable, printable format and can be accessed [HERE](#).

A message from Guidance

Innisdale is committed to reaching every student to help them complete a secondary education and to achieve a successful outcome from the secondary school experience. Guidance counsellors provide students with information and support in areas related to career, education and personal issues. There are many resources in the guidance office, including community resource materials, career and vocational information, post-secondary pathways planning, and scholarship information. Students and parents are encouraged to use [myBlueprint](#) when researching and planning courses and post-secondary destinations. Both students and parents/guardians are invited to make appointments with the counsellors to discuss issues of importance.

School Timetable and Procedures Related to Course Changes

Innisdale is a semestered school. Semester 1 runs from September until January during which students typically have four courses. Semester 2 begins in February and runs through until the end of June. Students will receive a progress report and a midterm report during the semester. Final reports are issued at the end of the semester. Students are encouraged to maintain 8 credits in grades 9, 10 and 11. Students in grade 12, with a minimum of 24 credits, may be allowed to maintain 6 credits. Students are encouraged to complete any course changes in June of each school year for the following year. Minimal changes may be made in the first two weeks of each semester to accommodate pathway changes, openings in classes and pre-requisite issues. Changes will be made with proper documentation completed and submitted to the Guidance department.

Full Disclosure for Grade 11 and 12 Courses

The Ministry of Education has a policy of full disclosure. This policy states that all grade 11 and 12 courses attempted by students must be recorded on Ontario Student Transcripts. Full disclosure does not apply to students in Grade 9 or 10 courses. After the full disclosure deadline, any Grade 11 or 12 course completed, withdrawn from or failed will appear on a student transcript along with the marks earned in the program. The full disclosure date will be posted to students each semester. It occurs after the midterm reports have been issued (usually around November and April). This means senior students (grade 11 or 12) have until the posted date to withdraw from a course without it showing on their transcript.

Understanding Course Codes

Courses use a six character course code for identification. The first five characters of the course code are set by the Ministry of Education. The sixth character is used by SCDSB to identify a specific characteristic of a course – e.g. Co-operative Education, two credit co-op course.

Understanding Course Codes

Example:
ENG1W1

ENG1W1
Course Title Prefix:
16 different beginnings that identify the subject

ENG1W1
Year of Study:
1: Grade 9
2: Grade 10
3: Grade 11
4: Grade 12

ENG1W1
Type of Course:
D: Core
W: Common Curriculum
L: Locally Developed
O: Open

ENG1W1
Sixth Digit:
1, M, F, E, U.....
The 6th digit of the code is usually "1" – but different if there is something unique about the course

Graduation Requirements

To earn a high school diploma in Ontario, students must: earn 18 compulsory credits; earn 12 optional credits; pass the literacy requirement; complete two courses online*, and complete a minimum of 40 hours of community involvement activities. For more information about graduation requirements, students/families can visit [the Ministry of Education website](#).

Compulsory Credits

Students must earn the following 19 compulsory credits to get their Ontario Secondary School Diploma.

4 credits in English* , 1 credit per Grade
3 credits in mathematics (at least 1 credit in Grade 11 or 12)
3 credits for group 1, 2 and 3 courses (1 credit in each group)
2 credits in science
1 credit in Canadian history (Grade 10)
1 credit in Canadian geography (Grade 9)
1 credit in the arts
1 credit in technological education (Grade 9 or 10)
1 credit in health and physical education

1 credit in French as a second language
0.5 credit in career studies
0.5 credit in civics

* Students may count a maximum of **3** credits in **ESL or ELD** towards the 4 compulsory credits in **English**.

Group 1, 2 and 3 compulsory credits

Of the 19 compulsory credits, students must complete **one** from each of the following groups:

<p>Group 1</p> <ul style="list-style-type: none"> English or French as a second language a Native language First Nations, Metis, and Inuit Studies a classical or an international language social sciences and the humanities Canadian and world studies guidance and career education cooperative education
<p>Group 2</p> <ul style="list-style-type: none"> health and physical education the arts business studies French as a second language cooperative education
<p>Group 3</p> <ul style="list-style-type: none"> science (Grade 11 or 12) technological education French as a second language computer studies cooperative education
<p>The following conditions apply to compulsory credit selections from the above three groups:</p> <ul style="list-style-type: none"> In groups 1, 2, and 3, a maximum of 2 credits in French as a second language can count as compulsory credits, one from group 1 and one from either group 2 or group 3. A maximum of 2 credits in cooperative education can count as compulsory credits, selected from any of the above three groups.

Optional credits

Students must earn **11 elective credits** by successfully completing courses offered in the course calendar.

Online Learning Graduation Requirements and Elearning Opportunities

Students/Parents/Guardians may use [THIS LINK](#) to access a list of all SCDSB offered elearning courses for the 2024-2025 school year. The SCDSB works with school boards across Ontario, so we may also be able to access courses offered via [THIS LINK](#). These courses, offered through The Ontario Elearning Consortium, may not be posted until spring. Check the school year (2024-2025) for accuracy, and reach out to your guidance counsellor for support with registration.

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.

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.

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.

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 support 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.

Community Involvement Activities

Students must complete 40 hours of community involvement. Students will be able to start accumulating community involvement hours in the summer before they enter grade 9. This requirement is to encourage students to develop awareness and understanding of civic responsibility and the role they can play in their communities. Students, in collaboration with their parent(s)/guardian(s), are responsible for selecting volunteer activities from the Eligible Activity List. Students and their parent(s)/guardian(s) have the responsibility for completing the Completion of Community Involvement Activities form and handing it in to the school as required. They are also to ensure that the corresponding total number of hours is recorded correctly on the report card. Information on a list of eligible and ineligible activities can be found on [Innisdale's website](#).

Ontario Secondary School Literacy Requirement

All students must successfully complete the Ontario Secondary School Literacy Requirement in order to earn a secondary school diploma. The Ontario Secondary School Literacy Test will be administered in Grade 10. The requirement may be earned by successful completion of the Literacy test, or the Literacy Course or through the Adjudication Process. More information on the OSSLT can be found on the [Ministry of Education's website](#).

Ontario Secondary School Certificate (OSSC)

The Ontario Secondary School Certificate will be granted on request to students who leave school before earning the Ontario Secondary School Diploma and who have earned a minimum of 14 credits, seven of which satisfy the compulsory credit requirements.

Compulsory Credits (total of 7)	Optional Credits (total of 7)
2 credits in English 1 credit in Canadian Geography or history 1 credit in mathematics 1 credit in science 1 credit in health and physical education 1 credit in the arts, technological education or computer studies	7 credits selected by the student from available courses
Note: Students earning the OSSC are not required to complete Community Involvement Hours or to pass the OSSLT.	

Ontario Secondary School Certificate of Accomplishment (COA)

Students who leave school before fulfilling the requirements for the Ontario Secondary School Diploma or the Ontario Secondary School Certificate may be granted a Certificate of Accomplishment. This certificate may be a useful means of recognizing achievement for students who plan to take certain vocational programs or other kinds of further training. Students who return to school to complete additional credit and non-credit courses will have their transcript updated, but will not be issued a new Certificate of Accomplishment.

Courses offered in Secondary School

Five types of courses are offered in Grade 9 and 10:

- Destreamed/Grade 9 Core courses link to the Pillars of Equity, Diversity and Inclusion and of Excellence in Teaching and Learning with the goal of an equitable transition into high school academics for all students.
- Academic courses lead to university/college and university courses in senior grades.
- Applied courses lead to college and workplace courses in senior grades.
- Locally Developed courses may be offered to meet needs that are not met by courses provided in the curriculum policy documents. These courses are intended to enable students to gain the necessary skills required to be successful in applied and workplace pathway courses. Students who need additional support in academic core subjects (English, mathematics, science and history) may count up to 7 Locally Developed courses as compulsory courses in grades 9 and 10.
- Open courses are designed to prepare students for further study in certain subjects and to enrich their education generally.

Four types of courses are offered in Grades 11 and 12:

- University preparation courses are designed to equip students with the knowledge and skills they need for entrance to university.
- University/College preparation courses are designed to equip students for entrance to university and college programs
- College preparation courses prepare students for college programs and related careers. Many apprenticeships require college courses as a minimum.
- Workplace courses prepare students for direct entry into the workplace or admission to some apprenticeship programs and training programs.
- Open courses are appropriate for all students and are not linked to any specific postsecondary destination.

Note: Students must complete ENG4U plus 5 other '4U' or '4M' courses to be eligible to apply for university. Many university programs require specific 'M' or 'U' courses. Students are advised to carefully check [university calendars](#) for entrance requirements before grade 12 course selection. To be eligible for most college programs, students must be successful in ENG4C or ENG4U along with any other prerequisites identified by the specific institution.

Specialized Programs

Secondary schools in the SCDSB offer Student Success programs which include, but are not limited to: credit recovery, expanded cooperative education, dual credits, specialist high skills majors, education and career planning, as well as transition programs for students as they enter and graduate from secondary school. Incorporating differentiated instructional methods, as well as responding to the student voice are all key success initiatives that are helping our schools improve educational outcomes for all students.

For more information, contact your school's Guidance or Student Success Department or go to [Program Options](#) on the SCDSB website.

Specialized Education

The SCDSB is committed to working with parents/guardians and communities to support all SCDSB students to reach their full potential. The SCDSB provides special education support and services to students with special needs. There are special education teachers at every school. In addition, there are some specialized county classes for students who require significant changes to curriculum to meet their needs. Students who are identified as requiring this level of specialized support are transported to a school that has the county class. Additional information can be found on the [SCDSB website](#) or by contacting the Special Education Department at Innisdale.

Specialist High Skills Major Programs



Specialist High Skills Majors (SHSM) are bundles of 8-10 courses that allow Grade 11 and 12 students to focus their learning on a specific economic sector while getting their high school diploma. SHSMs provide students with an opportunity to focus their learning and gain valuable experience for all post-secondary opportunities.

The SHSM program has a number of required components, designed to give students a “leg-up” to pursue post-secondary opportunities in a variety of employment sectors. Students will also earn industry recognized certifications, which builds confidence in their skills and links their studies with the world beyond high school and future careers. For complete information on SHSM programs, please visit [MySHSM](#) and visit the guidance office.

Manufacturing: ISS Metalworks

The ISS Metalworks SHSM program will better prepare students for postsecondary studies and careers in one of the largest expanding communities in Ontario. SHSM Students will have an advantage over students because of opportunities that are earned while enrolled in this program. Opportunities to learn skills and earn certificates in areas such as:

- Workplace Health and Safety
- Personal Protective Equipment – manufacturing
- Computer-aided design and computer-aided manufacturing (CAD/CAM)
- Lean Manufacturing
- Hoisting and Rigging
- Safety Orientation and Basic electrical safety

The SHSM program will better equip students with knowledge and practical skills necessary for starting an apprenticeship, enrolling in a college or university program or entering the workforce. The students' individual projects can be tailored to the interest of the skilled trades such as General Machinist, Mould Makers, Tool & Die makers, Millwrights and Welders depending on their pathway. Top students in the course will be selected to compete and the winners will represent SCDSB at [Skills Ontario](#) in categories such as CAM (Computer Aided Manufacturing), Precision Machining and Welding and could include others depending on the student's interest. Students will have the opportunity to learn from guest speakers from local businesses. Topics such as how to secure your first job, what skills are required early in your career, what soft skills are required to keep your job and how to be a productive employee will be emphasised. Students will have opportunities to participate in company tours that expose them to the workplace environment and the current technology being used.

Construction

The ISS construction SHSM helps students to achieve relevant trade certificates (free) that are needed to work on any job location. First aid, forklift, chain saw, working from heights to name a few. Gain valuable hands-on experience with construction materials to

Course Calendar, Grade 10-12

build and create a limitless number of projects for yourself and the community. Examples include Muskoka chairs, sheds, decks, garages, electrical, plumbing, custom woodworking projects, drywall, framing buildings, and your own personal project.

The co-op section of the course will allow you to experience the working world in a trade area of your choosing which can be used for school credits and in some cases be applied to your apprenticeship hours. There is also the opportunity to take part in free field trips that explore the construction field. Past trips have gone to Sudbury mines, Hamilton, Skills Canada events, Canoe museum, Algonquin Park, and trade training facilities to name a few.

Hospitality

Get a jump on launching your career into the world of food! The Hospitality SHSM at Innisdale Secondary School prepares students for post-secondary pathways to University, College, Apprenticeship as well as immediate positions in the workplace! The Hospitality SHSM bundle of courses is specifically tailored to help students obtain the prerequisites necessary to apply to food related programs at University and College. Students will obtain a foundation of culinary skills through industry standard culinary training in a professional commercial kitchen which will help them transition to whichever post-secondary pathway they choose! Students will learn about how to pursue a wide variety of careers such as Food Product Developer; Research and Development Manager; Hotel/Restaurant/Resort Manager; Executive Chef; Pastry Chef and many more!

Other program highlights:

- Gain practical job experience through a double credit co-op placement!
- Take advantage of opportunities to compete in various culinary competitions!
- Obtain Industry Standard Certifications such as First Aid / CPR, the Food Handler's Certificate and Smart Serve!

Transportation

Our SHSM program not only focuses on the automotive service sector but also vehicle restoration, automotive design, engineering and manufacturing. These areas provide students with an opportunity to enter the industry in many different fields and give them a competitive advantage because of the opportunities earned while enrolled in this program. Currently, transportation students can expect to take part in: service and restoration; environmental safety and disposal; WHMIS and customer service training; and, project-based assignments which allow for training using the latest diagnostic software repair such as ProDemand and use of Snap On scanner with other diagnostic aids. Enrolling in an SHSM helps to provide additional learning opportunities in:

- Computer and PCM flash reprogramming and coding to develop automation systems for vehicle scale prototypes
- Vehicle and robot design using the latest CAM/CAD and software build components
- Service and learn about hybrid and electric vehicle safety and operation
- Additional health and safety training such as SFA/CPR

LEAF: Leadership, Environment, Adventure, Fitness

The Leadership, Environment, Adventure and Fitness (LEAF) SHSM will give students an opportunity to explore careers and develop skills required for the diverse environmental sector. LEAF is a bundle of courses that allows grade 11 & 12 students to focus their learning in the 4-core sector areas. Students will gain valuable training and certifications, including:

- Standard First Aid, Level C CPR, WHMIS, Green Check GPS, ORCKA Basic Paddling and Canoe Tripping, Wilderness First Aid, Ontario Education Leadership Centre Training, Leave No Trace Education

LEAF also provides unique experiential learning opportunities, including rock climbing & caving, mountain biking, kayaking, dog sledding, high ropes course or Aerial TreeTop Trekking, stand-up paddling (SUP), team building & leadership training, backcountry canoe tripping and winter camping.

Are you interested in pursuing a career related to the environment, resource management, outdoor recreation and tourism, Kinesiology and outdoor fitness activities, or leading a team in "the wild"? The LEAF SHSM will connect you to employers looking for people just like you, and provide you with amazing certifications to give you a head start at getting a great job. LEAF is for you!

French Immersion

In the French immersion program, students learn French as a subject and take two or more other subjects where French is the language of instruction.

Students accumulate ten credits in French:

- Four for FSL language courses
- Six for other subjects for which French is the language of instruction

At Innisdale, we offer the following courses as part of the French Immersion certificate. **Throughout this document, French Immersion course codes are in red for ease of identification.** Students may also choose to complete some of their required courses via elearning. Please refer to the eLearning Opportunities section for more information.

