

INNISDALE SS - CONDENSED CALENDAR

95 Little Ave.,
Barrie, ON
L4N 2Z4
Tel: 705-726-2552
Fax: 705-726-5422

Website

<http://iss.scdsb.on.ca/>

Principal

Brian MacIsaac

Vice-Principals

Rob Poissant
Amanda Potter
Anne Tervit

Superintendent

Dean Maltby

Family of Schools

Algonquin Ridge
Allandale Heights
Assikinack
Hewitt's Creek
Hillcrest
Hyde Park
Mapleview Heights
Portage View
Warnica
Willow Landing

Student Population

1,700

School Colours

Orange, Blue

Sports Team

Invaders

2019-2020 Course Calendar

About Us

Innisdale Secondary School is an active and vibrant school located in the south end of Barrie. We offer a diversity of courses and provide unique opportunities for students to enhance their learning. Innisdale has a very wide-range of extra-curricular clubs for students, such as; Anime Club, Band, Outbound, Social Justice and Students' Council. Home of the Invaders, Innisdale participates in the Simcoe County Athletic Association and is proud to offer an excellent and extensive sports program ranging from Basketball to Ultimate Frisbee.

Important Sections

[Message to Parents](#)
[Message from Guidance](#)
[Diploma and Certificate Requirements](#)
[Types of Courses Offered in Secondary School](#)
[Specialized Programs](#)
[Course Charts and Descriptions](#)

Program Highlights

Extended French

A 7 credit program designed for those students who have successfully completed the elementary school extended French Program offered in Simcoe County

School Within a School

A unique learning environment created to meet the needs of a body of students that would benefit from an alternate learning environment

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

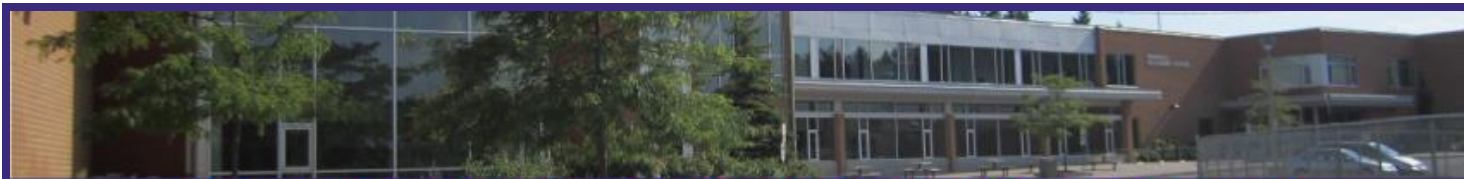
Integrated Arts

A 4 credit integrated arts program allowing students to explore connections between dance, drama, media arts, music, and/or visual arts

Specialist High Skills Majors (SHSM)

- **Chef Training (Hospitality):** Develop professional skills required in the industry such as commercial cooking equipment use and professional knife skills while helping to run our school restaurant "Bistro 124"! Obtain Industry Standard Certifications such as First Aid / CPR, the Food Handler's Certificate and Smart Serve!
- **Construction:** A two-year focus allowing a student, interested in construction, to immerse themselves in the field while earning numerous certifications along the way
- **LEAF (Enviro):** The Leadership, Environment, Adventure and Fitness (LEAF) SHSM gives students an opportunity to explore careers and develop skills required for the diverse environmental sector
- **Metalworks (Manufacturing):** The SHSM program will better equip students with knowledge and practical skills necessary for starting an apprenticeship, or to enroll in a college or university program or to enter 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.





INNISDALE SS - CONDENSED CALENDAR

Course Titles	Grade 9	Grade 10	Grade 11	Grade 12
ARTS				
Dance (Open)	ATC1O1	ATC2O1		
Dance (University/College)			ATC3M1	ATC4M1
Drama (Open)	ADA1O1	ADA2O1		
Drama (University/College)			ADA3M1	ADA4M1
Drama - Production (University/College)				
<i>These courses run in Alternate Years. Not Running in the 2019-2020 Year</i>				
Drama, Acting/Improvisation (Open)			ADD3M1	ADD4M1
Exploring the Arts (Open)			ADG3O1	
Visual Arts – Computer (Open)				AEA4O1
Media Arts (Open)	AWS1O1			
Media Arts (University/College)		ASM2O1		
Music – Instrumental (Open)			ASM3M1	ASM4M1
Music – Instrumental (University/College)	AMI1O1	AMI2O1		
Music – Vocal (Open)			AMI3M1	AMI4M1
Music – Vocal (University/College)	AMV1O1	AMV2O1	AMV3O1	AMV4M1
Music – Creating (Open)			AMV3M1	AMV4M1
Music – Creating (University/College) Coming in 2020-2021			AMC3O1	
Music – Guitar (Open)				AMC4M1
Music – Guitar (University/College)		AMG2O1	AMG3O1	
Music – Keyboard (Open)			AMG3M1	AMG4M1
Music – Repertoire (Open)		AMK2O1		
Music – Repertoire (University/College)		AMR2O1		
Visual Art (Open)			AMR3M1	AMR4M1
Visual Arts (University/College)	AVI1O1	AVI2O1	AVI3O1	AVI4M1
Visual Arts – Film/Video (Open)			AVI3M1	
Expressing Aboriginal Cultures (Open)			AWR3O1	
	NAC1O1			

Course Titles	Grade 9	Grade 10	Grade 11	Grade 12
BUSINESS				
Information and Communication Technology (grade 9 OR grade 10) (Open)	BTT1O1	BTT2O1		
Introduction to Business (grade 9 OR grade 10) (Open)	BBI1O1	BBI2O1		
Entrepreneurial Studies: Venture Planning (College)			BDI3C1	
Financial Accounting Fundamentals (University/College)			BAF3M1	
Financial Accounting Principles (University/College)				BAT4M1
Marketing: Goods, Services, and Events (College)			BBI3C1	
Business Leadership: Management Fundamentals (University/College)				BOH4M1

Course Titles	Grade 9	Grade 10	Grade 11	Grade 12
CANADIAN & WORLD STUDIES				
Issues in Canadian Geography (Modified Applied)	CGC1PB			
Issues in Canadian Geography (Applied)	CGC1P1			
Issues in Canadian Geography (Academic)	CGC1D1			
Géographie Française (Academic - Extended French)	CGC1DE			
Travel and Tourism: A Geographic Perspective (Open)			CGG3O1	
Forces of Nature: Physical Processes and Disasters (University/College)			CGF3M1	
The Environment and Resource Management eLEARN (University/College)				CGR4MV
Living in a Sustainable World (Workplace)				CGR4E1
World Issues: A Geographic Analysis (University)				CGW4U1
World Issues: A Geographic Analysis eLEARN (University)				CGW4UV
Canadian History since World War I (Locally developed)		CHC2LL		
Canadian History since World War I (Applied)		CHC2P1		
Canadian History since World War I (Academic)		CHC2D1		
Histoire du Canada Depuis la Première Guerre Mondiale (Academic - Ext. French)		CHC2DE		
Civics and Citizenship (half credit taken with a half Careers) (Open)		CHV2OH		
American History (University)			CHA3U1	
World History to the End of the Fifteenth Century (University/College)			CHW3M1	
World History since the Fifteenth Century (University)				CHY4U1
World History since the Fifteenth Century Advanced Placement (University)				CHY4UP*
Understanding Everyday Law in Canada (Workplace)			CLU3E1	
Understanding Law (University/College)			CLU3M1	
Canadian and International Law (University)				CLN4U1

Course Titles	Grade 9	Grade 10	Grade 11	Grade 12
CANADIAN & WORLD STUDIES				
Analyzing Current Economic Issues (University)				CIA4U1
Canadian and International Politics (University)				CPW4U1

*The Advanced Placement (AP) course is an accelerated and advanced level program designed to meet the rigorous requirements of the American College Board examination in May, allowing students to experience university level programming while still in high school.

Course Titles	Grade 9	Grade 10	Grade 11	Grade 12
COMPUTER STUDIES				
Introduction to Computer Studies (Open)		ICS2O1		
Introduction to Computer Programming (College)			ICS3C1	
Introduction to Computer Science (University)			ICS3U1	
Computer Science (University)				ICS4U1
Computer Science - Advanced Placement (University)				ICS4UP*

*The Advanced Placement (AP) course is an accelerated and advanced level program designed to meet the rigorous requirements of the American College Board examination in May, allowing students to experience university level programming while still in high school.

Course Titles	Grade 9	Grade 10	Grade 11	Grade 12
CO-OPERATIVE EDUCATION				
Designing Your Future (2 credits) (Open)			GWL3O2	GWL3O2
Co-op – High Performance Athletes (Open)				BLOCK2H
Aquatics for Work – see <i>Special Course Packages</i> section			BLOCK2P	

Course Titles	Grade 9	Grade 10	Grade 11	Grade 12
ENGLISH				
English (Locally Developed)	ENG1LL	ENG2LL		
English (Applied)	ENG1P1	ENG2P1		
English (Academic)	ENG1D1	ENG2D1		
English (Workplace)			ENG3E1	ENG4E1
English: Contemporary Aboriginal Voices (College)			NBE3C1	
English (College)				ENG4C1
English (University)			ENG3U1	ENG4U1
Literacy Course (Open)			OLC3O1	OLC4O1
Media Studies (Open)			EMS3O1	
<i>This course runs in Alternate Years. Not Running in the 2019-2020 Year</i>				
Presentation and Speaking Skills (Open)			EPS3O1	
<i>This course runs in Alternate Years. Running in the 2019-2020 Year</i>				
Writers Craft (College)				EWC4C1
Writers Craft (University)				EWC4U1

Course Titles	Grade 9	Grade 10	Grade 11	Grade 12
FRENCH and CLASSICAL LANGUAGES				
French, (Locally Developed)	FSF14L			
Core French (Applied)	FSF1P1	FSF2P1		
Core French (Academic)	FSF1D1	FSF2D1		
Core French (Open)			FSF3O1	
Core French (University)			FSF3U1	FSF4U1
Core French Advanced Placement* (University)				FSF4UP*
Extended French (Academic)	FEF1DE	FEF2DE		
Extended French (University)			FEF3UE	FEF4UE
Extended French Advanced Placement* (University)				FEF4UP*
Latin (Academic and University)		LVLBD1	LVLBU1	LVLDU1

*The Advanced Placement (AP) courses are an accelerated and advanced level program designed to meet the rigorous requirements of the American College Board examination in May, allowing students to experience university level programming while still in high school.