French Immersion Completion Requirements	
Grade	Course Listings
9 4 credits	<ul style="list-style-type: none">• FIF1DU (French Immersion)• CGC1DU (Canadian Geography)• PAD1OU (Outdoor Education Phys. Ed)

Course Calendar, Grade 10-12

	<ul style="list-style-type: none">• ADA1OU (Drama) or AVI1OU (Visual Art)
10 3 credits	<ul style="list-style-type: none">• FIF2DU (Academic French Immersion) or FIF2PU (Applied French Immersion)• CIV2CU (Civics and Careers)• CHC2DU (Academic Canadian History) or CHC2PU (Applied Canadian History)
11 2 credits	<ul style="list-style-type: none">• FIF3UU (University French Immersion) or FIF3CU (College French Immersion)• HSP3UU (University Anthropology/Psychology/Sociology) or HSP3CU (College Anthropology/Psychology/Sociology)
12 1 credit	<ul style="list-style-type: none">• FIF4UU (University French Immersion) or FIF4OU (Open French Immersion)

Course Calendar, Grade 10-12

Condensed Calendar (please note French Immersion offerings in red and ending in “U”)

The Arts				
Area of Study	Grade 9	Grade 10	Grade 11	Grade 12
Dance	ATC1O1	ATC2O1	ATC3M1	ATC4M1
Drama	ADA1O1 , ADA1OU	ADA2O1	ADA3M1	ADA4M1
Vocal Music	AMV1O1	AMV2O1	AMV3O1 , AMV3M1	AMV4M1
Instrumental Music	AMI1O1	AMI2O1 , AMG2O1 , AMK2O1	AMI3M1 , AMG3O1	AMI4M1
Digital Music Production			AMC3O1	AMC4M1
Visual Art	AVI1O1 , AVI1OU	AVI2O1	AVI3O1 , AVI3M1	AVI4M1 , AEA4O1
Media Art	AWS1O1	ASM2O1	ASM3M1	ASM4M1
Film Studies			AWR3O1	AWR4M1
Business				
Area of Study	Grade 9	Grade 10	Grade 11	Grade 12
Entrepreneurship	BEM1O1	BEP2O1	BDI3C1	
Accounting			BAF3M1	BAT4M1
Marketing			BMI3C1	
Money Management				IDC4O1
Management Fundamentals				BOH4M1
Canadian and World Studies				
Area of Study	Grade 9	Grade 10	Grade 11	Grade 12
History		CHC2D1 , CHC2P1 , CHC2DU , CHC2PU , CHC2LL	CHW3M1	CHY4U1 , CHY4UP , CHY4C1
Geography	CGC1W1 , CGC1WU		CGG3O1	CGR4E1 , CGW4U1
Law			CLU3E1 , CLU3M1	CLN4U1
Politics				CPW4U1
Civics and Careers		CIV2CA , CIV2CU		
Computer Studies				
Area of Study	Grade 9	Grade 10	Grade 11	Grade 12
Digital Technology		ICD2O1		
Computer Programming			ICS3C1	
Computer Science			ICS3U1	ICS4U1
Co-operative Education				
Area of Study	Grade 9	Grade 10	Grade 11	Grade 12
Co-operative Education			GLN4O2 GLN4O4	GLN4O2 GLN4O4
English				
Area of Study	Grade 9	Grade 10	Grade 11	Grade 12
English	ENL1W1 , ENG1LL	ENG2D1 , ENG2P1 , ENG2LL	NBE3E1 , NBE3C1 , NBE3U1	ENG4C1 , ENG4E1 , ENG4U1
Writer's Craft				EWC4C1 , EWC4U1

Course Calendar, Grade 10-12

Literacy				OLC4O1
English as a Second Language	ESLAO1	ESLAO1	ESLAO1	ESLAO1
French and Classical Languages				
Area of Study	Grade 9	Grade 10	Grade 11	Grade 12
Core French	FSF1O1 , FSF1D1	FSF2P1 , FSF2D1	FSF3U1 , FSF3O1	FSF4U1 , FSF4UP , FSF4O1
French Immersion	FIF1DU	FIF2DU , FIF2PU	FIF3OU , FIF3UU	FIF4UU , FIF4OU
Latin		LVLBD1	LVLCD1	LVLDU1
Guidance and Career Education (* Only for students with an Individual Education Plan)				
Area of Study	Grade 9	Grade 10	Grade 11	Grade 12
Learning Strategies	GLS1O1 , GLE1O1*	GLE2O1*	GLE3O1*	GLE4O1*
Leadership				IDC4U1
Studies in Education				IDC4UA
Health and Physical Education				
Area of Study	Grade 9	Grade 10	Grade 11	Grade 12
Phys. Ed	PPL1OM , PPL1OF , PPL1O1	PPL2OE , PPL2OM , PPL2O1	PPL3O1	PPL4O1
Fitness	PAF1O1	PAF2O1	PAF3O1	PAF4O1
Outdoor Education	PAD1OU	PAD2O1		
Hockey		PAL2O1	PAL3O1	
Basketball/Volleyball		PAI2O1		
Yoga			PAR3O1	PAR4O1
Kinesiology				PSK4U1
Rugby/Football			PAI3O1	
Mathematics				
Area of Study	Grade 9	Grade 10	Grade 11	Grade 12
Mathematics	MTH1W1 , MAT1LL	MFM2P1 , MPM2D1 , MAT2LL	MEL3E1 , MBF3C1	MAP4C1 , MEL4E1
Functions			MCF3M1 , MCR3U1	MHF4U1
Calculus				MCV4U1
Data Management				MDM4U1
Science				
Area of Study	Grade 9	Grade 10	Grade 11	Grade 12
Science	SNC1W1 , SNC1LL	SNC2P1 , SNC2D1 , SNC2LL		SNC4E1 , SNC4M1
Biology			SBI3C1 , SBI3U1	SBI4U1
Physics			SPH3U1	SPH4C1 , SPH4U1
Chemistry			SCH3U1	SCH4U1 , SCH4UP , SCH4C1
Environmental Science			SVN3E1 , SVN3M1	
Astronomy			IDC3O1	
Earth and Space Science				SES4U1

Course Calendar, Grade 10-12

Social Science and the Humanities				
Area of Study	Grade 9	Grade 10	Grade 11	Grade 12
Family Studies	HIF1O1	HIF2O1		
Food and Nutrition	HFN1O1	HFN2O1		
Food and Culture			HFC3E1	
Anthropology, Psychology, Sociology			HSP3U1 , HSP3C1 , HSP3UU , HSP3CU	
Working with Infants and Young Children			HPW3C1	
Personal Life Management				HIP4O1
Human Development				HHG4M1
Equity and Social Justice				HSE4M1
Challenge and Change				HSB4U1
Philosophy			HQB3M1	HQT4U1
Fashion			HNC3C1	HNB4M1
Technological Education				
Area of Study	Grade 9	Grade 10	Grade 11	Grade 12
Technology and the Skilled Trades: <ul style="list-style-type: none"> • Construction, Transportation & Manufacturing • Communication Technology & Computer Engineering Technology 	TAS1O1 , TAS1OF	TAS2O1		
Hairstyling & Aesthetics	TXJ1O1	TXJ2O1	TXJ3E1	TXJ4E1
Communication Technology		TGJ2O1		
New Media and Animation			TGI3M1	
TV, Video and Movie			TGV3M1	TGV4M1
Hospitality	TFJ1O1	TFJ2O1	TFJ3E1 , TFJ3C1	TFJ4E1 , TFJ4C1
Computer		TEJ2O1	TEJ3M1	TEJ4M1
Construction		TCJ2O1	TCJ3E1 , TCJ3C1	TCJ4C1 , TCJ4E1
Manufacturing		TMJ2O1	TMJ3E1 , TMJ3C1	TMJ4E1 , TMJ4C1
Transportation		TTJ2O1	TTJ3C1 , TTJ3O1	TTJ4C1 , TTJ4E1
Woodworking			TWJ3E1	TWJ4E1
Technological Design		TDJ2O1	TDJ3M1	TDJ4M1
Special Packages - students select the BLOCK code during course selection				
Area of Study	Grade 9	Grade 10	Grade 11	Grade 12
GEOSCI - BLOCK2D - 2 credit package <ul style="list-style-type: none"> • Geography of Canada • Science 	CGC1W1 SNC1W1			
Aquatics for Work - BLOCK2P - 2 credit package <ul style="list-style-type: none"> • Co-operative 		DCO3OC	*applicable co-op linking code	*applicable co-op linking code

Course Calendar, Grade 10-12

<p>Education</p> <p><u>Biochemistry - BLOCK2B</u> - 2 credit package</p> <ul style="list-style-type: none"> • Biology • Chemistry <p><u>Global - BLOCK4C</u> - 5 credit package</p> <ul style="list-style-type: none"> • Music • Politics in Action • English • World Religions • World Issues <p><u>High Performance - BLOCK2H</u> - varies</p> <ul style="list-style-type: none"> • Co-operative Education <p><u>Integrated Arts - BLOCK2N</u> - 2 credit package</p> <ul style="list-style-type: none"> • Visual Arts • Leadership <p>Outdoor Leadership - <u>BLOCK2C</u> - 2 credit package</p> <ul style="list-style-type: none"> • Physical Education Leadership • Spatial Technologies <p><u>Yearbook - BLOCK2A</u> - 2 credit package</p> <ul style="list-style-type: none"> • Information and Computer Design • Photography <p><u>Musical Theatre Production - BLOCK2T</u> - 2 credit package (offering during 2025-2026 year)</p> <ul style="list-style-type: none"> • Drama Production • Musical Theatre 				
			AMU3M1 CPC3O1 NBE3U1 HRT3M1	SBI4U1 SCH4U1
	DCO3OJ		*applicable co-op linking code	CGW4U1 *applicable co-op linking code
				AWD4M1 or AVI4M1 IDC4U1
				PLF4M1 CGO4M1
	AWE2O1		AWE3M1	AWE4M1
	AWQ2O1		AWQ3M1	AWQ4M1
	ADD2O1 AMT2O1		ADD3M1 AMT3M1	ADD4M1 AMT4M1



The Arts

Drama

Course Information	Course Description
<p>Code ADA1O1, ADA1OU Name Drama Grade 9 Type Open Prerequisite None Return Home</p>	<p>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.</p>
<p>Code ADA2O1 Name Drama Grade 10 Type Open Prerequisite None Return Home</p>	<p>This course provides opportunities for students to explore dramatic forms, conventions, and techniques. Students will explore a variety of dramatic sources from various cultures and representing a range of genres. Students will use the elements of drama in creating a communication through dramatic works. Students will assume responsibility for decisions made in the creative and collaborative processes and will reflect on their experiences.</p>
<p>Code ADA3M1 Name Drama Grade 11 Type University/College Prerequisite ADA1O or ADA2O Return Home</p>	<p>This course requires students to create and to perform dramatic presentations. Students will analyze, interpret, and perform works of drama 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.</p>
<p>Code ADA4M1 Name Drama Grade 12 Type University/College Prerequisite ADA3M1 Return Home</p>	<p>This course requires students to experiment individually and collaboratively with forms and conventions of both drama and theatre from various cultures and time periods. Students will interpret dramatic literature and other text and media sources while learning about various theories of directing and acting. Students will examine the significance of dramatic arts in various cultures, and will analyze how the knowledge and skills developed in drama are related to their personal skills, social awareness, and goals beyond secondary school.</p>

Music

Please see the [Ministry of Education](#) website for specific curriculum documents. Below are our Innisdale descriptions.

Course Information	Course Description
<p>Code AMI1O1 Name Instrumental Grade 9 Type Open Prerequisite None Return Home</p>	<p>Learn to play an instrument! Whether you are a student who is picking up an instrument for the first time, or a student with previous experience, this class is for you! Students in grade 9 instrumental music will develop performance skills on woodwind, brass or percussion instruments. This course focuses on music performance at a level that strikes a balance between challenge and skill and will provide students with a variety of performance opportunities.</p>
<p>Code AMV1O1 Name Vocal Grade 9 Type Open Prerequisite None Return Home</p>	<p>Vocal music will appeal to students who enjoy singing and want to learn more about it! This course emphasises the performance of music at a level that strikes a balance between challenge and skill and is aimed at developing technique, sensitivity, and imagination. Students will participate in creative activities that teach them to listen with understanding. Students will also be introduced to keyboard and percussion and will be provided with a variety of performance opportunities.</p>
<p>Code AMV2O1 Name Vocal Grade 10 Type Open Prerequisite None Return Home</p>	<p>Students will continue to develop their vocal performance skills as well as other means of performance. Creating skills will be developed with the use of computer technology.</p>
<p>Code AMI2O1 Name Instrumental Grade 10 Type Open</p>	<p>Students will continue their study of a woodwind, brass or percussion instrument with opportunities to create and record using computer technology.</p>

Course Calendar, Grade 10-12

<p>Preparatory Course AMI1O1 Return Home</p>	
<p>Code AMK2O1 Name Keyboard Grade 10 Type Open</p> <p>Prerequisite None Return Home</p>	<p>Students work on individual programs at their own level and pace on the keyboard. Music selections include many popular pieces.</p>
<p>Code AMG2O1 Name Acoustic Guitar Grade 10 Type Open</p> <p>Prerequisite None Return Home</p>	<p>Students will learn basic guitar techniques in this course including melody picking, providing chordal accompaniments and reading notated music.</p>
<p>Code AMG3O1 Name Acoustic Guitar Grade 11 Type Open</p> <p>Prerequisite None Return Home</p>	<p>Students will have an opportunity to develop their guitar performance skills by performing Blues, Jazz and popular music. By the end of the course, students will demonstrate the ability to read tab and staff notation.</p>
<p>Code AMV3O1 Name Vocal Grade 11 Type Open</p> <p>Prerequisite None Return Home</p>	<p>Students will continue to develop their singing skills by performing jazz, popular and Broadway selections with opportunities to record in the studio.</p>
<p>Code AMC3O1 Name Digital Music Production Grade 11 Type Open</p> <p>Prerequisite None Return Home</p>	<p>Students will focus on digital music production using desktop production tools. This project-based course provides a creative environment in which students can collaborate with others and develop their own creative music skills. Topics include music composition, songwriting, recording techniques, sampling, beat-making, loops, editing, mixing, and mastering. A history of recorded music will be explored leading up to analysis and deconstruction of recordings from today's top artists. Creative projects will be inclusive to diverse styles and genres such as pop, rock, singer/songwriter, hip-hop, video game soundtrack, film score, and more!</p>
<p>Code AMV3M1 Name Vocal Grade 11 Type College/University</p> <p>Prerequisite Grade 9 or 10 Music Return Home</p>	<p>Students will perform in solo and small ensemble settings. Technical and theory skills will also be developed for the serious vocal performer.</p>
<p>Code AMI3M1 Name Instrumental Grade 11 Type College/University</p> <p>Prerequisite Grade 9 or 10 Music Return Home</p>	<p>Students will continue their study on a brass, woodwind or percussion instrument while performing a variety of music. Performance settings include large group, small ensemble and solo work.</p>
<p>Code AMV4M1 Name Vocal Grade 12 Type College/University</p> <p>Prerequisite Grade 11 U/C Music Return Home</p>	<p>Students will concentrate on developing their vocal performances in solo and small ensemble work through a repertoire spanning many genres of music.</p>
<p>Code AMI4M1 Name Instrumental Grade 12 Type College/University</p>	<p>Students will concentrate on developing their performance skills on a woodwind, brass or percussion instrument. Opportunities to conduct and learn a second instrument will broaden the students' knowledge of the orchestra.</p>

Course Calendar, Grade 10-12

Prerequisite Grade 11 U/C Music Return Home	
Code AMC4M1 Name Digital Music Production Grade 12 Type College/University Prerequisite AMC3O1 recommended Return Home	Students will continue to develop skills related to digital music production using desktop production tools. This project-based course provides a creative environment in which students can collaborate with others and develop their own creative music skills. Students' production skills will be developed through creation, performance and recording of music using technology and/or traditional instruments. Independently, and collaboratively, students will use current technology as well as the creative & critical analysis processes to plan, produce, present, and market digital music. Students will respond to, reflect on, and analyze music from various genres and periods; they will develop skills transferable to other aspects of their life and careers in the music industry.
Digital Media	
Course Information	Course Description
Code AWS1O1 Name Media Arts Grade 9 Type Open Prerequisite None Return Home	Digital Art has been around since the arrival of computers and digital media. This class is exploratory in nature, offering a large overview of computer digital arts. You will explore the elements and principles of design, use a range of media, and experiment with industry-leading technology. You will use the Creative Cloud applications, Photoshop, and Illustrator, allowing you to create almost anything that you can imagine! Come join this creative workspace, where the artist in you can think creatively and explore your imagination.
Code ASM2O1 Name Media Arts Grade 10 Type Open Prerequisite None Return Home	This is an introductory, open level course to design and creativity. In this class, you will learn how to use Adobe Photoshop and Illustrator to create a variety of two-dimensional images, digital illustration, and build your own functioning camera. You will also learn about design principles, colour theory, and explore a wide range of new digital tools. You will have the opportunity to create your own illustrations, while also learning how to understand the fundamentals of composition and layout. Come explore the many creative possibilities of Digital Media Arts.
Code ASM3M1 Name Media Arts Grade 11 Type University/College Prerequisite ASM2O1 Return Home	This is an intermediate level course in design and creativity. This class focuses on the development of Media Arts' skills through the production of art works involving traditional and emerging technologies, tools, and techniques. Students will have the option to focus their learning on conceptual art design (through a 2-dimensional aspect) for the video game industry and/or creating high-quality graphics through a career focus. Digital Media teaches you the essentials of Photoshop, Illustrator, and Graphic Design, so you can create professional quality logos, typography, advertisements, and other graphics.
Code ASM4M1 Name Media Arts Grade 12 Type University/College Prerequisite ASM3M1 Return Home	This is the senior level course developed for emerging digital artists and animators. This class emphasises the refinement of Media Arts' skills through the creation of a thematic body of work using industry-standard software, tools, and techniques. You will develop works that express your views on contemporary issues and will create a portfolio suitable for use in either career or post-secondary education applications. Improve and enhance your skills in digital arts and create high-quality graphics through a career focus.
Visual Arts	
Course Information	Course Description
Code AVI1O1, AVI1OU Name Visual Arts Grade 9 Type Open Prerequisite None Return Home	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.
Code AVI2O1 Name Visual Arts Grade 10 Type Open Prerequisite None Return Home	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.
Code AVI3M1 Name Visual Arts Grade 11	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

Course Calendar, Grade 10-12

<p>Type University/College</p> <p>Prerequisite Visual Arts, Grade 9 or 10 Return Home</p>	<p>collage, multimedia works, and works using emergent technologies. Students will use the critical analysis process when evaluating their own work and the work of others. The course may be delivered as a comprehensive program or through a program focused on a particular art form (e.g. photography, video, computer graphics, and information design).</p>
<p>Code AVI3O1 Name Visual Arts Grade 11 Type Open</p> <p>Prerequisite None Return Home</p>	<p>This course focuses on studio activities in the visual arts, such as drawing, painting, sculpture, photography, printmaking, collage, and/or multimedia art. Students will use the creative process to create artworks 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.</p>
<p>Code AVI4M1 Name Visual Arts Grade 12 Type University/College</p> <p>Prerequisite AVI3M Return Home</p>	<p>This course focuses on enabling students to refine their use of the creative process when creating and presenting two and three-dimensional art works using a variety of traditional and emerging media and technologies. Students will use the critical analysis process to deconstruct art works and to explore connections between art and society. The studio program enables students to explore a range of materials, processes and techniques that can be applied in their own art production. Students will also make connections between various works of art in personal, contemporary, historical and cultural contexts.</p>
<p>Code AWR3O1 Name Film Studies Grade 11 Type Open</p> <p>Prerequisite None Return Home</p>	<p>This course explores the history and genre of films by giving students the opportunity to examine various techniques used by past and present filmmakers. Students will develop an appreciation of cinema through the study of a wide range of film genres including: Action/Adventure, Animation, Comedy, Crime/Gangster, Drama, Film-Noir, Horror, Musical, Romance, Sci-Fi/Thriller, War, and Western. Students will evaluate films using the critical analysis process; critically analyze cinematic art forms; use theories of filmmaking; and develop an increasing understanding of cinematic history.</p>
<p>Code AWR4M1 Name Film Studies Grade 12 Type University/College</p> <p>Prerequisite None Return Home</p>	<p>This course will further develop knowledge and skills that enable students to communicate ideas, feelings, and beliefs through the artistic medium of film and video. The overall theme of the course is Vision. Through the critical analysis process, students will appreciate the vision of important Canadian and international directors, filmmakers and artists. Through the creative process students will be encouraged to discover their own unique vision as an artist. With practice in creative and innovative problem solving, students will prepare themselves to meet the challenges of an ever increasingly complex technological society.</p>
<p>Code AEA4O1 Name Visual Arts Grade 12 Type University/College</p> <p>Prerequisite None Return Home</p>	<p>This course focuses on enabling students to refine their use of the creative process when creating and presenting two and three dimensional artworks using a variety of traditional and/or artisanal/craft based media and technologies. Students will learn to look critically at artworks and explore connections between art and society. Students will explore how the skills associated with the creation and analysis of visual artworks can be transferred to jobs outside the visual arts field and investigate a variety of work opportunities related to the field of visual arts.</p>
Dance	
Course Information	Course Description
<p>Code ATC1O1 Name Dance Grade 9 Type Open</p> <p>Prerequisite None Return Home</p>	<p>This course gives students the opportunity to explore their technical and compositional skills by applying the elements of dance and the tools of composition in a variety of performance situations. Students will generate movement through structured and unstructured improvisation, demonstrate an understanding of safe practices with regard to themselves and others in the dance environment, and identify the function and significance of dance within the global community. Note: Dancewear is required and may be provided on loan or may be purchased by the student.</p>
<p>Code ATC2O1 Name Dance Grade 10 Type Open</p> <p>Prerequisite None Return Home</p>	<p>This course emphasises the development of students' technique and creative skills relating to the elements of dance and the tools of composition in a variety of performance situations. Students will identify responsible personal and interpersonal practices related to dance processes and production, and will apply technologies and techniques throughout the process of creation to develop artistic scope in the dance arts. Note: Dancewear is required and may be provided on loan or may be purchased by the student.</p>
<p>Code ATC3M1 Name Visual Arts Grade 11 Type University/College</p>	<p>This course emphasises the development of students' artistry, improvisational and compositional skills, and technical proficiency in global dance genres. Students will apply dance elements, techniques, and tools in a variety of ways, including performance situations; describe and model responsible practices related to the dance environment; and reflect on how the study of dance affects personal and artistic development. Note: Dancewear is required and may be provided on loan or may be purchased by the student.</p>

Course Calendar, Grade 10-12

Prerequisite Grade 9 or 10 Dance Return Home	
Code ATC4M1 Name Dance Grade 12 Type University/College Prerequisite ATC3M1 Return Home	This course emphasises the development of students' technical proficiency, fluency in the language of movement in global dance genres, and understanding of the dance sciences. Students will explain the social, cultural, and historical contexts of dance; apply the creative process through the art of dance in a variety of ways; and exhibit an understanding of the purpose and possibilities of continuing engagement in the arts as a lifelong learner. Note: Dancewear is required and may be provided on loan or may be purchased by the student.
Arts - Special Packages	
Course Information	Course Description
Code BLOCK2A Name Yearbook Grade 10-12 Type Open/University/College 2 credit package Return Home	Students can take yearbook in grade 10, 11 AND 12. Student grade and previous experience will help determine the grade of the credit being earned. This 2-credit package will teach the skills of journalism, photography both traditional and digital, layout and design, business operations and computer literacy and multimedia software applications. The two credits a student will earn are: AWE2/3/4: Visual Arts – Information / Consumer Design AWQ2/3/4: Visual Arts – Photography
Code BLOCK2N Name Integrated Art Grade 10-12 Type University/College 2 credit package Return Home	The Integrated Visual Arts and Leadership Program is a two-credit package, offering one credit in Visual Arts and one credit in Leadership with an Arts and Culture Focus. Learners in this enriched arts environment will have unlimited opportunities to explore, create, and analyze through independent direction, integrated learning, career shadowing, demonstrations, community service, and a final showcase/themed installation in their chosen medium. Students interested in this program must complete an application and participate in an interview. Please feel free to contact us at Innisdale Secondary School Visual Arts if you have further questions regarding the application process or aspects of the program. The two credits students will earn are: AWD4M1 – Visual Design (College/University) OR AVI4M1 – Visual Arts (College/University) IDC4U1 – Leadership (University)
Code BLOCK2T Name Musical Theatre Grade 10-12 Type University/College 2 credit package (offering during 2025-2026 year) Return Home	This framework provides students in grade 10, 11, and 12 the opportunity to earn a two-credit package in music theatre production. Students will earn both a Drama Production credit and a Music Theatre credit at their appropriate grade level as they work to create a musical production. Students will take a holistic approach to the study of music theatre, learning voice production, movement and acting. In addition, each student will participate in a production role – set design, scenic painting, prop design, costuming and staging. This course culminates with a final performance in a professional theatre. The two credits students will earn are: AMT2O/3M/4M – Musical Theatre ADD2O/3M/4M – Drama Production

Business

Business	
Course Information	Course Description
Code BEM1O1 Name Building the Entrepreneurial Mindset Grade 9 Type Open Prerequisite None Return Home	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.
Code BEP2O1 Name Launching and Leading a Business Grade 10 Type Open Prerequisite None Return Home	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.
Code BAF3M1 Name Financial Accounting and Fundamentals Grade 11	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, computerised accounting, financial

Course Calendar, Grade 10-12

Type University/College Prerequisite None Return Home	analysis, and current issues and ethics in accounting.
Code BDI3C1 Name Accounting Grade 11 Type College Prerequisite None Return Home	This course focuses on ways in which entrepreneurs recognize opportunities, generate ideas, and organise 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.
Code BAT4M1 Name Accounting Grade 12 Type University/College Prerequisite BAF3M1 Return Home	This course emphasises the study of accounting principles related to financial statements. Students will learn about ways in which information in these statements is used in making business decisions, and about the effects on financial statements of using different methods in inventory valuation and adjusting and reversing entries. Students will also study various means of financing a business and ways in which the strength of a corporation can be determined through the reading of its annual report.
Code BMI3C1 Name Marketing Grade 11 Type College Prerequisite None Return Home	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.
Code BOH4M1 Name Accounting Grade 12 Type University/College Prerequisite NBE3C1 or NBE3U1 Return Home	This is a non-math course for students wanting to develop leadership, management and people skills. This course focuses on the development of leadership skills used in managing a successful business. Students will analyze the role of a leader in business with a focus on decision-making, management of group dynamics, workplace stress and conflict, motivation of employees, and planning. Effective business communication skills, ethics, and social responsibility will be emphasised throughout the course.
Code IDC4O1 Name Personal Money Management Grade 12 Type Open Prerequisite None Return Home	This course introduces students to the world of money. Students will develop skills in managing personal income effectively, such as skills in budgeting, planning, saving, and investing. This course also analyzes the role and importance of personal credit. Students will gain valuable knowledge about money and develop skills they will need in their everyday lives.

Canadian and World Studies

Certificates: Canadian & World Studies Bronze, Gold, Silver, and Platinum To recognize student achievement in Canadian & World Studies courses, the department will be awarding Bronze, Silver, Gold, and Platinum certificates at the end of grade 12. These certificates of achievement can enhance a student's university or college supplemental application (if and lend significant value to a resume. In order to qualify for a certificate, students must achieve at least the provincial standard (75%) in all of the Canadian & World Studies courses taken. These courses can include a combination of the following subjects: History, Geography, Law, and Politics. In order to qualify for a particular certificate, students must take the following number of courses: Bronze – 4 courses, Silver – 5 courses, Gold – 6 courses, Platinum – 7 or more courses. *note - the compulsory grade 10 Civics and Careers (half credits) is found in the Guidance and Career Education section	
History	
Course Information	Course Description
Code CHC2LL Name Canadian History Grade 10 Type Locally Developed Prerequisite None Return Home	This course focuses on the connections between the student and key people, events and themes in Canadian contemporary studies. Students prepare for grade 11 Canadian and World Studies Workplace preparation courses through the development and extension of historical literacy skills and critical thinking skills. 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 have the opportunity to extend analytical skills with a focus on identifying and interpreting events and perspectives and making connections. Students practise reading, writing, visual, and oral literacy skills to identify and communicate ideas in a variety of media.
Code CHC2P1, CHC2PU Name Canadian History	This course focuses on the social context of historical developments and events and how they have affected the lives of people in Canada since 1914. Students will explore interactions

Course Calendar, Grade 10-12

Grade 10 Type Applied Prerequisite None Return Home	<p>between various communities in Canada as well as contributions of individuals and groups to Canadian heritage and identity. Students 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.</p>
Code CHC2D1, CHC2DU Name Canadian History Grade 10 Type Academic Prerequisite None Return Home	<p>This course explores social, economic, and political developments and events and their impact on the lives of different groups 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, organisations, and events on Canadian identity, citizenship, and heritage. 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.</p>
Code CHW3M1 Name World History Grade 11 Type College/University Prerequisite Grade 10 English (applied or academic) Return Home	<p>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.</p>
Code CHY4C1 Name World History Grade 12 Type College Prerequisite NBE3C1 Return Home	<p>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.</p>
Code CHY4U1/CHY4UP* Name World History Grade 12 Type University/Advanced Placement Prerequisite Grade 11 English (college or university) Return Home	<p>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.</p>
Geography	
Course Information	Course Description
Code CGC1W1, CGC1WU Name Canadian Geography Grade 9 Type Destreamed Prerequisite None Return Home	<p>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.</p>
Code CGG3O1 Name Travel and Tourism Grade 11 Type Open Prerequisite None Return Home	<p>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.</p>
Code CGR4E1 Name Living in a Sustainable World Grade 12 Type Workplace Prerequisite None Return Home	<p>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.</p>
Code CGW4U1	<p>In this course, students will address the challenge of creating a more sustainable and equitable</p>

Course Calendar, Grade 10-12

<p>Name World Issues Grade 12 Type University</p> <p>Prerequisite Grade 11 English (college or university) Return Home</p>	<p>world. They will explore issues involving a wide range of topics, including economic disparities, threats to the environment, globalisation, 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. Students have an opportunity to engage in experiential learning, travelling to New York City and visiting sites such as the United Nations Headquarters and the National September 11 Memorial and Museum. This course utilises cutting edge technology such as virtual reality and internet based gaming to investigate complex world issues.</p> <p>Note: Students that earned this course as part of the Global Perspectives package cannot select this course individually.</p>
Politics	
Course Information	Course Description
<p>Code CPW4U1 Name Politics Grade 12 Type University</p> <p>Prerequisite Grade 11 English (college or university) Return Home</p>	<p>This course explores various perspectives on issues in Canadian and world politics. Students will explore political decision making and ways in which individuals, stakeholder groups, and various institutions, including governments, multinational corporations, and non-governmental organisations, respond to and work to address domestic and international issues. Students will apply the concepts of political thinking and the political inquiry process to investigate issues, events, and developments of national and international political importance, and to develop and communicate informed opinions about them.</p>
Law	
Course Information	Course Description
<p>Code CLU3E1 Name Law in Canada Grade 11 Type Workplace</p> <p>Prerequisite Grade 10 history Return Home</p>	<p>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 inquiry process when investigating legal issues that are relevant to life in Canada today.</p>
<p>Code CLU3M1 Name Law Grade 11 Type College/University</p> <p>Prerequisite Grade 10 history (applied or academic) Return Home</p>	<p>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. Students will gain an understanding of the role of our governments in creating laws; the trial process; and law-related careers through field trips, research, and interaction with a variety of guest speakers.</p>
<p>Code CLN4U1 Name Law Grade 12 Type University</p> <p>Prerequisite Grade 11 English (college or university) Return Home</p>	<p>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.</p>
Civics and Careers	
Course Information	Course Description
<p>Code CIV2CA, CIV2CU Name Civics and Careers Grade 10 Type Open</p> <p>Prerequisite None</p> <p>CHV2OH/CHV2OU half credit GLC2OH/GLC2OU half credit Return Home</p>	<p>CHV2OH: 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.</p> <p>GLC2OH: 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.</p>