Course Titles	Grade 9	Grade 10	Grade 11	Grade 12
GUIDANCE & CAREER EDUCATION & SPECIAL EDUCATION (* Only for students with an Individual Education Plan)				
Learning Strategies: Skills for Success In Secondary School	GLE1O1* GLS1O1	GLE2O1*		
Learning Strategies: Skills for Success After Secondary School			GLE3O1	GLE4O1
Career Studies (half credit taken with a half Civics and Citizenship)		GLC2OH		
Leadership and Peer Support (Open)			GPP3O1	
Leadership (University)				IDC4U1
Studies in Education (University)				IDC4UA

Course Titles	Grade 9	Grade 10	Grade 11	Grade 12
HEALTHY ACTIVE LIVING EDUCATION				
Health Active Living Education (Open) (F=female, M=male)	PPL1OF PPL1OM	PPL2OF PPL2OM	PPL3OF PPL3O1	PPL4O1
Healthy Living and Personal Fitness Activities (Open)			PAF3O1	PAF4O1
Healthy Living and Outdoor Activities (Open)		PAD2O1		

Course Titles	Grade 9	Grade 10	Grade 11	Grade 12
HEALTHY ACTIVE LIVING EDUCATION				
Éducation en Plein Air (Open), (Extended French) (Open)			PAD3OE	
Healthy Living: Basketball and Volleyball (Open)		PAI2O1		
Healthy Living: Hockey/Fitness (Open)		PAL2O1	PAL3O1	
Healthy Living: Yoga/Pilates Focus (Open)			PAI3O1	PAI4O1
Introductory Kinesiology (University)				PSK4U1

Course Titles	Grade 9	Grade 10	Grade 11	Grade 12
MATHEMATICS				
Mathematics (Locally Developed)	MAT1LL	MAT2LL		
Foundations of Mathematics (Applied)	MFM1P1	MFM2P1		
Principles of Mathematics (Academic)	MPM1D1	MPM2D1		
Mathematics for Work and Everyday Life (Workplace)			MEL3E1	MEL4E1
Foundations for College Mathematics (College)			MBF3C1	MAP4C1
Functions and Applications (University/College)			MCF3M1	
Functions (University)			MCR3U1	
Mathematics for College Technology (College)				MCT4C1
Mathematics for College Technology eLEARN (College)				MCT4CV
Advance Functions (University)				MHF4U1
Calculus and Vectors (University)				MCV4U1
Mathematics of Data Management (University)				MDM4U1

Course Titles	Grade 9	Grade 10	Grade 11	Grade 12
SCIENCE				
Science (Locally Developed or Workplace)	SNC1LL	SNC2LL		
Science (Applied)	SNC1P1	SNC2P1		
Science (Academic)	SNC1D1	SNC2D1		
Biology (College)			SBI3C1	
Biology (University)			SBI3U1	SBI4U1
Chemistry (College)				SCH4C1
Chemistry (University)			SCH3U1	SCH4U1
Physics (College)				SPH4C1
Physics (University)			SPH3U1	SPH4U1
Astronomy (Open)			IDC3O1	
Environmental Science (Workplace)			SVN3E1	
Environmental Science (University/College)			SVN3M1	
Earth and Space Science (University)				SES4U1

Course Titles	Grade 9	Grade 10	Grade 11	Grade 12
SOCIAL SCIENCE AND THE HUMANITIES				
Exploring Family Studies (grade 9 OR grade 10) (Open)	HIF1O1	HIF2O1		
Food and Nutrition (grade 9 OR grade 10) (Open)	HFN1O1	HFN2O1		
Food and Culture (Workplace)			HFC3E1	
Introduction to Anthropology (College)			HSP3C1	
Introduction to Anthropology (University)			HSP3U1	
Working with Infants and Young Children (College)			HPW3C1	
Personal Life Management (Open)				HIP4O1
Equity and Social Justice: From Theory to Practice (University/College)				HSE4M1
Equity and Social Justice: From Theory to Practice eLEARN (University/College)				HSE4MV
Challenge and Change in Society (University)				HSB4U1
Families in Canada eLEARN (College)				HHS4CV
Families in Canada (University)				HHS4U1
Families in Canada eLEARN (University)				HHS4UV
Human Development throughout the Lifespan eLEARN (University/College)				HHG4MV
Nutrition and Health eLEARN (University)				HFA4UV
Philosophy: The Big Questions (University/College)			HZB3M1	
Philosophy: Questions and Theories (University)				HZN4U1
Understanding Fashion (College)			HNC3C1	

Course Titles	Grade 9	Grade 10	Grade 11	Grade 12
FIRST NATIONS, METIS and INUIT STUDIES				
Expressing Aboriginal Cultures (Open)	NAC1O1			
Contemporary First Nations, Metis, and Inuit Issues and Perspectives (Univ./College)			NDA3M1	
Contemporary Indigenous Issues and Perspectives in a Global Context (Univ./Coll.)				NDW4M1

Course Titles	Grade 9	Grade 10	Grade 11	Grade 12
TECHNOLOGICAL EDUCATION				
Exploring Technologies (Open)	TIJ10A/B/1/F			
Communications Technology (Open)		TGJ2O1		
Communications Technology (University/College)			TGJ3M1	
Communication Technology: Interactive New Media and Animation (Univ./College)			TGI3M1	
Communication Technology: TV, Video and Movie Production (Univ./College)				TGV4M1
Computer Engineering Technology (University/College)			TEJ3M1	
Construction Technology (Open)		TCJ2O1		
Construction Technology (Workplace)			TCJ3E1	TCJ4E1
Custom Woodworking (Workplace)			TWJ3E1	TWJ4E1
Hospitality and Tourism (Open)		TFJ2O1		
Hospitality and Tourism (Workplace)			TFJ3E1	TFJ4E1
Hospitality and Tourism (College)			TFJ3C1	TFJ4C1
Manufacturing Technology (Open)		TMJ2O1		
Manufacturing Technology (Workplace)			TMJ3E1	TMJ4E1
Manufacturing Technology (College)			TMJ3C1	TMJ4C1
Technological Design (Open)		TDJ2O1		
Technological Design (University/College)			TDJ3M1	TDJ4M1
Transportation Technology (Open)		TTJ2O1		
Transportation Technology (College)			TTJ3C1	TTJ4C1

Course Titles	Grade 9	Grade 10	Grade 11	Grade 12
SPECIAL COURSE PACKAGES				
Aquatics for Work – BLOCK2P - 2 Credit Package (Open) <ul style="list-style-type: none"> Healthy Living and Aquatic Activities Cooperative Education 			PAQ3O1 GWL3OJ	
Comprehensive Biochemistry -BLOCK2B – 2 Credit Package (University) <ul style="list-style-type: none"> Biology Chemistry 				SBI4U1 SCH4U1
GEOSCI – 2 Credit Package (Applied or Academic) Block2 (Applied) <ul style="list-style-type: none"> Geography of Canada, Applied Science, Applied Block 2D (Academic) <ul style="list-style-type: none"> Geography of Canada, Academic Science, Academic 	CGC1P1 SNC1P1			
Global Perspectives – BLOCK4C - 5 Credit Package <ul style="list-style-type: none"> Art – non-traditional (Univ./College) Politics in Action: Making Change (Open) English (University) World Religions: Beliefs, Issues and Religious Traditions (Univ./College) World Issues: A Geographic Analysis (University) 	CGC1D1 SNC1D1		AWT3M1 CPC3O1 ENG3U1 HRT3M1	CGW4U1
Integrated Arts – BLOCK4A - 4 Credit Package (University/College) <i>This Program runs in Alternate Years. Running in the 2019-2020 Year</i> <ul style="list-style-type: none"> Visual Arts - Visual Design (University/College) Visual Arts – Cultural/Historical Studies (College or University) Leadership - (University) 1 Individual Arts Study Credits (to be determined in conference with the integrated arts teacher) 				AWD4M1 AWU4M1 IDC4U1 1 Individual study credit
Outdoor Education – BLOCK2C - 2 Credit Package (Open and Univ./College) <ul style="list-style-type: none"> Outdoor Activities Spatial Technologies in Action (University/College) 			PAD4O1	CGO4M1
World's Great Ideas – BLOCK2S – 2 Credit Package (University) <ul style="list-style-type: none"> English Philosophy: Questions and Theories (University) 				ENG4U1 HZE4U1
Year Book – BLOCK 2A - 2 credit Package: grade 10 open or grade 11 or 12 -mixed <ul style="list-style-type: none"> Information and Computer Design Photography 		AWE2O1 AWQ2O1	AWE3M1 AWQ3M1	AWE4M1 AWQ4M1

Course Titles	Grade 9	Grade 10	Grade 11	Grade 12
eLEARNING SCDSB. Students wishing to take one of these online courses must come to the guidance office to have the course entered onto their course selection and into the consortium.				
Sem. 1	Human Development throughout the Lifespan (University/College) Families in Canada (College) Families in Canada (University) Equity and Social Justice (University/College)			HHG4MV HHS4CV HHS4UV HSE4MV
Sem. 2	Environment and Resource Management (University/College) World Issues: A Geographic Analysis (University) Nutrition and Health (University) Mathematics for College Technology (College)			CGR4MV CGW4UV HFA4UV MCT4CV

SHSM PROGRAMS

CONSTRUCTION

Get free relevant trade certificates that are needed to work on any job location. First aid, fork lift, chain saw, working from heights to name a few. Gain valuable hands on experience with construction materials to build and create a limit less number of projects for yourself and the community. Examples include Muskoka chairs, sheds, decks, garages, electrical, plumbing, custom wood working projects, drywall, framing buildings, and your own personal project. The co-op section of the course will allow 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.