Course Calendar, Grade 10-12

	<p>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.</p>
Canadian and World Studies - Special Packages	
Course Information	Course Description
<p>Code BLOCK4C Name Global Perspectives Grade 11 Type University/College Prerequisite ENG2D1</p> <p>5 credit package Return Home</p>	<p>Global Perspectives is a fully integrated, five-credit program that focuses on international studies. This unique learning experience will be offered in the second semester only and represents the student's entire course load for that semester. Through a partnership with the City of Barrie's Youth Ambassador Program, students accompanied by two of their teachers, will travel to Europe for a one-month intensive study of international affairs in an international environment. Additionally, students will explore a third world opportunity by studying in a Latin American/Caribbean country for two weeks. There is a cost associated with this program (airfare) but those students in financial need can expect assistance from community/corporate sponsors. This is a limited enrolment program and students selecting this option will be required to submit an application and participate in a selection process. This package includes four grade eleven courses (including grade 11 university English) and one Grade 12 course.</p> <p>NBE3U1: English: Understanding Contemporary First Nations, Métis, And Inuit Voices (see description under English)</p> <p>CGW4U1: Canadian and World Issues. (See description under Canadian and World Issues)</p> <p>AMU3M1: Music, Grade 11, University/College This course provides students with opportunities to develop their musical literacy through the creation, appreciation, analysis, and performance of music, including traditional, commercial and art music. Students will apply the creative process when performing appropriate technical exercises and repertoire and will employ the critical analysis processes when reflecting on, responding to, and analysing live and recorded performances. Students will consider the function of music in society and the impact of music on individuals and communities. They will explore how to apply skills developed in music to their life and careers.</p> <p>CPC3O1: Politics in Action: Making Change, Grade 11, Open This course enables students to develop plans for change in the local, national, and/or global community. Students will explore various issues, investigating their causes as well as their impact, and determining where change is needed, and why. They will examine the effectiveness of various problem-solving strategies used by individuals and groups that have brought about and/or are attempting to bring about political change in democratic societies. In addition, students will analyze the role and perspectives of governments and other stakeholders in relation to issues of political importance and will consider factors affecting their own and others' political engagement. Students will apply the concepts of political thinking and the political inquiry process as they investigate various issues of political importance and develop a plan of action to address a selected issue.</p> <p>HRT3M1: World Religions and Belief Traditions, Grade 11, University/College This course provides students with opportunities to explore various world religions and belief traditions. Students will develop knowledge of the terms and concepts relevant to this area of study, will examine the ways in which religions and belief traditions meet various human needs, and will learn about the relationship between belief and action. They will examine sacred writings and teachings, consider how concepts of time and place influence different religions and belief traditions, and develop research and inquiry skills related to the study of human expressions of belief.</p> <p>Students choosing GLOBAL (Block4C) are NOT to select any of these courses separately for grade eleven.</p> <p>For more information read through the Global Perspectives Brochure on our Innisdale website and then complete and hand in the Global Application Form linked there as well. Mr. Toole: jetoole@scdsb.on.ca</p>
<p>Code BLOCK2D Name GeoSci Grade 9 Type Destreamed</p>	<p>The GEOSCI program appeals to students that want to extend and expand their learning to make connections beyond normal classroom curricula. This enriching program offers students a unique opportunity to integrate Geography and Science into a two-credit, double period class in order to take advantage of the inherent connections between the two courses. Starting with the beginning of the Universe and ending with present day Earth, students will be taken on an interesting time journey. Students will focus on our planet's physical environment while</p>

Course Calendar, Grade 10-12

<p>Prerequisite None</p> <p>2 credit package Return Home</p>	<p>examining the interrelationships between humans and the Earth (how we affect the environment and how the environment affects us) with focus on the spatial importance (the “where and why”). Students will deepen their understanding by studying the science behind these connections by using the scientific method. Students will conduct investigations through hands-on activities and experiments, which will help develop an understanding of the natural phenomena, as well as apply the concepts of geographic thinking and spatial skills by using technology such as Geographic Information Systems. Learning will be enhanced through experiential education opportunities by going on field excursions to Lackie's Forest, the Science Centre, Downtown Toronto, the ROM and the University of Waterloo.</p> <p>CGC1W1: Geography of Canada (See description under Canadian and World Studies)</p> <p>SNC1W1: Science (See description under Science)</p>
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Computer Science

Computer Science	
<p>Code ICD2O1 Name Digital Technology Grade 10 Type Open</p> <p>Prerequisite None Return Home</p>	<p>This course helps students develop cutting-edge digital technology and computer programming skills that will support them in contributing to and leading the global economic, scientific and societal innovations of tomorrow. Students will learn and apply coding concepts and skills to build hands-on projects and investigate artificial intelligence, cybersecurity, and other emerging digital technologies that connect to a wide range of fields and careers. Using critical thinking skills with a focus on digital citizenship, students will investigate the appropriate use and development of the digital technologies that they encounter every day, as well as the benefits and limitations of these technologies.</p>
<p>Code ICS3C1 Name Computer Programming Grade 11 Type College</p> <p>Prerequisite None Return Home</p>	<p>This course introduces students to computer programming concepts and practices. Students will write and test computer programs, using various problem-solving strategies. They will learn the fundamentals of program design and apply a software development life-cycle model to a software development project. Students will also learn about computer environments and systems, and explore environmental issues related to computers, safe computing practices, emerging technologies, and postsecondary opportunities in computer-related fields. The primary focus of this course is to develop web-based applications using languages such as HTML, CSS and JavaScript.</p>
<p>Code ICS3U1 Name Computer Science Grade 11 Type University</p> <p>Prerequisite None Return Home</p>	<p>This course introduces students to computer science. Students will design software independently and as part of a team, using industry-standard programming tools and applying the software development life-cycle model. They will also write and use subprograms within computer programs. Students will develop creative solutions for various types of problems as their understanding of the computing environment grows. They will also explore environmental and ergonomic issues, emerging research in computer science, and global career trends in computer-related fields.</p>
<p>Code ICS4U1 Name Computer Science Grade 12 Type University</p> <p>Prerequisite ICS3U1 Return Home</p>	<p>This course enables students to further develop knowledge and skills in computer science. Students will use modular design principles to create complex and fully documented programs, according to industry standards. Student teams will manage a large software development project, from planning through to project review. Students will also analyze algorithms for effectiveness. They will investigate ethical issues in computing and further explore environmental issues, emerging technologies, areas of research in computer science, and careers in the field.</p>

Cooperative Education

Co-operative Education	
Course Information	Course Description
<p>Code GLN4O2 (2 Credit) GLN4O4 (4 Credit) Name Creating Opportunities through Coop Grade 11 and 12 Type Open</p> <p>Prerequisite None Return Home</p>	<p>Cooperative Education (Co-op) provides students opportunities to earn high school credits while working in a community placement. Students will develop essential skills and work habits that will support them in their learning at school and afterwards. Students pursuing postsecondary pathways in apprenticeship, college, military, university, and directly to the workplace would benefit from the experience of co-op to confirm their career interests. The program is delivered in two (2) credit (morning or afternoon) or full day four (4) credit work placements based on the work and learning interests of students.</p> <p>Please note: Some placements require a supplemental application including Royal Victoria Regional Health Centre, the 32 Canadian Military Brigade Group, and Rogers Communication. See Co-op if you are interested in pursuing one of these placements.</p> <p>Students who are interested in the skilled trades and who demonstrate excellent employability skills that add value to their employer could start an apprenticeship while in their co-op course through the Ontario Youth Apprenticeship Program (OYAP).</p>

Course Calendar, Grade 10-12

Co-operative Education - Special Packages	
Course Information	Course Description
<p>Code BLOCK2H Name High Performance Athlete Grade 9 to 11 Type Open</p> <p>Prerequisite None</p> <p>Possible 1 credit per semester, based on admission criteria Return Home</p>	<p>The High Performance Athlete program is tailored to meet the learning needs of students who are committed to focusing on their long-term career objectives while accommodating competitive training needs. This specialized program is designed for students who are training and competing with a provincial, national and/or international team. Customised programming may include elearning, personalised timetable and/or coop. In HPA coop, students apply and demonstrate the knowledge and skills acquired in the classroom to their training/competition setting. Criteria for acceptance into HPA coop is based upon the number of hours committed to training, the level of competition, the training season and the learning needs of the student. Students will need to submit a High Performance Athlete Application form, a Coach Referral Form, a credit counselling summary and have a pre placement interview prior to acceptance into the program.</p>
<p>Code BLOCK2P Name Aquatics for Work Grade 10 to 12 Type Open</p> <p>Prerequisite None</p> <p>2 credit package Return Home</p>	<p>Aquatics for Work is a two credit package which prepares, trains and certifies students for work in the aquatics industry. This unique learning experience is offered second semester in partnership with the City of Barrie Parks and Recreation Department. Students will be eligible to earn two high school credits, certification in Bronze Medallion, Bronze Cross, CPR, First Aid and National Lifeguard Service (NLS), as well as on the job training work experience. There is a cost of approximately \$550 associated with this program due to the cost of certifications and facilities. This is a limited enrolment program and students selecting this option should be able to swim sufficiently well in order to work towards their NLS certification. Students MUST be at least 15 on or before the last day of classes of the semester they are enrolled in the course.</p>

English

English	
Course Information	Course Description
<p>Code ENL1W1 Name English Grade 9 Type Destreamed</p> <p>Prerequisite None Return Home</p>	<p>This course enables students to continue to develop and consolidate the foundational knowledge and skills that they need for reading, writing, and oral and visual communication. Throughout the course, students will continue to enhance their media literacy and critical literacy skills, and to develop and apply transferable skills, including digital literacy. Students will also make connections to their lived experiences and to society and increase their understanding of the importance of language and literacy across the curriculum.</p>
<p>Code ENG1LL Name English Grade 9 Type Locally Developed</p> <p>Prerequisite None Return Home</p>	<p>This course emphasises the key reading, writing, oral communication and thinking skills students need for success in secondary school and in their daily lives. In particular, the program works towards preparing students to enter the Grade 11 Workplace Preparation course in English, and to complete the Grade 10 Test of Reading and Writing Skills successfully. Students read a variety of narrative and expository forms, poetry and drama and practise the skills necessary for clear and accurate spoken and written language. In particular, course activities will help develop confidence and self-esteem and provide motivation to succeed in school and life.</p>
<p>Code ENG2D1 Name English Grade 10 Type Academic</p> <p>Prerequisite ENL1W1 Return Home</p>	<p>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.</p>
<p>Code ENG2P1 Name English Grade 10 Type Applied</p> <p>Prerequisite ENL1W1 Return Home</p>	<p>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.</p>
<p>Code ENG2L1 Name English Grade 10 Type Locally Developed</p> <p>Prerequisite None</p>	<p>In this course, students focus on extending their literacy and communication skills to prepare for success in their daily lives, in the workplace, in the English Grade 11 Workplace Preparation course. The course is organised by strands that extend listening and talking skills, reading and viewing skills, and writing skills. In all strands, the focus is on refining foundational literacy skills and in using language clearly and accurately in a variety of authentic contexts. Students build on their strategies and engage in the processes involved in talking, listening,</p>

Course Calendar, Grade 10-12

Return Home	<p>reading, viewing, writing, and thinking, and reflect regularly upon their growth in these areas.</p>
<p>Code NBE3U1 Name English: Understanding Contemporary First Nations, Métis and Inuit Voices Grade 11 Type University Prerequisite ENG2D1 Return Home</p>	<p>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 analyze 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.</p>
<p>Code NBE3C1 Name English: Understanding Contemporary First Nations, Métis and Inuit Voices Grade 11 Type College Prerequisite ENG2D1 or ENG2P1 Return Home</p>	<p>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.</p>
<p>Code NBE3E1 Name English: Understanding Contemporary First Nations, Métis and Inuit Voices Grade 11 Type Workplace Prerequisite ENG2LL or ENG2P1 Return Home</p>	<p>This course explores themes, forms, and stylistic elements of literary, informational, graphic, oral, cultural, and media texts emerging from First Nations, Métis, and Inuit cultures in Canada, as well as some texts that relate to those cultures. In order to better understand contemporary texts, students will explore connections between traditional and contemporary text forms and cultural and community aspects of identity, relationships, and self-determination, sovereignty, or self-governance. The course is intended to prepare students for the compulsory Grade 12 workplace preparation course.</p>
<p>Code ENG4E1 Name English Grade 12 Type Workplace Prerequisite NBE3E1 Return Home</p>	<p>This course emphasises the consolidation of literacy, communication, and critical and creative 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 organising ideas and information coherently. The course is intended to prepare students for the workplace and active citizenship.</p>
<p>Code ENG4C1 Name English Grade 12 Type College Prerequisite NBE3C1 Return Home</p>	<p>This course emphasises the consolidation of literacy, communication, and critical and creative thinking skills necessary for success in academic and daily life. Students will analyze 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.</p>
<p>Code ENG4U1 Name English Grade 12 Type University Prerequisite NBE3U1 Return Home</p>	<p>This course emphasises the consolidation of the literacy, communication, and critical and creative thinking skills necessary for success in academic and daily life. Students will analyze a range of challenging literary texts from various periods, countries, and cultures; interpret and evaluate informational and graphic texts; and create oral, written, and media texts in a variety of forms. An important focus will be on using academic language coherently and confidently, selecting the reading strategies best suited to particular texts and particular purposes for reading, and developing greater control in writing. The course is intended to prepare students for university, college, or the workplace.</p>
Optional Courses	
Course Information	Course Description
<p>Code EWC4U1 Name The Writer's Craft Grade 12 Type University Prerequisite NBE3U Return Home</p>	<p>This course emphasises knowledge and skills related to the craft of writing. Students will analyze 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.</p>

Course Calendar, Grade 10-12

<p>Code EWC4C1 Name The Writer's Craft Grade 12 Type College</p> <p>Prerequisite NBE3C Return Home</p>	<p>This course emphasises knowledge and skills related to the craft of writing. Students will investigate models of effective writing; use a workshop approach to write a variety of works; and make considered decisions for improving the quality of their writing. They will also complete a creative or analytical independent study project and investigate opportunities for publication and for writing careers.</p>
Ontario Literacy Course	
<p>Code OLC4O1 Name English Grade 12 Type Open</p> <p>Prerequisite None Return Home</p>	<p>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. The student has been eligible to write the OSSLT and has been unsuccessful at least once.</p>
English as a Second Language	
<p>Code ESLAO1* Name English Second Language Grade 9 to 12 Type Open</p> <p>Prerequisite None Return Home</p>	<p>This course builds on your previous education and language knowledge to introduce you to the English language and help you adjust to the diversity in your new environment. You will use beginning English language skills in listening, speaking, reading, and writing for everyday and essential academic purposes. During class, you will engage in short conversations using basic English language structures and simple sentence patterns; read short adapted texts; and write phrases and short sentences. The course also provides you with the knowledge and skills needed to begin to adapt to your new life in Canada.</p> <p>All students whose First Language is not English and who have had a recent "Steps to English Language Proficiency" (STEP) Assessment and whose overall results were between 1 - 3 should select this course.</p>
<p>* Although students will select this code during the course selection process, students will be assigned to the appropriate level of ESL instruction during the timetabling process (e.g., a student who has already taken ESLAO1 would be timetabled in ESLBO1).</p>	

Languages

French as a Second Language	
<p>Code FSF1O1 Name Core French Grade 9 Type Open</p> <p>Prerequisite Consultation with SERT, classroom teacher and parent/guardian. Return Home</p>	<p>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.</p>
<p>Code FSF1D1 Name Core French Grade 9 Type Destreamed</p> <p>Prerequisite None Return Home</p>	<p>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.</p>
<p>Code FSF2D1 Name Core French Grade 10 Type Academic</p> <p>Prerequisite FSF1D1 Return Home</p>	<p>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.</p>
<p>Code FSF2P1 Name Core French</p>	<p>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</p>

Course Calendar, Grade 10-12

<p>Grade 10 Type Applied</p> <p>Prerequisite FSF1D1 Return Home</p>	<p>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.</p>
<p>Code FSF3O1 Name Core French Grade 11 Type Open</p> <p>Prerequisite Any grade10 core French Return Home</p>	<p>This course provides opportunities for students to speak and interact in French in real-life situations. Students will develop their ability to communicate, making connections to previous experiences and using newly acquired skills in listening, speaking, reading, and writing. They will also increase their understanding and appreciation of diverse French-speaking communities, and will develop skills necessary for lifelong language learning.</p>
<p>Code FSF3U1 Name Core French Grade 11 Type University</p> <p>Prerequisite FSF2D1 Return Home</p>	<p>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.</p>
<p>Code FSF4O1 Name Core French Grade 12 Type University</p> <p>Prerequisite Any grade 11 core French Return Home</p>	<p>This course provides a variety of opportunities for students to speak and interact in French. Students will develop their listening, speaking, reading, and writing skills, use language-learning strategies in a variety of real-life situations and personally relevant contexts, and develop their creative and critical thinking skills through responding to and interacting with 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.</p>
<p>Code FSF4U1, FSF4UP Name Core French Grade 12 Type University</p> <p>Prerequisite FSF3U Return Home</p>	<p>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.</p>
French Immersion	
<p>French Immersion is designed for those students who have successfully completed the elementary school French Immersion Program offered in Simcoe County. It is expected that any student who registers in the Grade 9 program will continue to the end of the program year as long as a satisfactory academic standing is maintained. During this time, the student will accumulate the necessary ten credits in order to receive the French Immersion Certificate issued through the Simcoe County Board of Education.</p> <p>Note: French Immersion course descriptions - outside of the core immersion French courses listed below - are noted along with their English language counterparts (i.e. CGC1W - English, and CGC1WU - French Immersion). Please refer to the French Immersion certificate chart under Graduation Requirements for more information regarding program completion requirements.</p>	
Course Information	Course Description
<p>Code FIF1DU Name Immersion Française Grade 9 Type Destreamed</p> <p>Prerequisite None Return Home</p>	<p>This course provides opportunities for students to speak and interact in French independently in a variety of real-life and personally relevant contexts. Students will develop their skills in listening, speaking, reading, and writing, as well their ability to communicate in French with confidence, by using language learning strategies introduced in the elementary French Immersion program. Students will enhance their knowledge of the French language through the study of French Canadian literature. They will also increase their understanding and appreciation of diverse French-speaking communities, and will develop skills necessary for lifelong language learning.</p>
<p>Code FIF2DU Name Immersion Française Grade 10 Type Destreamed</p> <p>Prerequisite FIF1DU Return Home</p>	<p>This course provides students with extensive opportunities to communicate, interact, and think critically and creatively in French. Students will use a variety of language learning strategies in listening, speaking, reading, and writing, and will respond to and interact with print, oral, visual, and electronic texts. Students will develop their knowledge of the French language through the study of contemporary French literature and historically well-known French European literature. They will also increase their understanding and appreciation of diverse French-speaking communities, and will develop skills necessary for lifelong language learning.</p>
<p>Code FIF2PU Name Immersion Française Grade 10 Type Academic</p> <p>Prerequisite FSF1DU</p>	<p>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</p>

Course Calendar, Grade 10-12

Return Home	communication. They will also increase their understanding and appreciation of diverse French-speaking communities, and will develop skills necessary for lifelong language learning.
Code FIF3OU Name Immersion Française Grade 11 Type Applied Prerequisite FIF2PU Return Home	This course provides opportunities for students to speak and interact in French in real-life situations for practical purposes. Students will develop their skills in listening, speaking, reading, and writing, and will explore and create a variety of texts, with a particular focus on using skills related to the study of French that can be applied in the workplace and beyond. Students will also deepen their understanding and appreciation of diverse French-speaking communities, and will develop skills necessary for lifelong language learning.
Code FIF3UU Name Immersion Française Grade 11 Type Open Prerequisite FIF2DU Return Home	This course provides opportunities for students to consolidate the communication skills required to speak and interact with increasing confidence and accuracy in French in a variety of academic and social contexts. Students will use their skills in listening, speaking, reading, and writing and apply language learning strategies while exploring a variety of concrete and abstract topics. Students will increase their knowledge of the French language through the study of French literature from around the world. They will also deepen their understanding and appreciation of diverse French-speaking communities, and will develop skills necessary for lifelong language learning.
Code FIF4UU Name Immersion Française Grade 12 Type University Prerequisite FIF3UU Return Home	This course provides students with extensive opportunities to communicate, interact, and think critically and creatively in French. Throughout this course, students will consolidate their listening, speaking, reading, and writing skills and apply language learning strategies while communicating about both concrete and abstract topics. They will independently respond to a variety of oral and written French literature from the Middle Ages to the present. They will also enrich their understanding of diverse French-speaking communities.
Code FIF4O1 Name Immersion Française Grade 12 Type University Prerequisite FIF3U1, FIF3O1 Return Home	This course provides opportunities for students to consolidate communication and critical and creative thinking skills related to the study of French that can be applied in the workplace and beyond. Students will develop collaborative skills and self-confidence through hands-on activities in listening, speaking, reading, and writing, using French in real-life contexts and new and familiar situations. They will also enrich their understanding and appreciation of diverse French-speaking communities, and will develop skills necessary for lifelong language learning.

Classical Languages

Course Information	Course Description
Code LVLBD1 Name Level 1 Latin Grade 9 - 12 Type Open Prerequisite None Return Home	This course introduces students to the enduring achievements of the classical world through the study of Latin or ancient Greek. Students will learn vocabulary and grammatical concepts essential for reading and translating adapted classical texts. Although English is the language of instruction, students will develop language skills that will enable them to read and interpret the classical language with fluency and confidence. Through a variety of enrichment activities, students will explore aspects of life in the ancient world including trade, commerce, education, entertainment, and social customs. In addition, students will enhance their literacy skills and improve their interpersonal skills through effective communication skills, and will make connections across the curriculum between the classical world and the world around them.
Code LVLCU1 Name Level 2 Latin Grade 9 - 12 Type Open Prerequisite LVLBD1 Return Home	This course provides students with opportunities to continue their exploration of the achievements of the classical world through the study of Latin or ancient Greek. Students will continue to expand their vocabulary and refine their grammatical knowledge by reading and translating more complex adapted selections in the classical language. Although English is the language of instruction, students will further improve their ability to read and interpret the classical language with fluency and confidence. Students will explore diverse aspects of classical culture including science and technology, geography and the environment, religion, and social customs, while developing their ability to think critically, to communicate and interact effectively, and make connections across the curriculum between the classical world and the world around them.
Code LVLDU1 Name Level 3 Latin Grade 9 - 12 Type Open Prerequisite LVLCU1 Return Home	This course provides students with opportunities to further develop their knowledge of the rich cultural legacy of the classical world through the study of Latin or ancient Greek. Students will continue to increase their vocabulary and consolidate their grammatical knowledge by reading and translating a broad selection of adapted and original classical texts. Although English is the language of instruction, students will continue to develop their proficiency in reading the classical language in order to interpret the culture of the ancient world. Students will engage in a variety of activities to strengthen their literacy and research skills, to communicate and collaborate effectively, and to enhance their ability to make connections between the classical world and other societies.

Guidance and Career Education

Guidance and Career Education

Note: A description for the compulsory grade 10 Civics and Careers half credits (GLC2OH, **GLC2OU**) can be found under Canadian and World Studies

Course Calendar, Grade 10-12

Course Information	Course Description
Code IDC4U1 Name Leadership Grade 12 Type University Prerequisite Any U or M level course Return Home	*Students are not eligible to earn a credit in both IDC4U1 and IDC4UA. This course will help students develop and consolidate the leadership skills required for and knowledge of different subjects and disciplines to solve problems, make decisions, create personal meaning and present findings beyond the scope of a single subject or discipline. Students will apply the principles and processes of inquiry and research to effectively use a range of print, electronic, and mass media resources; to analyze historical innovations and exemplary research. They will also assess their own cognitive and affective strategies, apply general skills in both familiar and new contexts, create innovative products, and communicate new knowledge. Students are provided opportunities to develop leadership skills by learning the event planning process and supporting both school and community events. Throughout the semester, various leadership styles and techniques will be examined.
Code IDC4UA Name Studies in Education Grade 12 Type University Prerequisite Any U or M level course Return Home	* Students are not eligible to earn a credit in BOTH the IDC4U1 and the IDC4UA. This course will help students develop and consolidate the leadership skills required for and knowledge of different subjects and disciplines to solve problems, make decisions, create personal meaning and present findings beyond the scope of a single subject or discipline. Students will apply the principles and processes of inquiry and research to effectively use a range of print, electronic, and mass media resources; to analyze historical innovations and exemplary research. They will also assess their own cognitive and affective strategies, apply general skills in both familiar and new contexts, create innovative products, and communicate new knowledge. "Studies in Education" is an excellent preparatory course for students interested in a career in education, social work, child development or psychology. Students will move through study modules that cover topics such as teaching and learning strategies, developmental psychology, classroom management, assessment, data management, diversity and equity. Students will apply their learning in classrooms where they will collaborate with teachers to teach lessons and support students. Students will need to complete an application form and sit for an interview to be considered for this course.
Learning Strategies	
Note: A description for the compulsory grade 10 Civics and Careers half credits (GLC2OH, GLC2OU) can be found under Canadian and World Studies	
Course Information	Course Description
Code GLS1O1, GLE1O1, GLE2O1 Name Learning Strategies Grade 9 and 10 Type Open Prerequisite None Return Home	These courses focus 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. These courses help students build confidence and motivation to pursue opportunities for success in secondary school and beyond. In addition, the skills learned in these courses will be transferable to support success in other classes. Note: The GLS1O course is designed for those students that have not been formally identified and do not have an IEP.
Code GLS3O1, GLE3O1, GLE4O1 Name Learning Strategies Grade 11 and 12 Type Open Prerequisite None Return Home	These courses improve students' learning and personal-management skills, preparing them to make successful transitions to work, training, and/or postsecondary education destinations. Students will assess their learning abilities and use literacy, numeracy, and research skills and personal-management techniques to maximise their learning. Students will investigate trends and resources to support their postsecondary employment, training, and/or education choices and develop a plan to help them meet their learning and career goals. Note: The GLS4O course is designed for those students that have not been formally identified and do not have an IEP

Health and Physical Education

Healthy and Physical Education	
Note: Please pay attention to the sixth character in the course codes (where applicable) and select accordingly. Students are encouraged to choose the Health and Physical Education course which best supports their active participation. All are welcome, and equity and inclusion are paramount.	
<ul style="list-style-type: none"> ● PPL2O<u>F</u> (female*) ● PPL2O<u>M</u> (male*) ● PPL1O<u>1</u> (non-gendered) 	
Note: Students may take more than one Health and Physical Education Course at any Grade level.	
Course Information	Course Description
Code PPL1O1, PPL1OE, PPL1OM Name Healthy Active Living Grade 9	These courses equip 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

Course Calendar, Grade 10-12

Type Open Prerequisite None Return Home	<p>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.</p>
Code PP2LO1, PPL2OE, PPL2OM Name Healthy Active Living Grade 10 Type Open Prerequisite None Return Home	<p>These courses enable 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.</p>
Code PPL3O1 Name Healthy Active Living Grade 9 Type Open Prerequisite None Return Home	<p>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.</p>
Code PPL4O1 Name Healthy Active Living Grade 9 Type Open Prerequisite None Return Home	<p>These courses enable 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.</p>
Fitness	
Course Information	Course Description
Code PAF1O1 Name Personal Fitness Grade 9 Type Open Prerequisite None Return Home	<p>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. Students' learning will include the application of movement principles to refine their skills, participation in a variety of fitness activities that enhance personal competence and health and examination of issues related to healthy living.</p>
Code PAF2O1 Name Personal Fitness Grade 10 Type Open Prerequisite None Return Home	<p>This course emphasises regular participation in a variety of enjoyable physical activities that promote lifelong healthy active living. Student learning will include the application of movement principles to refine skills; participation in a variety of activities that enhance personal competence, fitness, and health; examination of issues related to healthy sexuality, healthy eating, substance use and abuse; and the use of informed decision making, conflict resolution, and social skills in making personal choices.</p>
Code PAF3O1 Name Personal Fitness Grade 11 Type Open Prerequisite None Return Home	<p>This course focuses on the development of a personalised approach to health and wellness. The course will study the importance of nutrition and healthy eating, anatomy and physiology of the body, the importance of a healthy body image, and different techniques to improve fitness. Students will participate in a variety of fitness and conditioning activities that have the potential to engage students' interest throughout their lives. Students will be required to develop and implement personal physical fitness plans in accordance with the components of fitness. In addition, they will work to develop an understanding of the important role physical activity has on health and wellness.</p>
Code PAF4O1 Name Personal Fitness Grade 12 Type Open Prerequisite None Return Home	<p>This course uses the weight training facility as the home base with focus on the achievement and maintenance of a healthy lifestyle. The course involves various forms of physical training including cardiovascular and strength training programs. This course is being designed for students interested in cross training for their chosen sports or desiring to improve their self-image and fitness levels. Note: It is strongly recommended that students take PAF3O prior to this course</p>
Focus Courses	
Course Information	Course Description