Contact Mr. Mannen (vmannen@scdsb.on.ca) or Mr. Knight (jknight@scdsb.on.ca) for more information.

Course Titles		Grade 11		Grade 12	
Major Credits* • 4 Required • At least 1 from each Grade level	Technological Education	TCJ3E1 TDJ3M1 TMJ3E1	TTJ3C1 TWJ3E1	TCJ4E1 TDJ4M1 TMJ4E1 TWJ4E1	TTJ4C1 TMD4T1 TCD4T1 TLJ4T1 TNO4T1
English+ • 1 or 2 Required	English	ENG3C1 ENG3E1	ENG3U1 OLC3O1	ENG4C1 ENG4E1	ENG4U1 OLC4O1
Mathematics+ • 1 or 2 Required	Mathematics	MBF3C1 MCR3U1	MCF3M1 MEL3E1	MAP4C1 MCT4C1 MEL4E1	MHF4U1 MCV4U1 MDM4U1
Other* • 1 Required	Business/Science/other	BAF3M1 BDI3C1 MEL3E1 OLC3O1	BMI3C1 SVN3M1 SPH3U1 SVN3E1	BOH4M1 OLC4O1 MEL4E1 GLS4O1 GLE4O1	SCH4C1 SPH4C1 SPH4U1
Co-op • 2 Credits Required	Cooperative Education • Placement related to SHSM program	GWL3O2 (2 credit)		GWL3O2 (2 credit)	

* Note: An additional coop credit can be used in place of one major credit, AND/OR the "OTHER" required credit in either science or business.

+ Workplace students are required to complete a second English credit (grade 12) in place of the 2 math requirement.

ENVIRO: LEAF

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 & Canoe Tripping
Wilderness First Aid
Leave No Trace Education
Ontario Education Leadership Centre training

LEAF also provides unique experiential learning opportunities, including rock climbing & caving, mountain biking, kayaking, dog sledding, high ropes course or Aerial Tree Top 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! Contact Mrs. Chambers (mchambers@scdsb.on.ca) or Ms. Swain (lswain@scdsb.on.ca) for more information.

Course Titles		Grade 11		Grade 12	
Major Credits* • 4 Required • At least 1 from each Grade level	Major Focus	CGG3O1 CGF3M1 EPS3O1 GPP3O1 IDC3O1 PAD3O1 PAF3O1 PAI3O1 PAL3O1	PAQ3O1 PPL3O1 SVN3E1 SBI3C1 SVN3M1 SBI3U1 SCH3U1 SPH3U1	BOH4M1 CGR4E1 CGO4M1 CGW4U1 CGR4M1 IDC4U1 PAD4O1 PAF4O1 PAI4O1	PPL4O1 PSK4U1 SPH4C1 SCH4C1 SBI4U1 SCH4U1 SPH4U1 SES4U1
English • 2 Required (one must be in grade 12)	English	ENG3C1 ENG3E1	ENG3U1 OLC3O1	ENG4C1 ENG4E1	ENG4U1 OLC4O1
Mathematics • 1	Mathematics	MBF3C1 MCR3U1	MCF3M1 MEL3E1	MAP4C1 MCT4C1 MEL4E1	MDM4U1 MHF4U1 MCV4U1
Co-op • 2 Credits Required	Cooperative Education • Placement related to SHSM program	GWL3O2 (2 credit)		GWL3O2 (2 credit)	

* Note: An additional coop credit can be used in place of one major credit.

HOSPITALITY: Chef Training

Do you enjoy cooking and baking?
 Do you want to try and compete in a culinary competition?
 Do you enjoy watching the food network?
 Do you want to get some great practical culinary experience?
 Do you want to make connections in the Hospitality industry to get a job?

The Chef Training SHSM at Innisdale Secondary School may be for you!

- Multiple Field Trips to explore the Hospitality & Tourism Industry!
- Be part of running our school restaurant "Bistro 124"!
- Develop professional skills required in the industry such as commercial cooking equipment use and professional knife skills!
- Obtain Industry Standard Certifications such as First Aid / CPR, the Food Handler's Certificate and Smart Serve!

See Chef Griffin (sgriffin@sdcsb.on.ca) or your guidance counsellor today for more information about how to apply for this program.

Course Titles		Grade 11		Grade 12	
Major Credits* • 4 Required • At least 1 from each Grade level	Technological Education	TJF3E1 TFJ3C1	HFC3E1 SCH3U1	TFJ4E1 TFJ4C1	SCH4U1 TUE4T1
English • 1	English	ENG3C1 ENG3E1	ENG3U1 OLC3O1	ENG4C1 ENG4E1	ENG4U1 OLC4O1
Mathematics • 1	Mathematics	MBF3C1 MCR3U1	MCF3M1 MEL3E1	MAP4C1 MCT4C1 MEL4E1	MDM4U1 MHF4U1
Other*+ • 1 required	Business/Science/other	BDI3C1 BMI3C1 BAF3M1 MEL3E1 OLC3O1	SBI3C1 SBI3U1 SCH3U1 SVN3E1 SVN3M1	OLC4O1 MEL4E1 GLS4O1 GLE4O1	BOH4M1 BAT4M1 SCH4C1 SBI4U1 SCH4U1
Co-op • 2 Credits Required	Cooperative Education • Placement related to SHSM program	GWL3O2 (2 credit)		GWL3O2 (2 credit)	

*Note: An additional coop credit can be used in place of one major credit, AND/OR the "OTHER" required credit in science.

MANUFACTURING: ISS Metalworks

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 will be 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, or to enroll in a college or university program or to enter 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. <https://www.skillsontario.com> 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 securing your first job, skills required early in your career, soft skills that are required keep the job and how to be a productive employee will be emphasized. Students will have opportunities to participate in company tours that expose them to the workplace environment and the current technology being used. If you would like more information please contact the guidance department or Mr. Banks cbanks@scdsb.on.ca

Course Titles		Grade 11		Grade 12	
Major Credits* • 4 Required • At least 1 from each Grade level	Technological Education	TCJ3E1 TDJ3M1 TEJ3M1	TMJ3E1 TMJ3C1	SCH4U1 SPH4U1 TCJ4E1 TDJ4M1 TMJ4E1	TMJ4C1 TNO4T TLJ4T TRB4Y TMD4T1
English • 1 or 2 Required	English	ENG3C1 ENG3E1	ENG3U1 OLC3O1	ENG4C1 ENG4E1	ENG4U1 OLC4O1
Mathematics • 1 Required	Mathematics	MBF3C1 MCR3U1	MCF3M1 MEL3E1	MAP4C1 MCT4C1 MEL4E1	MHF4U1 MCV4U1
Other*+ • 1 required	Science	MEL3E1 OLC3O1 SVN3E1	SCH3U1 SVN3M1 SPH3U1	OLC4O1 MEL4E1 GLS4O1 GLE4O1	SCH4C1 SPH4C1 SCH4U1 SPH4U1
Co-op • 2 Credits Required	Cooperative Education • Placement related to SHSM program	GWL3O2 (2 credit)		GWL3O2 (2 credit)	

Note: An additional coop credit can be used in place of one major credit, AND/OR the "OTHER" required credit in science.

+ Workplace level students are required to complete an additional credit in English (Grade 12) in place of the science requirement.

SUMMER SCHOOL COURSE OFFERINGS 2019

Any student that wishes to sign up for a summer school course will need to come down to the guidance office and meet with a counsellor in order to have the course entered into the SCDSB eLearning Consortium. Please see the list of available courses below. If this impacts course selections for next year, please ensure that your courses are adjusted accordingly.

SUMMER SCHOOL COURSES			Grade 9	Grade 10	Grade 11	Grade 12
Face to Face July 2 nd - 26 th 9 am – 3:30 pm		Applied to Academic Math Transfer (0.5 cr) Foundations for College Mathematics (College) Mathematics for College Technology (College) Functions (University) Advanced Functions (University) Calculus and Vectors (University) English as a Second Language (Open) Presentation Skills (for ESL students only) Spanish	MPM1HH		MBF3C MCR3U ESLBO LWSBO	MAP4C MCT4C MHF4U MCV4U ESLDO
eLearning July 3 rd – August 1 st	BUSINESS	International Business Fundamentals (Univ./College)				BBB4M
	ENGLISH	Literacy Course (Open) English (Workplace) English (College) English (University) Writers Craft (University)			OLC3O ENG3E ENG3C ENG3U	OLC4O ENG4E ENG4C ENG4U EWC4U
	MATH CWS	Mathematics of Data Management (University) Analysing Current Economic Issues (University)				MDM4U CIA4U
	GUIDANCE	Civics (0.5 credit) Careers (0.5 credit)		CHV2O GLC2O		
	SCIENCE	Biology (College) Biology (University) Chemistry (College) Chemistry (University) Physics (College) Physics (University)			SBI3C SBI3U SCH3U SPH3U	SBI4U SCH4C SCH4U SPH4C
EduTravel* (Website)	SOCIAL SCIENCE	Equity and Social Justice (University/College) World Cultures (University/College) Gender Studies (University/College)			HSG3M	HSE4M HSC4M
		Biology in Fiji (University) Sustainable Environments (University/College) Civics and Careers (Open) Canadian Geography (Academic)	CGC1D	CHV/GLC2O	SBI3U	CGR4M

*EduTravel is an SCDSB approved Independent Travel Company offering credit based learning opportunities during March break and in the summer, for a fee. Information and registration details are available on the Edutravel [website](#).

NIGHT SCHOOL COURSE OFFERINGS 2019-2020

Any student that wishes to sign up for a night school course will need to come down to the guidance office and meet with a counsellor in order to have the course entered into the SCDSB eLearning Consortium. Please see the list of available courses below. If this impacts course selections for next year, please ensure that your courses are adjusted accordingly.

NIGHT SCHOOL COURSES

Barrie Learning Centre

Face to face – Two nights/week.

		Course Code	Semester 1	Semester 2
Grade 11	English (Literacy)	OLC3O	Monday/Wednesday	Monday/Wednesday
	English (Workplace)	ENG3E	Monday/Wednesday	Monday/Wednesday
	English (College)	ENG3C	Monday/Wednesday	Monday/Wednesday
	English (University)	ENG3U	Monday/Wednesday	Monday/Wednesday
	Math for Work and Everyday Life (Workplace)	MEL3E	Tuesday/Thursday	Tuesday/Thursday
	Foundations for College Math (College)	MBF3C	Tuesday/Thursday	Tuesday/Thursday
	Functions Mathematics (University)	MCR3U	Tuesday/Thursday	Tuesday/Thursday
	Biology (College)	SBI3C	Monday/Wednesday	Monday/Wednesday
	Biology (University)	SBI3U	Monday/Wednesday	Monday/Wednesday
	Chemistry (University)	SCH3U	Monday/Wednesday	Monday/Wednesday
	Physics (University)	SPH3U	Monday/Wednesday	Monday/Wednesday

NIGHT SCHOOL COURSE OFFERINGS 2019-2020

Any student that wishes to sign up for a night school course will need to come down to the guidance office and meet with a counsellor in order to have the course entered into the SCDSB eLearning Consortium. Please see the list of available courses below. If this impacts course selections for next year, please ensure that your courses are adjusted accordingly.

NIGHT SCHOOL COURSES

Barrie Learning Centre

Face to face – Two nights/week.

	Course	Course Code	Semester 1	Semester 2
Grade 12	English (Literacy) (Open)	OLC4O	Monday/Wednesday	Monday/Wednesday
	English (Workplace)	ENG4E	Monday/Wednesday	Monday/Wednesday
	English (College)	ENG4C	Monday/Wednesday	Tuesday/Thursday
	English (University)	ENG4U	Monday/Wednesday	Tuesday/Thursday
	Math (Workplace)	MEL4E	Tuesday/Thursday	Tuesday/Thursday
	Math (College)	MAP4C	Tuesday/Thursday	Tuesday/Thursday
	Math for College Tech (College)	MCT4C	Tuesday/Thursday	Tuesday/Thursday
	Advanced Functions (University)	MHF4U	Tuesday/Thursday	Tuesday/Thursday
	Calculus (University)	MCV4U		Tuesday/Thursday
	Data Management (University)	MDM4U		Tuesday/Thursday
	Biology (University)	SBI4U	Monday/Wednesday	Monday/Wednesday
	Chemistry (College)	SCH4C	Monday/Wednesday	Monday/Wednesday
	Chemistry (University)	SCH4U		Monday/Wednesday
	Physics (College)	SPH4C	Monday/Wednesday	
	Physics (University)	SPH4U		Monday/Wednesday
	Equity & Social Justice: Theory to Practice (Uni/College)	HSE4M	Tuesday/Thursday	
	World Cultures (Univ./College)	HSC4M		Monday/Wednesday

WORKING PARTNERSHIP

School Goals and Philosophy

Innisdale believes in the importance and value of completing a secondary school education. We are dedicated to reaching every student to help them achieve a successful outcome from their secondary school experience. The Student Success Team is committed to offering every student the opportunity to learn in a safe and supportive environment. We promote positive transitions from elementary to secondary school through to post-secondary destinations, while providing opportunities for positive adult mentorship. To ensure high quality learning and a program customized to student skills and interests, Innisdale, offers a variety of courses designed under the Ontario Secondary School guidelines to meet the graduation needs of all students along with support for their goals of employment and post-secondary education. Our goal is improved achievement for all students with a focus on literacy, numeracy and mental health.

Students

Students have many responsibilities with regard to their learning. Students who make the effort required to succeed in school and who are able to apply themselves will soon discover that there is a direct relationship between this effort and their achievement. Mastering the concepts and skills connected with secondary school curriculum requires work, study, and the development of cooperative skills. Students who are experiencing difficulties are encouraged to first speak with their classroom teacher to discuss opportunities for additional support. Further support is offered from our student success team and community agencies that work closely with the school. It has also been found that students who actively pursue opportunities outside the classroom will extend and enrich their education. Students who fail courses or choose to withdraw from a course may jeopardize their attainment of an OSSD. Regular attendance at school is critical for the student's learning and achievement of course expectations.

Parents

Parents are partners in the education of Innisdale Secondary School students. In order for your child to have a successful experience at Innisdale, we encourage a positive relationship between home and school. Studies show that students perform better in school if their parents are involved in their education. Increasing awareness will enhance parents' ability to discuss their children's work with them, to communicate with teachers, and to ask relevant questions about their children's progress. You can further help your child be successful by:

- Encouraging your child to pursue his/her interest and think for himself/herself as he/she chooses courses.
- Communicating with your child's teacher if you have questions about a course and marking your calendar to attend the parent/teacher interview night.
- Encouraging your child to get involved in co-curricular activities.
- Insisting upon excellent attendance for your child.
- Supervising homework and checking that it is complete.

Parents can stay informed about the calendar of events by visiting the [School Website: www.iss.scdsb.on.ca](http://www.iss.scdsb.on.ca) and selecting "calendar" on the main page.



Attendance

The Ministry of education requires that students remain in secondary school until the student has reached the age of 18, or obtained an Ontario Secondary School Diploma (OSSD). Regular attendance leads to success in school and prepares students for the expectations they will meet at work. Parents can assist by ensuring that students are absent only for medical or emergency reasons and informing the school by calling the attendance office at 705-725-2552 (press 1), sending in a note, or emailing issattendance@scdsb.on.ca.

Code of Conduct

Innisdale's Code of Conduct outlines expected standards of behaviour and student discipline procedures and can be found on the Innisdale website or by [clicking here](#). For the SCDSB Code of conduct, [click here](#).

Safe School's Policy

The Simcoe County District School Board (SCDSB) recognizes that all members of the school community have the right to be safe and to feel safe in their school community. With this right comes the responsibility to contribute to a positive school climate. To learn more about the SCDSB Safe and Healthy Schools Policy, [click here](#).

MESSAGE FROM GUIDANCE

Innisdale is committed to reach every student to help him or her complete a secondary education and 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 (www.myblueprint.ca/simcoe) 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 level changes, openings in classes and pre-requisite problems. Changes will be made with proper paperwork 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 Grades 9 or 10 or for ESL/ESD courses. Any Grade 11 or Grade 12 course completed, dropped or failed will appear on a student transcript along with the marks earned in the program. If a student repeats a course previously attempted successfully, both courses will appear on the transcript. Credits are earned only on the first successful attempt. Full disclosure will take effect five instructional days following the distribution of the November and April mid-semester report cards.

DIPLOMA AND CERTIFICATE REQUIREMENTS

Definition of a Credit

A credit is granted in recognition of the successful completion of a course that has been scheduled for a minimum of 110 hours. A half credit may be granted for each 55-hour part of a 110-hour ministry developed course. Credits are granted to students by the principal of a secondary school on behalf of the Minister of Education.

Requirements for the Ontario Secondary School Diploma (OSSD)

Students earn an OSSD when they:

1. successfully complete 30 credits: 18 compulsory and 12 optional
2. complete 40 hours of community involvement activities
3. successfully complete the literacy requirement through the Ontario Secondary School Literacy Test or the Ontario Secondary School Literacy Course

1. Compulsory Credits (18)

- 4 credits in English (1 credit per grade)
 - The Ontario Secondary School Literacy Course (OSSLC) may be used to meet either the Grade 11 or the Grade 12 English compulsory credit requirement.
 - For English language learners the requirement may be met through earning a maximum of 3 credits in English as a second Language (ESL) or English literacy development (ELD); the fourth credit must be a Grade 12 compulsory English course.
- 3 credits in Math (at least one in credit in grade 11 or 12)
- 2 credits in science
- 1 credit in Canadian history
- 1 credit in Canadian geography
- 1 credit in the arts
- 1 credit in Health and Physical Education
- 1 credit in French as a second language
- 0.5 credit in Career studies
- 0.5 credit in Civics
- Plus 1 credit from each of the following groups:
 - 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 and the humanities, or Canadian and world studies, or guidance and career education, or cooperative education
 - 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
 - Group 3*: One additional credit in science (Grade 11 or 12) or technological education (Grade 9-12) or French as a second language, or computer studies, or cooperative education.

*Note:

- A maximum of 3 credits in English as a second language (ESL) or English literacy development (ELD) may be counted towards the 4 compulsory credits in English. The fourth must be a credit earned for a Grade 12 compulsory English course (e.g., ESLAO, ESLBO, ESLCO, and any one of ENG4E, ENG4C or ENG4U).
- In groups 1, 2, and 3, a maximum of 2 credits in French as a second language can count as compulsory credits, one from group 1 and one from either group 2 or group 3.
- A maximum of 2 credits in cooperative education can count as compulsory credits.
- The 12 optional credits may include up to 4 credits earned through approved external or dual credit courses.

2. Community Service Hours

Students must complete 40 hours of community involvement. Effective July 1, 2011, 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 the board website by clicking [Community Involvement](#).

3. Ontario Secondary School Literacy Test (OSSLT)

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.

Ontario Secondary School Literacy Test (OSSLT)

The OSSLT is based on the expectations for reading and writing across subjects in the Ontario Curriculum up to the end of Grade 9. The test will determine who has attained the provincial expectations for literacy. It will identify areas for remediation for students who are unsuccessful in completing the test. School boards are required to provide remedial assistance following the test for students who require it. The literacy test may not be retaken once it has been successfully completed. More information on the OSSLT, can be found on the Ministry of Education's website under [Student Resources](#) or [Parent Resources](#).