Course Calendar, Grade 10-12

<p>Code PAD1OU Name Outdoor Education Grade 9 Type Open</p> <p>Prerequisite None Return Home</p>	<p>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. This course gives students the opportunity to continue building their French proficiency while doing physical and recreational activities in a natural setting. Activities include snowshoeing, team building and survival games, cycling, orienteering, slacklining, etc. Students participate in one day trip per month for a small cost.</p>
<p>Code PAD2O1 Name Outdoor Education Grade 10 Type Open</p> <p>Prerequisite None Return Home</p>	<p>The Outdoor Recreation Program is designed to offer students the opportunity to experience physical activities from a more traditional recreational perspective, in natural settings. Students will participate in outdoor and recreational activities that will enhance both mental and physical well-being. Through experiential learning, the objectives of skill development, safety practices, and fitness, along with personal aspects of responsibility, teamwork, and self-awareness will be developed. Activities and in class learning include hiking, orienteering and Geocaching, snowshoeing, disc golf, team building games, outdoor food and nutrition, "FITT" principles, and many more fun things. Field trips may require small fees.</p>
<p>Code PAI2O1 Name Basketball/Volleyball Grade 10 Type Open</p> <p>Prerequisite None Return Home</p>	<p>The application portion of this course is designed for those students prepared to focus their efforts on improving their performance in Basketball and Volleyball. This course is designed to facilitate the learning and improvement of challenging skills, drills and strategies applicable to competitive student-athletes.</p>
<p>Code PAL2O1 (grade 10) <u>or</u> PAL3O1 (grade 11) Name Hockey Grade 10 & 11 Type Open</p> <p>Prerequisite None Return Home</p>	<p>The application portion of this course is designed for those students prepared to focus their efforts on improving their performance in the skating and puck-handling skills related to Hockey. Students will learn some basic tools of coaching leadership, communication, teaching skills and practice planning. Students must have their own hockey equipment. The cost of the course has historically been in the area of \$350, which includes two ice sessions per week and a school year drop in pass to the Allandale Recreation Centre. An updated cost breakdown will be available in the spring of 2024.</p>
<p>Code PAR3O1 (grade 11) and PAR4O1 (grade 12) Name Yoga Grade 11 & 12 Type Open</p> <p>Prerequisite None Return Home</p>	<p>With a holistic approach, the primary focus of this course is on the disciplines of Yoga and Pilates. The intent is to provide students with powerful, practical tools to meet the challenges in their lives and consciously, courageously conquer them. Students will participate in personal fitness and wellness activities that have the potential to engage their interest now and well into adulthood.</p>
<p>Code PAI3O1 Name Football/Rugby Grade 11 Type Open</p> <p>Prerequisite None Return Home</p>	<p>This course is designed to promote safe rugby and football practice and progress beyond the generalised knowledge and skills developed in regular phys.ed. The topics covered in this course will align with those in the Rugby and Football Canada guidelines. The skills taught will see a progression from beginner to intermediate skill level. The students will demonstrate understanding of the game through program design as well as video and statistical analysis.</p>
Focus Courses	
Course Information	Course Description
<p>Code PSK4U1 Name Kinesiology Grade 12 Type University</p> <p>Prerequisite Any Grade 11 university or university/college preparation course in science, or any Grade 11 or 12 course in health and physical education. Return Home</p>	<p>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.</p>
Health and Physical Education - Special Packages	
Course Information	Course Description

Course Calendar, Grade 10-12

<p>Code BLOCK2C Name Outdoor Leadership Grade 12 Type University/College</p> <p>Prerequisite None</p> <p>2 credit package Return Home</p>	<p>The Outdoor Education Program is designed to offer students the opportunity to experience various activities and organized learning in a natural outdoor setting. Students will develop various outdoor skills, such as camping, canoeing, snowshoeing, hiking, etc. that will enhance both mental and physical well-being. Through experiential adventure based learning, students will develop outdoor, camping, safety and survival skills, as well as learning related environmental and geographic information. Students applying to this course must have a strong desire to work actively in the outdoors and be willing to accept the challenge of working independently and in close cooperation with their classmates. There will be experiential field trips that are associated with this 2 credit outdoor adventure program that will have extra costs for students. Students may speak to a Guidance Counsellor if they are experiencing financial difficulties. Students will receive the following two credits:</p> <p>PLF4M1: Rec & Healthy Active Living Leadership, Grade 12, College/University 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: None</p> <p>CGO4M1: Spatial Technologies in Action, Grade 12, University/College This course provides a foundation for students who are considering pursuing a career that requires hands-on knowledge of computer-based spatial technologies. Students will analyze and propose solutions to real-life issues related to spatial organization, such as determining transportation routes, appropriate locations for community services, or potential conservation and preservation areas. Students will extend their ability to use geographic information systems (GIS), global positioning systems (GPS), and remote sensing and to create maps, charts, and graphs. Throughout the course, students will apply the concepts of geographic thinking and the geographic inquiry process to investigate various issues related to spatial organization. Prerequisite: Any university, university/college, or college preparation course in Canadian and world studies, English or social sciences and humanities.</p>
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Mathematics & Computer Studies

Focus Courses	
Course Information	Course Description
<p>Code MTH1W1 Name Mathematics Grade 9 Type Destreamed</p> <p>Prerequisite None Return Home</p>	<p>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.</p>
<p>Code MAT1LL Name Mathematics Grade 9 Type Locally Developed</p> <p>Prerequisite None Return Home</p>	<p>This course provides students who have experienced significant difficulties in previous Mathematics courses an opportunity to obtain sufficient background and skill development to prepare them for Grade 11 and 12 Workplace preparation courses. Whenever possible, ideas will be presented in a real-life context, providing students with the opportunity to explore, organise, interpret, and use mathematical models to solve problems. Technology and manipulative materials will be used wherever appropriate. Assessment and evaluation will be done using a wide variety of strategies.</p>
<p>Code MPM2D1 Name Mathematics Grade 10 Type Academic</p> <p>Prerequisite MTH1W1 Return Home</p>	<p>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 as they solve multistep problems and communicate their thinking.</p>
<p>Code MFM2P1 Name Mathematics Grade 10 Type Applied</p> <p>Prerequisite MTH1W1 Return Home</p>	<p>This course enables students to consolidate their understanding of relationships 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 relationships. Students will investigate similar triangles, the trigonometry of right-angled triangles, and the measurement of three dimensional objects. Students will consolidate their mathematical skills as they solve problems and communicate their thinking.</p>

Course Calendar, Grade 10-12

<p>Code MAT2LL Name Mathematics Grade 10 Type Locally Developed</p> <p>Prerequisite None Return Home</p>	<p>This course provides students who have experienced significant difficulties in previous Mathematics courses an opportunity to obtain sufficient background and skill development to prepare them for Grade 11 and 12 Workplace preparation courses. Whenever possible, ideas will be presented in a real-life context, providing students with the opportunity to explore, organise, interpret, and use mathematical models to solve problems. Technology and manipulative materials will be used wherever appropriate. Assessment and evaluation will be done using a wide variety of strategies.</p>
<p>Code MCR3U1 Name Functions Grade 11 Type University</p> <p>Prerequisite MPM2D1 Return Home</p>	<p>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; and develop facility in simplifying polynomial and rational expressions. Students will reason mathematically and communicate their thinking as they solve multi-step problems.</p>
<p>Code MCF3M1 Name Functions and Applications Grade 11 Type College/University</p> <p>Prerequisite MPM2D1 or MFM2P1 Return Home</p>	<p>This course introduces basic features of the function by extending students' experiences with quadratic relations. It focuses on quadratic, trigonometric, and exponential functions and their use in modelling real-world situations. Students will represent functions numerically, graphically, and algebraically; simplify expressions; solve equations; and solve problems relating to financial and trigonometric applications. Students will reason mathematically and communicate their thinking as they solve multi-step problems.</p>
<p>Code MEL3E1 Name Mathematics Grade 11 Type Workplace</p> <p>Prerequisite None Return Home</p>	<p>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.</p>
<p>Code MBF3C1 Name Mathematics Grade 11 Type College</p> <p>Prerequisite MFM2P1 Return Home</p>	<p>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, as well as of measurement and geometry; investigate situations involving exponential growth; solve problems involving compound interest; solve financial problems connected with vehicle ownership; and develop their ability to reason by collecting, analysing, and evaluating data involving one and two variables. Students will consolidate their mathematical skills as they solve problems and communicate their thinking.</p>
<p>Code MAP4C1 Name Mathematics Grade 12 Type College</p> <p>Prerequisite MBF3C1 Return Home</p>	<p>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; 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.</p>
<p>Code MEL4E1 Name Mathematics Grade 12 Type Workplace</p> <p>Prerequisite None Return Home</p>	<p>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 and create household budgets; 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.</p>
<p>Code MDM4U1 Name Data Management Grade 12 Type University</p> <p>Prerequisite MCF3M1 or MCR3U1 Return Home</p>	<p>This course broadens students' understanding of mathematics as it relates to managing data. Students will apply methods for organising large amounts of information; solve problems involving probability and statistics; and carry out a culminating project that integrates statistical concepts and skills. Students will also refine their use of the mathematical processes necessary for success in senior mathematics. Students planning to enter university programs in business, the social sciences, and the humanities will find this course of particular interest.</p>
<p>Code MHF4U1 Name Functions Grade 12 Type University</p> <p>Prerequisite MCR3U1 Return Home</p>	<p>This course extends students' experience with functions. Students will investigate the properties of polynomial, rational, logarithmic, and trigonometric functions; broaden their understanding of rates of change; and develop facility in applying these concepts and skills. Students will also refine their use of the mathematical processes necessary for success in senior mathematics. This course is intended both for students who plan to study mathematics in university and for those wishing to consolidate their understanding of mathematics before proceeding to any one of a variety of university programs.</p>

Course Calendar, Grade 10-12

<p>Code MCV4U1 Name Calculus Grade 12 Type University</p> <p>Prerequisite MHF4U1 Return Home</p>	<p>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, rational, exponential, and sinusoidal functions; and apply these concepts and skills to the modelling of real-world relationships. Students will also refine their use of the mathematical processes necessary for success in senior mathematics. This course is intended for students who plan to study mathematics in university and who may choose to pursue careers in fields such as physics and engineering.</p>
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Science

Science	
Course Information	Course Description
<p>Code SNC1W1 Name Science Grade 9 Type Destreamed</p> <p>Prerequisite None Return Home</p>	<p>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.</p>
<p>Code SNC1LL Name Science Grade 9 Type Locally Developed</p> <p>Prerequisite None Return Home</p>	<p>This course enables students to deepen their knowledge and understanding of the basic concepts in biology, chemistry, earth and space science, and physics; to develop practical skills in science investigation; and to apply their knowledge and skills to everyday situations. Students conduct investigations into practical problems and issues related to cells and reproduction, the structure and properties of elements and compounds, static and current electricity, and astronomy and space exploration. A variety of hands-on activities assists students to acquire concepts. Students will use different reporting strategies to facilitate the development of communication skills.</p>
<p>Code SNC2D1 Name Science Grade 10 Type Academic</p> <p>Prerequisite SNC1W Return Home</p>	<p>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.</p>
<p>Code SNC2P1 Name Science Grade 10 Type Applied</p> <p>Prerequisite SNC1W Return Home</p>	<p>This course enables students to develop a deeper understanding of concepts in biology, chemistry, earth and space science, and physics, and to apply their knowledge of science in real-world situations. Students are given opportunities to develop further practical skills in scientific investigation. Students will plan and conduct investigations into everyday problems and issues related to human cells and body systems; chemical reactions; factors affecting climate change; and the interaction of light and matter.</p>
<p>Code SNC2LL Name Science Grade 10 Type Locally Developed</p> <p>Prerequisite SNC1LL and by recommendation Return Home</p>	<p>This course enables students to deepen their knowledge and understanding of the basic concepts in biology, chemistry, earth and space science, and physics; to develop practical skills in science investigation; and to apply their knowledge and skills to everyday situations. Students conduct investigations into practical problems and issues related to cells and reproduction, the structure and properties of elements and compounds, static and current electricity, and astronomy and space exploration. A variety of hands-on activities assists students to acquire concepts. Students will use different reporting strategies to facilitate the development of communication skills.</p>
<p>Code SNC4M1 Name Science Grade 12 Type College/University</p> <p>Prerequisite SNC2P1, SNC2D1 Return Home</p>	<p>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.</p>
<p>Code SNC4E1 Name Science Grade 12 Type Workplace</p> <p>Prerequisite SNC2P1, SNC2LL Return Home</p>	<p>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.</p>

Course Calendar, Grade 10-12

Chemistry

Course Information	Course Description
Code SCH3U1 Name Chemistry Grade 11 Type University Prerequisite SNC2D1 Return Home	This course focuses on the concepts and theories that form the basis of modern chemistry. Students will study the behaviours of solids, liquids, gases, and solutions; investigate changes and relationships in chemical systems; and explore how chemistry is used in developing new products and processes that affect our lives and our environment. Emphasis will also be placed on the importance of chemistry in other branches of science.
Code SCH4U1/SCH4UP Name Chemistry Grade 12 Type University Prerequisite SCH3U1 Return Home	This course enables students to deepen their understanding of chemistry through the study of organic chemistry, energy changes and rates of reaction, chemical systems and equilibrium, electrochemistry and atomic and molecular structure. Students will further develop problem solving and laboratory skills as they investigate chemical processes, at the same time refining their ability to communicate scientific information. Emphasis will be placed on the importance of chemistry in daily life and on evaluating the impact of chemical technology on the environment.
Code SCH4C1 Name Chemistry Grade 12 Type College Prerequisite SNC2P1 Return Home	This course introduces students to the concepts that form the basis of modern chemistry. Students will study qualitative analysis, quantitative relationships in chemical reactions, organic chemistry and electrochemistry, and chemistry as it relates to the quality of the environment. Students will employ 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 in the development of new technologies and products.

Physics

Course Information	Course Description
Code SPH3U1 Name Science Grade 11 Type University Prerequisite SNC2D1 Return Home	This course develops students' understanding of the basic concepts of physics. Students will study the laws of dynamics and explore different kinds of forces, the quantification and forms of energy (mechanical, sound, light, thermal, and electrical), and the way energy is transformed and transmitted. They will develop scientific-inquiry skills as they verify accepted laws and solve both assigned problems and those emerging from their investigations. Students will also analyze the interrelationships between physics and technology, and consider the impact of technological applications of physics on society and the environment.
Code SPH4U1 Name Science Grade 12 Type University Prerequisite SPH3U1 Return Home	This course enables students to deepen their understanding of the concepts and theories of physics. Students will explore further the laws of dynamics and energy transformations and will investigate electrical, gravitational and magnetic fields; electromagnetic radiation and the interface between energy and matter. They will further develop inquiry skills, learning, for example, how the interpretation of experimental data can provide indirect evidence to support the development of a scientific model. Students will also consider the impact on society and the environment of technological applications of physics.
Code SPH4C1 Name Science Grade 12 Type University Prerequisite SNC2P1 Return Home	This course develops students' understanding of the basic concepts of physics. Students will explore these concepts as they relate to mechanical, electrical, fluid (hydraulic and pneumatic), and communications systems, as to the operation of commonly used tools and equipment. They will develop scientific-inquiry skills as they verify accepted laws of physics and solve both assigned problems and those emerging from their investigations. Students will also consider the impact of technological applications of physics on society and the environment.