Ontario Secondary School Literacy Course (OSSLC)

The Ontario Secondary School Literacy Course has been developed to provide students who have been unsuccessful on the OSSLT with intensive support and an alternative means of demonstrating the required reading and writing competencies. Students who have had the opportunity to write the OSSLT at least once and who have been unsuccessful are eligible to take the OSSLC.

Successful completion of this course at either the Grade 11 level (OLC 30) or Grade 12 level (OLC 40) will enable students to satisfy the literacy requirement for graduation and may be used to meet the compulsory requirement for English at that grade level (as well as the Group 1 requirement). Course expectations cannot be modified but accommodations may be made for students who have an IEP to strengthen students' reading and writing skills. Students who are receiving special education programs or services, and have an IEP documenting required accommodations when taking the OSSLT, may be eligible to enroll directly in the OSSLC without having failed the OSSLT at least once if, owing to unforeseen circumstances, these accommodations were not available on the day the OSSLT is administered. In such cases, the student must have been present to take the test, but the required accommodations, or a reasonable alternative to them, were unavailable to the student during the whole test or part of the test.

Requirements for the 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)
<ul style="list-style-type: none">2 credits in English1 credit in Canadian Geography <u>or</u> history1 credit in mathematics1 credit in science1 credit in health and physical education1 credit in the arts, technological education or computer studies	7 credits selected by the student from available courses

Note: Students are not required to complete Community Involvement Hours or pass the OSSLT.

Ontario Secondary School Certificate of Accomplishment (OCA)

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

Types of Courses: Grades 9 and 10

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

- *Academic* courses lead to university/college and university courses in senior grades.
- *Applied* courses lead to college and workplace courses.
- *Locally Developed* courses may be offered for students who are working below grade level. These courses are intended to enable students to gain the necessary skills required to be successful in applied and workplace level courses. Locally developed courses are courses that meet educational needs not met by provincial curriculum policy documents. 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.

Types of Courses: Grades 11 and 12

In Grade 11 and 12, courses are offered to prepare students for their post-secondary destinations:

- 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 level courses as a minimum.
- Workplace courses prepare students for direct entry into the workplace or admission to some apprenticeship programs and other 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 (available online) 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. More information about specialized programs can be found on the [SCDSB Board Website](#).

Specialist High Skills Major (SHSM)

A Specialist High Skills Major (SHSM) is a specialized program approved by the Ministry of Education that provides students with courses and activities that focus on a specific work-related sector. A Specialist High Skills Major enables students to customize their high school experience to suit their interests and talents and prepare for a successful postsecondary transition to apprenticeship training, college, university, or employment, while meeting the requirements of the Ontario Secondary School Diploma (OSSD). The major enables students to gain the sector-identified preparatory credits, skills and knowledge, and make informed career decisions. This makes the learning environment more engaging for students, focuses them on graduation and prepares them to pursue their career goals. A student may exit the SHSM before completion without jeopardizing progress towards the OSSD, retaining credits and certifications earned up to that point. For more information on SHSM, as well as the programs being offered in the Board, go to myshsm.com.

Construction High Skills Major

Students interested in the Construction trades will enjoy this major. This program enables students to earn their Specialist High Skills Major (SHSM) through residential construction. Included within the construction course is the opportunity for students to practice their building skills through construction of decks, sheds, renovations, foundations and other real construction jobs built on site. Students complete their cooperative education credits by working with local contractors in the school community. For more information review the [Construction SHSM](#) Information in this booklet.

Enviro: LEAF Specialist High Skills Major

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 and be provided unique experiential learning opportunities. For more information review the [Enviro: Leaf SHSM](#) Information in this booklet.

Hospitality: Chef Training Specialist High Skills Major

Do you enjoy cooking and baking, watching the food network, hoping to gain some great practical culinary experience? The Chef Training SHSM at Innisdale Secondary School may be for you! Multiple Field Trips to explore the Hospitality & Tourism Industry! Be part of running our school restaurant "Bistro 124"! Develop professional skills required in the industry such as commercial cooking equipment use and professional knife skills! Obtain Industry Standard Certifications. For more information review the [Hospitality: Chef Training SHSM](#) Information in this booklet.

Manufacturing: MetalWorks Specialist High Skills Major

The SHSM program will better equip students with knowledge and practical skills necessary for starting an apprenticeship, or to enroll in a college or university program or to enter 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. 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 other students because of opportunities that will be earned will enrolled in this program. For more information review the [Manufacturing: ISS Metalworks SHSM](#) Information in this booklet.

Dual Credit Programs

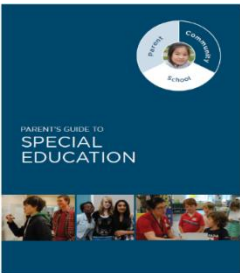
Dual credits give selected students the opportunity to sample post-secondary education, work in college labs, experience a new environment and build self-confidence. Students take a college level credit delivered by college faculty. If successful, they are granted both a college credit and a secondary school credit. For more information, contact your school's Guidance or Student Success Department or go to [Student Success Programs](#) on the SCDSB website.

Ontario Youth Apprenticeship Program

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

OYAP is available to full-time students who have a minimum of 16 credits and are at least 16 years of age. Specific programs may have additional academic requirements. For more information, please visit www.oyp.com or contact: Elaine McLachlin, OYAP Coordinator, Simcoe County District School Board, emclachlin@scdsb.on.ca. To view a 30-second video about OYAP's opportunities for students, please visit the SCDSB YouTube channel at <http://youtu.be/dcarOAhX9k>.

SPECIALIZED EDUCATION



Programs Available to Students with Special Education Needs. "Every student can learn, just not on the same day, or the same way." George Evans

The SCDSB is committed to working with parents/guardians and communities to support all SCDSB students reach their full potential. The SCDSB provides special education supports 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 which has the county class.

The [Parent's Guide to Special Education](#) provides information about special education programs that support students in meeting their personal education pathway goals. Additional information can be found on the [SCDSB website](#) or by contacting the Special Education Department at Innisdale.

SCDSB Website

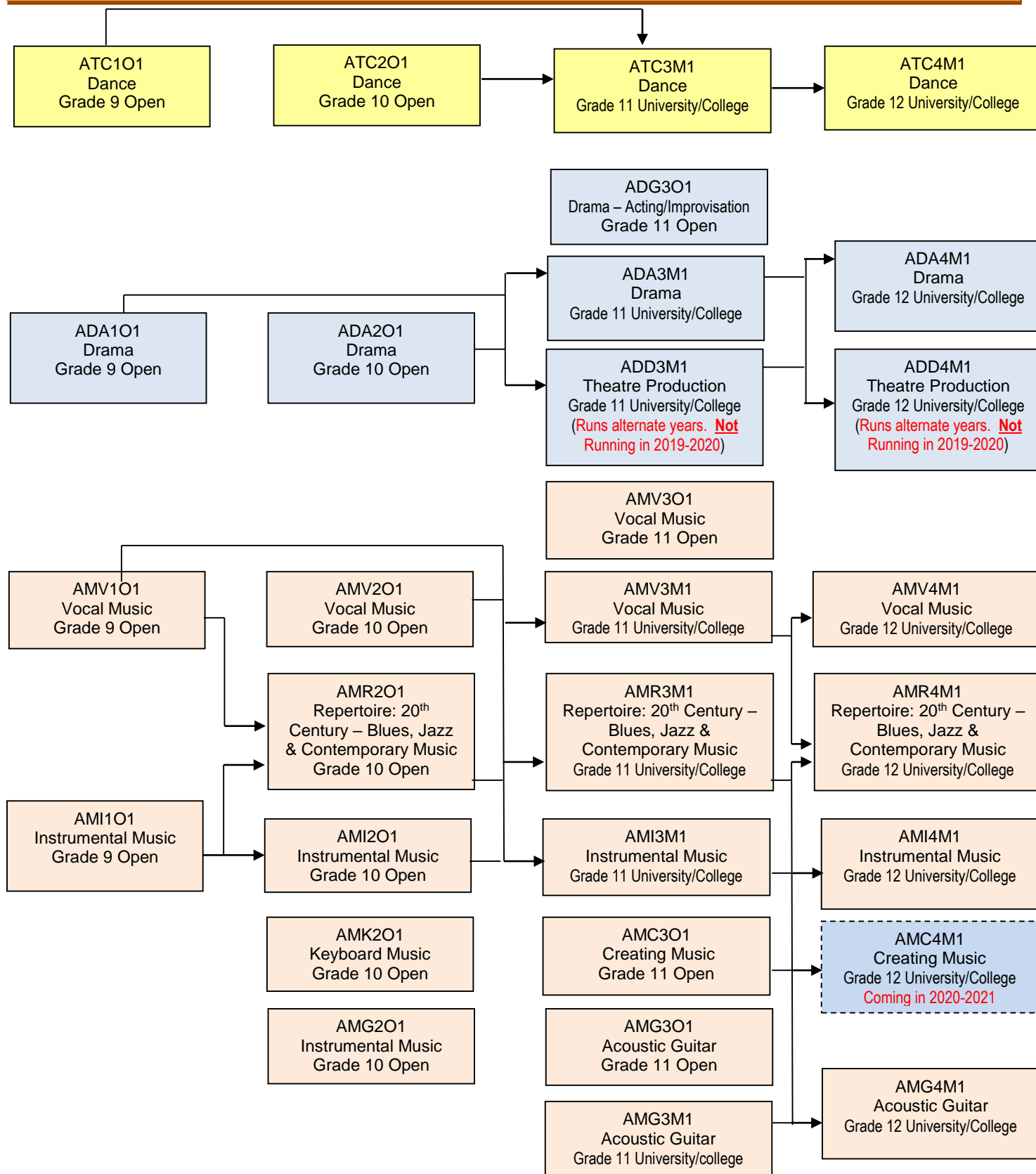
The Simcoe County District School Board (SCDSB) mission is to inspire and empower learning for life, and our vision is a community of learners achieving full potential. We believe in the importance and value of regular and ongoing planning in collaboration with parents, students and staff to ensure that every learner reaches his or her full potential to become a responsible and contributing member of our ever-changing global society.

The SCDSB's Secondary School public website, Secondary page provides parents 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 [click here](#).

COURSE CHARTS and DESCRIPTIONS

All course descriptions are taken from the ministry of education curriculum documents. Please note, however, that if there is a **red** sentence following the ministry description, it is specific to Innisdale to provide further understanding of the course curriculum.

THE ARTS (Visual Arts on Separate Chart)



DANCE

[Click here to return to the ARTS summary](#)

ATC1O1: Dance, Grade 9, Open

This course gives students the opportunity to explore their technical and compositional skills by applying the elements of dance and the tools of composition in a variety of performance situations. Students will generate movement through structured and unstructured improvisation, demonstrate an understanding of safe practices with regard to themselves and others in the dance environment, and identify the function and significance of dance within the global community. *Note: Dancewear is required and may be provided on loan or may be purchased by the student.*

Prerequisite: None

ATC2O1: Dance, Grade 10, Open

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

Note: Dancewear is required and may be provided on loan or may be purchased by the student.

Prerequisite: None

ATC3M1: Dance, Grade 11, University/College

This course emphasizes the development of students' artistry, improvisational and compositional skills, and technical proficiency in global dance genres. Students will apply dance elements, techniques, and tools in a variety of ways, including performance situations; describe and model responsible practices related to the dance environment; and reflect on how the study of dance affects personal and artistic development. *Note: Dancewear is required and may be provided on loan or may be purchased by the student.*

Prerequisite: Dance, Grade 9 or 10, Open

ATC4M1: Dance, Grade 12, University/College

This course emphasizes the development of students' technical proficiency, fluency in the language of movement in global dance genres, and understanding of the dance sciences. Students will explain the social, cultural, and historical contexts of dance; apply the creative process through the art of dance in a variety of ways; and exhibit an understanding of the purpose and possibilities of continuing engagement in the arts as a lifelong learner. *Note: Dancewear is required and may be provided on loan or may be purchased by the student.*

Prerequisite: Dance, Grade 11, University/College

DRAMA

[Click here to return to the ARTS summary](#)

ADA1O1: Drama, Grade 9, Open

This course provides opportunities for students to explore dramatic forms and techniques, using material from a wide range of sources and cultures. Students will use the elements of drama to examine situations and issues that are relevant to their lives. Students will create, perform, discuss, and analyze drama, and then reflect on the experiences to develop an understanding of themselves, the art form, and the world around them.

Prerequisite: None

ADA2O1: Drama, Grade 10, Open

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

Prerequisite: None

ADA3M1: Drama, Grade 11, University/College

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.

Prerequisite: Drama, Grade 9 or 10, Open

ADG3O1: Drama, Acting/Improvisation, Grade 11, Open

[Click here to return to the ARTS summary](#)

This course requires students to engage in dramatic processes and the presentation of dramatic works, and emphasizes the application of drama skills in other contexts and opportunities. Students will interpret and present works in a variety of dramatic forms, create and script original works, and critically analyze the processes involved in producing drama works. Students will develop a variety of skills related to collaboration and the presentation of drama works. This course provides an in-depth exploration of improvisation as a vehicle for drama development, theatrical presentation and actor training. Students apply their skills in the development of comic and serious improvised scenes. They analyze scene structures and the historical use of improvisation in the development of theatre for socio-political and entertainment purposes. Students experiment with long forms of improvisation to develop a final presentation.

Prerequisite: None

ADA4M1: Drama, Grade 12, University/College

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.

Prerequisite: Drama, Grade 11, University/College Preparation

Note: Experienced and highly motivated visual art students with no drama background are encouraged to apply for permission to take the course directly through their visual art teacher.

ADD3M1: Theatre Production, Grade 11, University/College Preparation (Not Running in the 2019-2020 School Year)

ADD4M1: Theatre Production, Grade 12, University/College Preparation (Not Running in the 2019-2020 School Year)

These courses require students to create, rehearse and perform a major theatrical production (musical or non-musical) for the public. A substantial out-of-class time commitment is a major requirement for success. Expectations: All students must complete written and practical theory work based on the acquisition and development of techniques needed for their main role in the play, and additionally, the exploration of a secondary role from the following areas: set design and scenery painting, stage management, props and costume creation, publicity, lighting and sound production. Dedication and professionalism must be demonstrated by attending all out of school rehearsals and performances so that appropriate adjustments can be made to other commitments such as work and team/club schedules.

ADD3M1 Prerequisite: Dramatic Arts, Grade 9 and/or Grade 10.

ADD4M1 Prerequisite: ADD3M1 or ADA3M1.

Preparatory Courses: Additional Drama, Vocal Music, Dance or Visual Art courses

Note: Experienced or highly motivated visual art students with no drama background are encouraged to apply for permission to take the course directly through their visual art teacher

MEDIA ARTS

[Click here to return to the ARTS summary](#)

Grade 9 Media Arts can be found under [AWS101: Visual Arts – Digital Media, Open](#)

ASM201: Media Arts, Grade 10, Open[Click here to return to the ARTS summary](#)

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

Prerequisite: None

ASM3M1: Media Arts, Grade 11, University/College

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

Prerequisite: Media Arts, Grade 10, Open, or Visual Arts, Grade 10 Open

ASM4M1: Media Arts, Grade 12, University/College

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

Prerequisite: Media Arts, Grade 11.

MUSIC - GRADE 9[Click here to return to the ARTS summary](#)

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

AMV1O1: Music, Vocal/Choral, Grade 9, Open

Vocal music will appeal to students who enjoy singing and want to learn more about it! This course emphasizes 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.

AMI1O1: Instrumental - Band, Grade 9, Open

Learn to play an instrument! Whether you're 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.

MUSIC – GRADE 10[Click here to return to the ARTS summary](#)

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

AMV2O1: Music, Vocal/Choral, Grade 10, Open

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.

AMI2O1: Music, Instrumental, Grade 10, Open

Students will continue their study of a woodwind, brass or percussion instrument with opportunities to create and record using computer technology. Preparatory Course: AMI1O

AMK2O1: Music, Keyboard, Grade 10, Open

Students work on individual programs at their own level and pace on the keyboard. Music selections include many popular pieces.

AMG2O1: Music, Acoustic Guitar, Grade 10, Open

Students will learn basic guitar techniques in this course including melody picking, providing chordal accompaniments and reading notated music.

AMR2O1: Music Repertoire: 20th Century – Blues, Jazz & Contemporary Music, Grade 10, Open

This performance-based course provides ensemble instruction for guitar, piano, vocal and instrumental music students with improvisation work. Preparatory Course: AMI1O

MUSIC – GRADE 11 OPEN[Click here to return to ARTS summary](#)

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

Strongly recommended: Grade 9 or 10 Music, Open

AMV3O1: Music, Vocal/Choral, Grade 11, Open

Students will continue to develop their singing skills by performing jazz, popular and Broadway selections with opportunities to record in the studio.

AMC3O1: Music, Creating (Digital Music Production) Grade 11, Open

New for 2018/19, Innisdale offers a revamped Creating Music course with a 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 songwriting, recording techniques, beat-making, loops, editing, and mixing. A history of recorded music will be explored leading up to analysis of recordings from today's top artists. Creative projects will be inclusive to diverse styles and genres such as pop, rock, indie, singer/songwriter, hip-hop, jazz/blues, commercial music and more!

AMG3O1: Music, Acoustic Guitar, Grade 11, Open

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.

MUSIC - Grade 11 University/College (M)

[Click here to return to the ARTS summary](#)

These courses provide 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 analyzing live and recorded performances. Students will consider the function of music in society and the impact of music on themselves and various communities and cultures. Students will analyze how to apply skills developed in music to their life and careers.

Prerequisite: Grade 9 or 10 Music, Open

AMV3M1: Music, Vocal/Choral, Grade 11, University/College

Students will perform in solo and small ensemble settings. Technical and theory skills will also be developed for the serious vocal performer.

AMI3M1: Music, Instrumental, Grade 11, University/College

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.

AMG3M1: Music, Acoustic Guitar, Grade 11, University/College

This course emphasizes the appreciation, analysis and performance of music through advanced study on acoustic guitar.

AMR3M1: Music Repertoire: 20th Century – Blues, Jazz & Contemporary Music, Grade 11, University/College

This performance-based course provides ensemble instruction for guitar, piano, vocal and instrumental music students with improvisation work.

MUSIC – GRADE 12

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

Prerequisite: Music, Grade 11, University/College

AMV4M1: Vocal/Choral, Grade 12, Music, University/College

Students will concentrate on developing their vocal performances in solo and small ensemble work through a repertoire spanning many genres of music.

AMI4M1: Music, Instrumental, Grade 12, University/College

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.

AMG4M1: Music, Acoustic Guitar, Grade 12, University/College

This course emphasizes the appreciation, analysis and performance of music through advanced study on acoustic guitar.