Biology

Course Information	Course Description
Code SBI3U1 Name Biology Grade 11 Type University Prerequisite SNC2D Return Home	This course will allow you to deepen your conceptual understanding of living things on our planet. You will explore the classification, genetics, and biological evolution of plants, animals, bacteria, protists, and fungi. This course builds on your exploration of body systems in grade 10 as you will further investigate the respiratory, circulatory, and digestive systems of animals. You will continue to develop your scientific investigation skills as you perform experiments, analyze data to form meaningful conclusions, and communicate your findings using scientific conventions and terminology.
Code SBI3C1 Name Biology Grade 11 Type College Prerequisite SNC2D1 or SNC2P1	This course will allow you to deepen your understanding of living things on our planet. You will explore cellular biology, microbiology, and genetics as well as the anatomy and biological functions of mammals and plants. This course builds on your exploration of body systems in grade 10 as you will further investigate the respiratory, circulatory, and digestive systems of animals. You will continue to develop your scientific investigation skills as you perform

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Return Home	experiments, analyze data to form meaningful conclusions, and communicate your findings using scientific conventions and terminology.
Code SBI4U1 Name Biology Grade 12 Type University Prerequisite SBI3U1 Return Home	This course will allow you to deepen your conceptual understanding of the processes that occur in biological systems at a topical and cellular level. You will explore in greater detail biochemistry, metabolic processes, molecular genetics, homeostasis, and population dynamics through both theory and hands-on experimentation. This course has an emphasis on the achievement of detailed knowledge and the refinement of scientific skills that you have been developing since grade 9 in preparation for further study in various branches of the life sciences and related fields.
Environmental Science	
Course Information	Course Description
Code SVN3E1 Name Science Grade 11 Type Workplace Prerequisite any grade 10 science Return Home	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.
Code SVN3M1 Name Science Grade 11 Type College/University Prerequisite SNC2D1 or SNC2P1 Return Home	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.
Specialty Courses	
Course Information	Course Description
Code IDC3O1 Name Science Grade 11 Type Open Prerequisite SNC2P1, SNC2D1 Return Home	This course develops students' understanding of the basic concepts of astronomy and astrophysics. Students will study the components of the solar system, galaxy and universe to gain an understanding of how they evolved and developed. They will study how the scientific process has led to our current understanding of the universe. They will develop scientific inquiry skills as they research and learn about the laws that govern the universe. Students will also analyze the interrelationships between astronomy and technology, and consider the impact of technology on astronomy, society and the environment. Emphasis will be placed on developing learning skills that will enable the student to access and analyze information. Topics covered include: Night Sky, Solar System, Stars, Galaxies and Cosmology.
Code SES4U1 Name Science Grade 12 Type University Prerequisite SNC2D1 Return Home	This course focuses on the Earth as a planet, and on the basic concepts and theories of Earth science and their relevance to everyday life. Students will examine the Earth's place in the solar system and, after a general introduction to Earth science, will explore in more detail the materials of the Earth, its internal and surficial processes, and its history. The course draws on astronomy, biology, chemistry, mathematics, and physics in its consideration of geological processes that can be observed directly or inferred from other evidence.
Science - Special Programs	
Course Information	Course Description
Code BLOCK2B Name Combined BioChemistry Grade 12 Type University Prerequisite SBI3U1, SCH3U1 2 credit package Return Home	<p>The biochemistry program offers students a unique opportunity to integrate Biology and Chemistry into a double period in order to take advantage of the inherent connections between the two courses. Students will have the opportunity to examine how organisms are impacted by the exposure to common chemicals. Learning will be enhanced through experiential education opportunities, field studies and numerous inquiry-based projects. Students will receive the following two credits below.</p> <p>SBI4U1: Biology (See description under Biology)</p> <p>SCH4U1: Chemistry (See description under Chemistry)</p>

Social Sciences and the Humanities

Social Sciences and the Humanities	
Course Information	Course Description
Code HIF1O1 or HIF2O1 Name Family Studies	This course explores, within the context of families, some of the fundamental challenges people face: how to meet basic needs, how to relate to others, how to manage resources, and

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<p>Grade 9 or 10 Type Open</p> <p>Prerequisite None</p> <p>Note: students may take the 9 or 10 HIF credit, but NOT both Return Home</p>	<p>how to become responsible members of society. Students will explore adolescent development and will have opportunities to develop interpersonal, decision-making, and practical skills related to daily life. They will learn about the diverse ways in which families function in Canada and will use research skills as they explore topics related to individual and family needs and resources. This is a course that introduces different branches of Family Studies, including the study of behaviour and psychology within families as well as practical applications including sewing and cooking. Students will experience a hands-on interactive course.</p>
<p>Code HFN1O1 or HFN2O1 Name Food and Nutrition Grade 9 or 10 Type Open</p> <p>Prerequisite None</p> <p>Note: students may take the 9 or 10 HFN credit, but NOT both Return Home</p>	<p>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. This course examines current issues in local and global food production, nutrition and body image. Students will enjoy working to produce delicious and nutritious foods during the food lab every week.</p>
<p>Code HFC3E1 Name Food and Culture Grade 11 Type University/College</p> <p>Prerequisite None Return Home</p>	<p>This course focuses on the flavours, aromas, cooking techniques, foods, and cultural traditions of world cuisines. Students will demonstrate the ability to cook with ingredients and equipment from a range of cultures, describe food-related etiquette in a variety of countries and cultures, and explore ways in which Canadian food choices and traditions have been influenced by other cultures. Students will have opportunities to develop practical skills and apply research skills as they investigate foods and food practices from around the world. As students tour the world's cultures and the foods they eat, students will produce authentic international dishes each week.</p>
<p>Code HNC3C1 Name Understanding Fashion Grade 11 Type University/College</p> <p>Prerequisite ENG2P1. ENG2D1 Return Home</p>	<p>This course introduces students to the world of fashion. Students will gain an understanding of theories related to fashion trends and of how culture, media, fashion cycles, retailing, and social and environmental factors influence fashion trends and consumer behaviour. Students will use various tools, technologies, and techniques safely and correctly to create fashion items. They will apply knowledge of fibres, fabrics, and the elements and principles of design when creating and assessing fashion-related products. Students will develop research skills as they investigate topics related to fashion. In addition to studying fashion trends and principles, students will develop their technical and creative skills while making fashionable garments.</p>
<p>Code HPW3C1 Name Working with Infants and Young Children Grade 11 Type University/College</p> <p>Prerequisite ENG2P1. ENG2D1 Return Home</p>	<p>This course prepares students for occupations involving children from birth to six years of age. Students will study theories about child behaviour and development, and will have opportunities for research and observation and for practical experiences with young children. Students will become familiar with occupational opportunities and requirements related to working with infants and young children. They will also have opportunities to develop research and critical-thinking skills as they investigate and evaluate current research about early childhood education. This course allows students to obtain practical, hands-on experience working with young children. It also offers insight into the various occupations involving young children. Computerised simulator babies are used to offer students a virtual parenting experience.</p>
<p>Code HSP3C1, HSP3CU Name Anthropology, Psychology & Sociology Grade 11 Type College</p> <p>Prerequisite ENG2P1. ENG2D1 Return Home</p>	<p>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. They 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. Students will be introduced to research methods and topics in three branches of Social Science. The course involves study of a wide set of subjects, ranging from early human ancestors to issues in modern schools to psychological conditions. Emphasis will be placed on hands-on activities and discussions.</p>
<p>Code HSP3U1, HSP3UU Name Anthropology, Psychology & Sociology Grade 11 Type University</p> <p>Prerequisite ENG2D1 Return Home</p>	<p>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. Students will be introduced to research methods and topics in three branches of Social Science. The course involves study of a wide set of subjects, ranging from early human ancestors to issues in modern schools to psychological conditions. Emphasis will be placed on discussion, critical thinking activities and enhancing students' independent research skills.</p>
<p>Code HZB3M1 Name Philosophy Grade 11 Type University/College</p> <p>Prerequisite ENG2P1. ENG2D1 Return Home</p>	<p>This course encourages exploration of philosophy's big questions, such as: What is a meaningful life? What separates right from wrong? What constitutes knowledge? What makes something beautiful? What is a just society? Students will develop critical thinking and philosophical reasoning skills as they identify and analyze the responses of philosophers to the big questions and formulate their own response to them. Students will explore the relevance of philosophical questions to society and to their everyday life. They will develop research and inquiry skills as they investigate various topics in philosophy. This course provides significant opportunities for structured discussion on current issues. Students will play a major role in deciding the issues that the class will study.</p>

Course Calendar, Grade 10-12

<p>Code HNB4M1 Name Fashion Grade 12 Type University/College</p> <p>Prerequisite NBE3U1, NBE3C1 Return Home</p>	<p>This course gives students the opportunity to explore the world of fashion. Students will learn how to create a fashion product using various tools, techniques and technologies while developing their practical skills. Students will learn about various factors that affect the global fashion industry, the needs of specialized markets, and the impact of fibre and fabric production and care. In addition, they will learn about social and historical influences on fashion. Students will apply research skills when investigating aspects of the fashion world. This course will allow students to research the impact of the Fashion industry on the environment and see the evolution of Fashion. Students will have the opportunity to learn how to create garments from patterns along with learning tailoring skills.</p>
<p>Code HIP4O1 Name Personal Life Management Grade 12 Type Open</p> <p>Prerequisite None Return Home</p>	<p>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 emphasises the achievement of expectations through practical experiences. Whatever choices students make for their life after high school, this course teaches the necessary skills needed for living independently: budgeting, tenant and landlord interaction, how to find a place to live, interpersonal and conflict resolution skills.</p>
<p>Code HSB4U1 Name Challenge and Change Grade 12 Type University</p> <p>Prerequisite NBE3U1 Return Home</p>	<p>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 analyze how and why cultural, social, and behavioural 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. This is an issues-based course where students examine current social and psychological challenges such as mental illness, gender issues, child labour, poverty, and our currently unsustainable lifestyle. This course also explores ways in which society and individuals can resolve these issues.</p>
<p>Code HZT4U1 Name Philosophy Grade 11 Type University</p> <p>Prerequisite NBE3U1 Return Home</p>	<p>This course enables students to acquire an understanding of the nature of philosophy and philosophical reasoning skills and to develop and apply their knowledge and skills while exploring specialized branches of philosophy (the course will cover at least three of the following branches: metaphysics, ethics, epistemology, philosophy of science, social and political philosophy, and aesthetics). Students will develop critical thinking and philosophical reasoning skills as they formulate and evaluate arguments related to a variety of philosophical questions and theories. They will also develop research and inquiry skills related to the study and practice of philosophy. This course will give students an opportunity to study key thinkers whose ideas have shaped our current society. Through discussion, reading and independent research, students will explore theories and their real-world applications. Topics include differing approaches to ethical dilemmas, competing perspectives on how to make our lives meaningful and opposing theories on how to organise governments to meet human needs.</p>
<p>Code HHG4M1 Name Human Development Grade 12 Type University/College</p> <p>Prerequisite NBE3U1, NBE3C1 Return Home</p>	<p>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.</p>
<p>Code HSE4M1 Name Equity and Social Justice Grade 12 Type University/College</p> <p>Prerequisite NBE3U1, NBE3C1 Return Home</p>	<p>This course enables students to develop an understanding of the theoretical, social, and historical underpinnings of various equity and social justice issues and to analyze 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.</p>

Technological Education

Technological Education	
Course Information	Course Description
<p>Code TAS1O1 or TAS1OĒ (female only) Name Technology and the Skilled Trades Grade 9 Type Open Prerequisite None</p>	<p>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: this course will explore the sectors of transportation, construction and manufacturing.</p>

Course Calendar, Grade 10-12

Return Home	
Code TAS2O1 Name Technology and the Skilled Trades Grade 10 Type Open Prerequisite None Return Home	<p>This hands-on course enables students to apply the engineering design process and other technological knowledge and skills introduced in earlier grades. Students will design and safely create prototypes, products, and/or services, working with tools and resources from various industries. As students develop their projects to address real-life problems, they will apply technological concepts such as quality control, and health and safety standards. Students explore opportunities for job skills programs and education and training pathways, including skilled trades, that can lead to a variety of careers.</p>
Hospitality and Tourism	
Course Information	Course Description
Code TFJ1O1 Name Hospitality Grade 9 Type Open Prerequisite None Return Home	<p>This course introduces students to concepts and skills related to hospitality and tourism, focusing on the areas of food handling, food preparation and origin of foods, event planning, and local tourism. One-half of this course will focus on cooking and one-half will focus on baking. Students are involved in running an actual restaurant within the school and gain some quantity cooking experience in the production of food for the school's breakfast program. Students are involved in catering for groups from within the school and also various community groups.</p>
Code TFJ2O1 Name Hospitality Grade 10 Type Open Prerequisite None Return Home	<p>This course provides students with opportunities to explore different areas of hospitality and tourism, as reflected in the various sectors of the tourism industry, with an emphasis on food service. Students will study culinary techniques of food handling and preparation, health and safety standards, the use of tools and equipment, the origins of foods, and event planning, and will learn about tourism attractions across Ontario. Students will develop an awareness of related environmental and societal issues and will explore secondary and postsecondary pathways leading to careers in the tourism industry.</p>
Code TFJ3C1 Name Hospitality Grade 11 Type College Prerequisite None Return Home	<p>This course enables students to develop or expand knowledge and skills related to hospitality and tourism, as reflected in the various sectors of the tourism industry. Students will learn about preparing and presenting food, evaluating facilities, controlling inventory, and marketing and managing events and activities, and will investigate customer service principles and the cultural and economic forces that drive tourism trends. Students will develop an awareness of health and safety standards, environmental and societal issues, and career opportunities in the tourism industry. Students will focus on event planning and management, tourism studies, banquet cooking and service.</p>
Code TFJ3E1 Name Hospitality Grade 11 Type Workplace Prerequisite None Return Home	<p>This course enables students to acquire knowledge and skills related to the food and beverage services sector of the tourism industry. Students will learn how to prepare, present, and serve food using a variety of tools and equipment and will develop an understanding of the fundamentals of providing high quality service to ensure customer satisfaction and the components of running a successful event or activity. Students will develop an awareness of health and safety practices, environmental and societal issues, and career opportunities in the food and beverage services sector. Students will focus on prep cooking and line cooking duties as well as restaurant service.</p>
Code TFJ4C1 Name Hospitality Grade 12 Type College Prerequisite TFJ3C1 Return Home	<p>This course enables students to further develop knowledge and skills related to the various sectors of the tourism industry. Students will demonstrate advanced food preparation and presentation skills; increase health and wellness knowledge; develop tourism administration and management skills; design and implement a variety of events or activities; and investigate principles and procedures that contribute to high-quality customer service. Students will expand their awareness of health and safety issues, environmental and societal issues, and career opportunities in the tourism industry. Students will focus on event planning and management, tourism studies, banquet cooking and service.</p>
Code TFJ4E1 Name Hospitality Grade 12 Type Workplace Prerequisite TFJ3E1 Return Home	<p>This course enables students to further develop knowledge and skills related to the food and beverage services sector of the tourism industry. Students will demonstrate proficiency in using food preparation and presentation tools and equipment; plan nutritious menus, create recipes, and prepare and present finished food products; develop customer service skills; and explore event and activity planning. Students will expand their awareness of health and safety practices, environmental and societal issues, and career opportunities in the food and beverage services sector. Students will focus on prep cooking and line cooking duties as well as restaurant service.</p>
Hairstyling and Aesthetics	
Course Information	Course Description
Code TXJ1O1 Name Hairstyling and Aesthetics Grade 9 Type Open Prerequisite None	<p>This exploratory course introduces students to concepts and skills related to hairstyling and aesthetics, including hair, nail, and skin care applications. Students will develop an awareness of related environmental and societal issues and will begin to explore secondary and postsecondary pathways leading to careers in the field.</p>

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Return Home	
Code TXJ2O1 Name Hairstyling and Aesthetics Grade 10 Type Open Prerequisite None Return Home	<p>This course presents hairstyling, make-up, and nail care techniques from a salon/spa perspective. Using materials, processes, and techniques used in the industry, students learn fundamental skills in hairstyling, giving manicures and facials, and providing hair/scalp analyzes and treatments. Students will also consider related environmental and societal issues, and will explore secondary and postsecondary pathways leading to careers in the field of hairstyling and aesthetics.</p>
Code TXJ3E1 Name Hairstyling and Aesthetics Grade 11 Type Workplace Prerequisite None Return Home	<p>This course enables students to develop knowledge and skills in cosmetology and offers a variety of applications that will equip students to provide services for a diverse clientele. Students identify trends in the hairstyling and aesthetics industry, learn about related health and safety laws, and expand their communication and interpersonal skills through interactions with peers and clients. Students consider environmental and societal issues related to the industry and acquire a more detailed knowledge of apprenticeships and direct-entry work positions.</p>
Code TXJ4E1 Name Hairstyling and Aesthetics Grade 12 Type Workplace Prerequisite TXJ3E1 Return Home	<p>This course enables students to develop increased proficiency in a wide range of hairstyling and aesthetics services. Working in a salon/spa team environment, students strengthen their fundamental cosmetology skills and develop an understanding of common business practices and strategies in the salon/spa industry. Students expand their understanding of environmental and societal issues and their knowledge of post-secondary destinations in the hairstyling and aesthetics industry.</p>
Communication Technology	
Course Information	Course Description
Code TGJ2O1 Name Communications Technology Grade 10 Type Open Prerequisite None Return Home	<p>This course introduces students to communications technology from a media perspective. Students will work in the areas of TV/video and movie production, radio and audio production, print and graphic communications, photography, and animation. Student projects may include computer-based activities such as creating videos, editing photos, working with audio, cartooning, developing animations, and designing web pages. Students will also develop an awareness of environmental and societal issues related to communications technology and explore secondary and postsecondary education and training pathways and career opportunities in the various communications technology fields.</p>
Code TGI3M1 Name New Media and Animation Grade 11 Type College/University Prerequisite None Return Home	<p>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 explore college and university programs and career opportunities in the various communications technology fields. Students will create their own interactive characters and environments for the production of their animations. This course will focus on learning the skills and techniques required to create various forms of animation such as 2D, stop motion, and 3D.</p>
Code TGV3M1 Name TV, Video and Movie Production Grade 11 Type College/University Prerequisite None Return Home	<p>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 explore college and university programs and career opportunities in the various communications technology fields. This course will focus on TV, video, and movie production by exploring camera techniques, video editing, and special effects. As a culminating activity, students will explore broadcast journalism by producing a live news broadcast.</p>
Code TGV4M1 Name TV, Video and Movie Production Grade 12 Type College/University Prerequisite TGV3M1 Return Home	<p>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. This course will focus on movie, video, and television production by exploring camera techniques, video editing, and special effects. As a culminating activity, students will explore short film production by creating a short film that will be showcased on their YouTube channel and potentially entered into the Barrie Film festival's short film competition.</p>
Computer Technology	
Course Information	Course Description