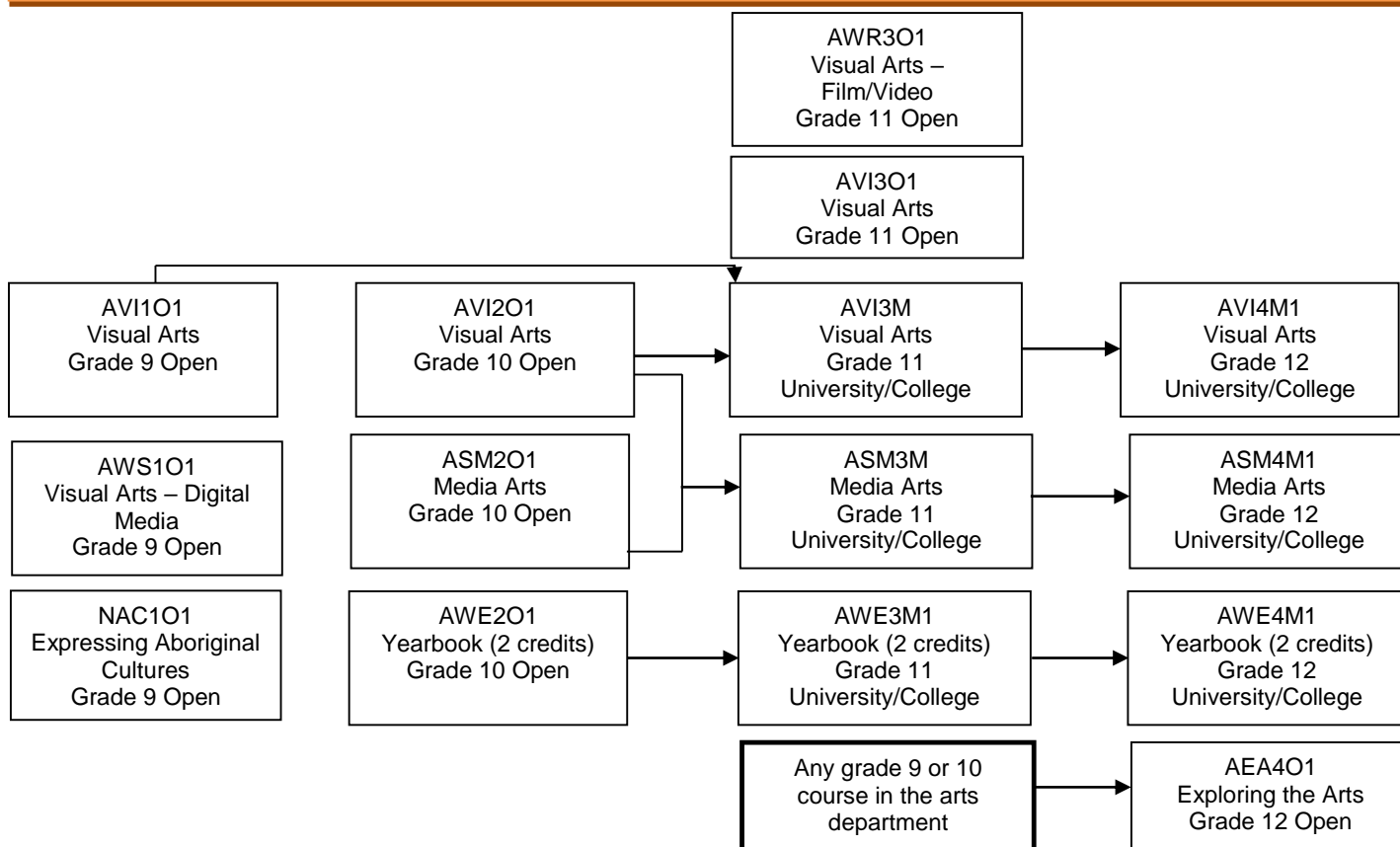
AMC4M1: Music, Creating, Grade 12, University/College, **Coming in 2020-2021**

In this advanced study of arranging and composing students will concentrate on the process of production both digitally and on MIDI.

AMR4M1: Music Repertoire: 20th Century – Blues, Jazz & Contemporary Music, Grade 12, University/College

This performance-based course provides ensemble instruction for guitar, piano, vocal and instrumental music students with improvisation work.

VISUAL ARTS



VISUAL ARTS

[Click here to return to the ARTS summary](#)

AVI101: Visual Arts, Grade 9, Open

This course is exploratory in nature, offering an overview of visual arts as a foundation for further study. Students will become familiar with the elements and principles of design and the expressive qualities of various materials by using a range of media, processes, techniques, and styles. Students will use the creative and critical analysis processes and will interpret art within a personal, contemporary, and historical context.

AWS101: Visual Arts – Digital Media, Grade 9, Open

Students will think, collaborate, compose and create with images, sounds and graphics using industry standard multimedia technologies and software.

NAC101: Expressing Aboriginal Cultures, Grade 9, Open

This course examines Aboriginal cultures in Canada through an exploration of art forms –painting, sculpture, storytelling, dance, and music – created by Aboriginal artists. Students will learn to identify Aboriginal art forms and describe relationships between the art forms and Aboriginal traditions, philosophy, and culture. Students will also create their own art forms to express their understanding of Aboriginal identity, relationships, and sovereignty.

In this specialized course, unique to Innisdale Secondary, students will divide the semester, spending one term in [Visual Arts](#) and one term in [Media Arts](#). Students will learn to compose and create with images, sounds and graphics using state of the art multimedia technologies and software as well learn to use a range of media, materials, techniques and styles in traditional visual art.

AVI201: Visual Arts, Grade 10, Open

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

Preparatory Course: AVI10 or AVI10M

AVI301: Visual Arts, Grade 11, Open

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

Strongly recommended: Grade 9 or 10 Visual Arts, Open.

AVI3M1: Visual Arts, Grade 11, University/College

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

Prerequisite: Visual Arts, Grade 9 or 10, Open.

Preparatory Course: AVI20

AWR301: Visual Arts-Film/Video, Grade 11, Open

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.

Prerequisite: None

AVI4M1: Visual Arts, Grade 12, University/College

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

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

EXPLORING THE ARTS

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AEA401: Exploring the Arts, Grade 12, Open

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

Prerequisite: Any Grade 9 or 10 course in the arts

YEARBOOK

[Click here to return to the SPECIAL COURSE PACKAGES summary](#)

BLOCK2A: Yearbook, Grade 10 Open and Grade 11/12 College/University

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 (see description under the corresponding grade Visual Arts Course above: AVI20, AVI3M, AVI4M)

AWQ2/3/4: Visual Arts – Photography (see description under the corresponding grade Visual Arts course above: AVI20, AVI3M, AVI4M)

BLOCK4A: INTEGRATED ARTS LEADERSHIP PACKAGE, Grade 12, Mixed/University

This is a four credit integrated arts program that will enable students to explore, create and produce in all areas of the arts. By integrating innovative and flexible daily schedules, successful applicants will have unlimited opportunities for a wide range of dynamic learning processes in the following areas: Independent Direction, Integrated Learning, Community Service, Career Shadowing, Demonstrations, and Social Issues and Performance. Students should click on the blue link to print off, complete and submit the [Integrated Arts Application](#).

The four credits a student will earn are:

AWD4M1: Visual Arts - Visual Design (see description under [AVI4M1](#))

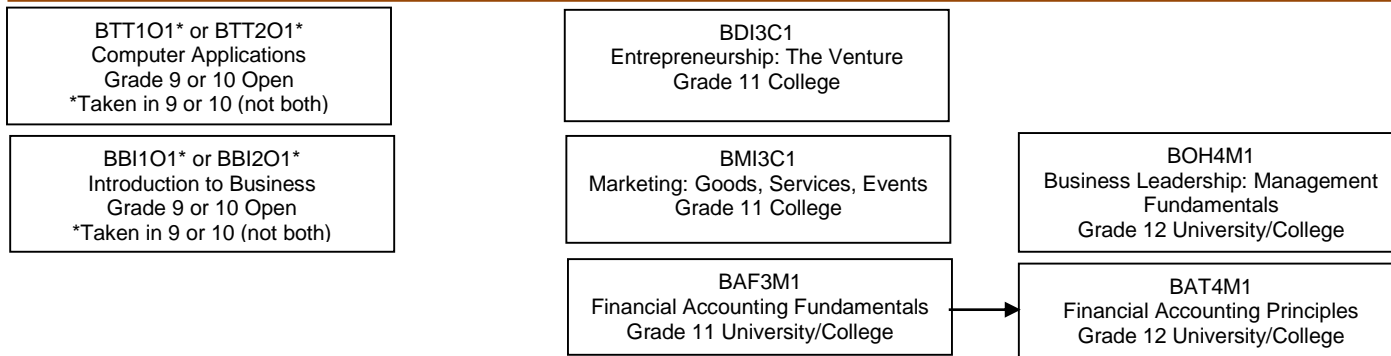
AWU4M1: Visual Arts – Cultural/Historical Studies (see description under [AVI4M1](#))

IDC4U1: Leadership (see description under [IDC4U1](#))

Individual Arts Study: This may include courses such as ADA4M, ATC4M, ASM4M, AMC4M, AVI4M, or TGV4M. *This individual Art Study course will focus on an original/leadership/creative component of their speciality and will be chosen in consultation with one of the integrated arts teachers.*

Prerequisite: A grade 11 credit in the student's Arts major **AND** any University or University/College preparation course in Canadian and World Studies, English, or Social Sciences and Humanities.

BUSINESS STUDIES


BUSINESS
[Click here to return to the BUSINESS summary](#)
BTT1O1/2O1: Information and Communication Technology in Business, Grade 9 or 10, Open

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

Note: Students may take Computer Applications as a grade 9 OR grade 10 credit only, not both

BBI1O1/2O1: Introduction to Business, Grade 9 or 10, Open

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

Note: Students may take Introduction to Business as a grade 9 OR grade 10 credit only, not both

BAF3M1: Introduction to Financial Accounting, Grade 11, University/College

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

Prerequisite: None

BDI3C1: Entrepreneurship: The Venture, Grade 11, College

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

Prerequisite: None

BMI3C1: Marketing: Goods, Services, Events, Grade 11, College
[Click here to return to the BUSINESS summary](#)

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. "Emphasis will be on the marketing of sports and entertainment product and services."

Prerequisite: None

BAT4M1: Principles of Financial Accounting, Grade 12, University/College

This course emphasizes 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.