Course Calendar, Grade 10-12

Code TEJ2O1 Name Computer Technology Grade 10 Type Open Prerequisite None Return Home	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.
Code TEJ3M1 Name Computer Engineering Technology Grade 11 Type College/University Prerequisite None Return Home	This course examines computer systems and control of external devices. Students will assemble computers and small networks by installing and configuring appropriate hardware and software. Students will develop knowledge and skills in electronics, robotics, programming, and networks, and will build systems that use computer programs and interfaces to control and/or respond to external devices. Students will develop an awareness of related environmental and societal issues, and will learn about college and university programs leading to careers in computer technology.
Code TEJ4M1 Name Computer Engineering Technology Grade 12 Type College/University Prerequisite TEJ3M1 Return Home	This course extends students' understanding of computer systems and computer interfacing with external devices. Students will assemble computer systems by installing and configuring appropriate hardware and software, and will learn more about fundamental concepts of electronics, robotics, programming, and networks. Students will examine related environmental and societal issues, and will explore postsecondary pathways leading to careers in computer technology.
Construction Technology	
Course Information	Course Description
Code TCJ2O1 Name Construction Technology Grade 10 Type Open Prerequisite None Return Home	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.
Code TCJ3E1 Name Construction Technology Grade 11 Type Workplace Prerequisite None Return Home	This course enables students to develop technical knowledge and skills related to carpentry, masonry, electrical systems, heating and cooling, and plumbing for residential construction. Students will gain hands-on experience using a variety of materials, processes, tools, and equipment to design, lay out, and build projects. They will create and read technical drawings, learn construction terminology, interpret building codes and regulations, and apply mathematical skills as they develop construction projects. Students will also develop an awareness of environmental and societal issues related to construction technology, and explore postsecondary and career opportunities in the field.
Code TCJ3C1 Name Construction Technology Grade 11 Type College Prerequisite None Return Home	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.
Code TCJ4E1 Name Construction Technology Grade 12 Type Workplace Prerequisite TCJ3E1 Return Home	This course enables students to further develop technical knowledge and skills related to residential construction and to explore light commercial construction. Students will continue to gain hands-on experience using a variety of materials, processes, tools, and equipment; create and interpret construction drawings; and learn more about building design and project planning. They will expand their knowledge of terminology, codes and regulations, and health and safety standards related to residential and light commercial construction. Students will also expand their awareness of environmental and societal issues related to construction technology and explore entrepreneurship and career opportunities in the industry that may be pursued directly after graduation.
Code TCJ4C1 Name Construction Technology Grade 12 Type College Prerequisite TCJ3C1 Return Home	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.
Custom Woodworking	

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Course Information	Course Description
Code TWJ3E1 Name Custom Woodworking Grade 11 Type Workplace Prerequisite None Return Home	This course enables students to develop knowledge and skills related to cabinet making and furniture making. Students will gain practical experience using a variety of the materials, tools, equipment, and joinery techniques associated with custom woodworking. Students will learn to create and interpret technical drawings and will plan, design, and fabricate projects. They will also develop an awareness of environmental and societal issues related to the woodworking industry, and explore apprenticeships, postsecondary training, and career opportunities in the field that may be pursued directly after graduation.
Code TWJ4E1 Name Custom Woodworking Grade 12 Type Workplace Prerequisite TWJ3E1 Return Home	This course enables students to further develop knowledge and skills related to the planning, design, and construction of cabinets and furniture for residential and/or commercial projects. Students will gain further experience in the safe use of common woodworking materials, tools, equipment, finishes, and hardware, and will learn about the entrepreneurial skills needed to establish and operate a custom woodworking business. Students will also expand their awareness of health and safety issues and environmental and societal issues related to woodworking, and will explore career opportunities that may be pursued directly after graduation.
Manufacturing Technology	
Course Information	Course Description
Code TMJ2O1 Name Manufacturing Technology Grade 10 Type Open Prerequisite None Return Home	This course introduces students to the manufacturing industry by giving them an opportunity to design and fabricate products using a variety of processes, tools, and equipment. Students will learn about technical drawing, properties and preparation of materials, and manufacturing techniques. Student projects may include a robotic challenge, a design challenge, or a fabrication project involving processes such as machining, welding, vacuum forming, or injection moulding. Students will develop an awareness of environmental and societal issues related to manufacturing and will learn about secondary and postsecondary pathways leading to careers in the industry. Students will focus on project-based units; in welding the weathervane project will utilise Mastercam with the CNC plasma cutter and the MIG welder. The Stanley Cup project will focus on precision machining using the lathe, milling machine and CNC mill. Students will also design a car rim in 3D using Mastercam. This course gives the students an introduction to the manufacturing industry as to a pathway that interests them.
Code TMJ3E1 Name Manufacturing Technology Grade 11 Type Workplace Prerequisite None Return Home	This hands-on, project-based course is designed for students planning to enter an occupation or apprenticeship in manufacturing directly after graduation. Students will work on a variety of manufacturing projects, developing knowledge and skills in design, fabrication, and problem solving and using tools and equipment such as engine lathes, milling machines, and welding machines. In addition, students may have the opportunity to acquire industry standard certification and training. Students will develop an awareness of environmental and societal issues related to manufacturing and will learn about secondary school pathways that lead to careers in the industry. Students will focus on project-based units; in welding the BBQ project will utilise Mastercam with the CNC plasma cutter, metal shear and the MIG welder. The ball peen hammer project will focus on precision machining using the lathe and milling machine. Students will be able to also design and make a personal project or be assigned one. This course is focused on preparing students for apprenticeship or workplace post-secondary.
Code TMJ3C1 Name Manufacturing Technology Grade 11 Type College Prerequisite None Return Home	This course enables students to develop knowledge and skills through hands-on, project-based learning. Students will acquire design, fabrication, and problem-solving skills while using tools and equipment such as lathes, mills, welders, computer-aided machines, robots, and control systems. Students may have opportunities to obtain industry-standard certification and training. Students will develop an awareness of environmental and societal issues related to manufacturing and will learn about pathways leading to careers in the industry. Students will focus on project-based units with the emphasis on engineering; in welding the BBQ project will utilise Mastercam with the CNC plasma cutter, metal shear and the MIG welder. The ball peen hammer project will focus on precision machining using the lathe and milling machine. Students will be able to also design and make a personal project or be assigned one. This course is focused on preparing students for apprenticeship, college, or university post-secondary.
Code TMJ4E1 Name Manufacturing Technology Grade 12 Type Workplace Prerequisite TMJ3E1 Return Home	This project-driven, hands-on course builds on students' experiences in manufacturing technology. Students will further develop knowledge and skills related to the use of engine lathes, milling machines, welding machines, and other related tools and equipment as they design and fabricate solutions to a variety of technological challenges in manufacturing. Students may have opportunities to acquire industry-standard training and certification. Students will expand their awareness of environmental and societal issues and of career opportunities in the manufacturing industry.
Code TMJ4C1 Name Manufacturing Technology Grade 12 Type College Prerequisite TMJ3C1 Return Home	This course enables students to further develop knowledge and skills related to machining, welding, print reading, computer numerical control (CNC), robotics, and design. Students will develop proficiency in using mechanical, pneumatic, electronic, and computer control systems in a project-based learning environment and may have opportunities to obtain industry-standard training and certification. Students will expand their awareness of environmental and societal issues and career opportunities in the manufacturing industry.

Course Calendar, Grade 10-12

Technological Design	
Course Information	Course Description
Code TDJ2O1 Name Technological Design Grade 10 Type Open Prerequisite None Return Home	This course provides students with opportunities to apply a design process to meet a variety of technological challenges. Students will research projects, create designs, build models and/or prototypes, and assess products and/or processes using appropriate tools, techniques, and strategies. Student projects may include designs for homes, vehicles, bridges, robotic arms, clothing, or other products. Students will develop an awareness of environmental and societal issues related to technological design, and learn about secondary and postsecondary education and training leading to careers in the field.
Code TDJ3M1 Name Technological Design Grade 11 Type University/College Prerequisite None Return Home	This course examines how technological design is influenced by human, environmental, financial, and material requirements and resources. Students will research, design, build, and assess solutions that meet specific human needs, using working drawings and other communication methods to present their design ideas. They will develop an awareness of environmental, societal, and cultural issues related to technological design, and will explore career opportunities in the field, as well as the college and/or university program requirements for them.
Code TDJ4M1 Name Technological Design Grade 12 Type College/University Prerequisite None Return Home	This course introduces students to the fundamentals of design advocacy and marketing, while building on their design skills and their knowledge of professional design practices. Students will apply a systematic design process to research, design, build, and assess solutions that meet specific human needs, using illustrations, presentation drawings, and other communication methods to present their designs. Students will enhance their problem-solving and communication skills, and will explore career opportunities and the postsecondary education and training requirements for them.
Transportation Technology	
Course Information	Course Description
Code TTJ2O1 Name Transportation Technology Grade 10 Type Open Prerequisite None Return Home	This course introduces students to the service and maintenance of vehicles, aircraft, and/or watercraft. Students will develop knowledge and skills related to the construction and operation of vehicle/craft systems and learn maintenance and repair techniques. Student projects may include the construction of a self-propelled vehicle or craft, engine service, tire/wheel service, electrical/battery service, and proper body care. Students will develop an awareness of related environmental and societal issues and will explore secondary and postsecondary pathways leading to careers in the transportation industry. In this course, students will explore vehicle systems and components, perform vehicle maintenance on school and staff vehicles such as oil changes, brakes, suspension systems and tire maintenance. Students will have the opportunity to design a vehicle prototype.
Code TTJ3C1 Name Transportation Technology Grade 11 Type College Prerequisite None Return Home	This course enables students to develop technical knowledge and skills as they study, test, service, and repair engine, electrical, suspension, brake, and steering systems on vehicles, aircraft, and/or watercraft. Students will develop communication and teamwork skills through practical tasks, using a variety of tools and equipment. Students will develop an awareness of environmental and societal issues related to transportation and will learn about apprenticeships and college programs leading to careers in the transportation industry. In this course, students will expand their knowledge on engine systems, vehicle fuel injection, vehicle emissions and suspension systems. Students will disassemble and reassemble a full sized vehicle engine and compare it to factory specifications. Students will expand on the vehicle design prototype for the hybrid/electric vehicle.
Code TTJ3O1 Name Vehicle Ownership Grade 11 Type Open Prerequisite None Return Home	This general interest course enables students to become familiar with the options and features of various vehicles, issues of registration, and the legal requirements affecting vehicle owners. Students will also learn about vehicle financing and insurance, vehicle maintenance, emergency procedures, and the responsibilities of being a vehicle owner. Students will develop an awareness of environmental and societal issues related to vehicle ownership and use, and will explore career opportunities in the transportation industry. In this course, students will explore the costs and required maintenance of owning their own vehicle. Students will perform basic vehicle maintenance such as tire rotation, oil changes, wiper blade replacement and service.
Code TTJ4E1 Name Vehicle Maintenance Grade 12 Type Workplace Prerequisite None Return Home	This course introduces students to the servicing, repair, and maintenance of vehicles through practical applications. The course is appropriate for all students as a general interest course to prepare them for future vehicle operation, care, and maintenance or for entry into an apprenticeship in the motive power trades. Students will develop an awareness of environmental and societal issues related to transportation, and will learn about careers in the transportation industry and the skills and training required for them. In this course, students will learn vehicle diagnostic and maintenance procedures for current vehicles such as suspension repair and replacement, engine repair and replacement to prepare them for an apprenticeship in the trades.
Code TTJ4C1 Name Transportation Technology Grade 12 Type College	This course enables students to further develop technical knowledge and skills as they study, test, service, and repair engine management systems; power trains; steering/control, suspension, brake, and body systems on vehicles, aircraft, and/or watercraft; and/or small engine products. Students will refine communication and teamwork skills through practical

Course Calendar, Grade 10-12

Prerequisite TTJ3C1 Return Home	tasks, using a variety of tools and equipment. Students will expand their awareness of environmental and societal issues related to transportation and their knowledge of apprenticeship and college programs leading to careers in the transportation industry. In this course, students will learn advanced vehicle diagnostics, vehicle emissions, vehicle restoration, modification and fabrication. These skills will be related directly to the electric hybrid vehicle project.
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Educational Plan			
“Begin with the end in mind”			
Grade 9 Year 1 8 credits	Grade 10 Year 2 8 credits	Grade 11 Year 3 8 credits	Grade 12 Year 4 6 credits
1. English	1. English	1. English	1. English
2. Math	2. Math	2. Math	2.
3. Science	3. Science	3. Group 1 (any grade)	3.
4. Geography	4. History	4. Group 2 (any grade)	4.
5. French	5. Civics and Careers	5. Group 3 (any grade)	5.
6. Art (can be taken any year)	6.	6.	6.
7. Phys-Ed (can be taken any year)	7.	7.	
8. Tech (must be taken in grade 9 or 10)	8.	8.	

30 Credits are needed for an Ontario Secondary School Diploma

There are 19 compulsory courses that are ministry required:

- • 13 of the 19 are highlighted in orange.
- • 1 physical education credit (often taken in grade 9 but not required to be)
- 1 technological education credit (must be a grade 9 or 10 course)
- 1 arts credit (often taken in grade 9 but not required to be. *(However it is important to keep in mind that many of the upper year arts courses do require a grade 9 or 10 course as a prerequisite).*)
- 1 credit from a group 1:
 - One additional credit in English, or French as a second language, or a Native language, or a Classical or an International language, or Social Sciences & Humanities, or Canadian & World Studies, or Guidance and Career Education, or Cooperative Education.
- 1 credit from a group 2:
 - One additional credit in Health and Physical Education, or the Arts, or Business Studies, or French as a Second language, or Cooperative Education.
- 1 credit from a group 3:
 - One additional credit in Science (grade 11 or 12), or Technological Education (grades 9-12), or French as a Second Language, or Computer Studies, or Cooperative Education.

STARTING TO THINK ABOUT POST-SECONDARY?

Get the information you need...

Personalised planning: www.myblueprint.ca/simcoe
 Ontario Universities: www.ontariouniversitiesinfo.ca
 Ontario Colleges: www.ontariocolleges.ca
 Apprenticeship: www.apprenticesearch.com
 Scholarship Info: www.scholarshipscanada.com

Reach out to guidance for help!