Prerequisite: Introduction to Financial Accounting, University/College

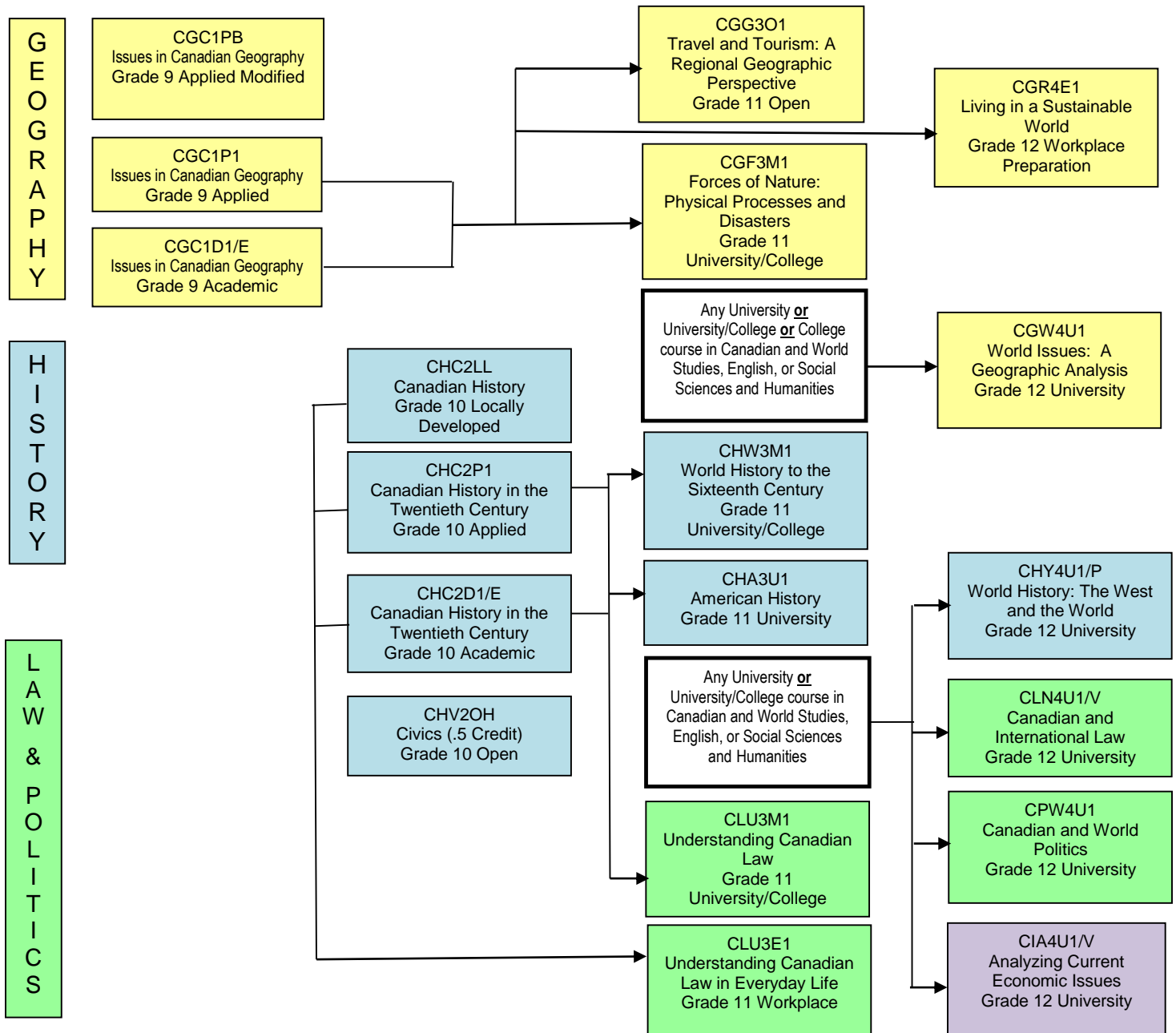
BOH4M1: Business Leadership: Management Fundamentals, Grade 12, University/College

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 emphasized throughout the course.

Prerequisite: None

CANADIAN & 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 application 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 Economics. In order to qualify for a particular certificate, students must take the following number of courses: Bronze – 3 courses, Silver – 4 courses, Gold – 5 courses, Platinum – 6 or more courses.

ECONOMICS

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CIA4U1: Analyzing Current Economic Issues, Grade 12, University

This course examines current Canadian and international economic issues, developments, policies, and practices from diverse perspectives. Students will explore the decisions that individuals and institutions, including governments, make in response to economic issues such as globalization, trade agreements, economic inequalities, regulation, and public spending. Students will apply the concepts of economic thinking and the economic inquiry process, as well as economic models and theories, to investigate, and develop informed opinions about, economic trade-offs, growth, and sustainability and related economic issues.

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

GEOGRAPHY

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CGC1PB: Issues in Canadian Geography, Grade 9, Applied Modified

This course focuses on current geographic issues that affect Canadians. Students will draw on their personal and everyday experiences as they explore issues relating to food and water supplies, competing land uses, interactions with the natural environment, and other topics relevant to sustainable living in Canada. They will also develop an awareness that issues that affect their lives in Canada are interconnected with issues in other parts of the world. Throughout the course, students will use the concepts of geographic thinking, the geographic inquiry process, and spatial technologies to guide and support their investigations.

Prerequisite: None *This Geography of Canada course is for students who are taking grade 9 courses at the locally developed level.*

CGC1P1: Issues in Canadian Geography, Grade 9, Applied

This course focuses on current geographic issues that affect Canadians. Students will draw on their personal and everyday experiences as they explore issues relating to food and water supplies, competing land uses, interactions with the natural environment, and other topics relevant to sustainable living in Canada. They will also develop an awareness that issues that affect their lives in Canada are interconnected with issues in other parts of the world. Throughout the course, students will use the concepts of geographic thinking, the geographic inquiry process, and spatial technologies to guide and support their investigations.

Prerequisite: None

CGC1D1: Issues in Canadian Geography, Grade 9, Academic

CGCIDE: Géographie Française, Extended French, Grade 9, Academic

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

Prerequisite: None

GEOSCI

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GEOSCI- Integrated Geography and Science Package, Grade 9

Block 2: CGC1P1 (Geography of Canada - applied) and SNC1P1 (Science -applied)

Block 2D: CGC1D1 (Geography of Canada - academic) and SNC1D1 (Science –academic)

The GEOSCI program appeals to students that want to extend and expand their learning to make connections beyond normal classroom curricula. This 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. Students will examine the interrelationships between humans and the environment (how we affect the environment and how the environment affects us) with focus on the spatial importance (the “where and why”). Then, 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 explain natural phenomena, as well as apply the concepts of geographical thinking and spatial skills by using technology such as Geographic Information Systems. Learning will be enhanced through experiential education opportunities by going on field trips to places like the Science Centre, Downtown Toronto, the ROM and the University of Waterloo.

CGC1P1 and CGC1D1: Geography of Canada (See description under Canadian and World Studies)

SNC1P1 and SNC1D1: Science (See description under Science)

NOTE: Students would select **BLOCK2** (for applied) or **BLOCK2D** (for academic) on the Option sheet **IN PLACE OF** individually selecting Geography and Science. If selected individually, Science and Geography can be at two different levels.

CGG3O1: Travel and Tourism: A Geographic Perspective, Grade 11, Open [Click here to return to the CANADIAN & WORLD STUDIES summary](#)

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

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

CGF3M1: Forces of Nature: Physical Processes and Disasters, Grade 11, University/College

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

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

CGR4E1: Living in a Sustainable World, Grade 12, Workplace

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

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

CGR4MV: The Environment and Resource Management, Grade 12, University/College, eLEARNING SCDSB

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

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

CGW4U1: World Issues: A Geographic Analysis, Grade 12, University [Click here to return to the CANADIAN & WORLD STUDIES summary](#)
CGW4UV: World Issues: A Geographic Analysis, Grade 12, eLEARNING SCDSB University

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

*Students have an opportunity to engage in experiential learning, traveling to **New York City** and visiting sites such as the *United Nations Headquarters* and the *National September 11 Memorial and Museum*. This course utilizes cutting edge technology such as *virtual reality* and *internet based gaming* to investigate complex world issues.*

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

Note: Students that earned this course as part of the Global Perspectives package cannot select this course individually.

HISTORY [Click here to return to the CANADIAN AND WORLD STUDIES summary](#)

CHC2LL: Canadian History, Grade 10, LDCC (Locally Developed Compulsory Credit)

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.

CHC2P1: Canadian History since World War I, Grade 10, Applied

This course focuses on the social context of historical developments and events and how they have affected the lives of people in Canada since 1914. Students will explore interactions 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.

Prerequisite: None

CHC2D1: Canadian History since World War I, Grade 10, Academic

CHC2DE: Histoire du Canada depuis la Première Guerre Mondiale, Extended French, Grade 10, Academic

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, organizations, 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.

Prerequisite: None

CHV2OH: Civics and Citizenship, Grade 10, Open (0.5 credit)

[Click here to return to the CANADIAN AND WORLD STUDIES summary](#)

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

Prerequisite: None

CHA3U1: American History, Grade 11, University

This course explores key aspects of the social, economic, and political development of the United States from precontact to the present. Students will examine the contributions of groups and individuals to the country's evolution and will explore the historical context of key issues, trends, and events that have had an impact on the United States, its identity and culture, and its role in the global community. 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 various forces that helped shape American history.

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

CHW3M1: World History to the End of the Fifteenth Century, Grade 11, University/College

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

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

CHY4U1: World History since the Fifteenth Century, Grade 12, University

CHY4UP: World History since the Fifteenth Century, Grade 12, University, Advanced Placement*

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.

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

**The Advanced Placement (AP) World History since the Fifteenth Century (CHY4UP) course is an accelerated and advanced level program designed to meet the rigorous requirements of the American College Board examination in May, allowing students to experience university level programming while still in high school.*

LAW [Click here to return to the CANADIAN AND WORLD STUDIES summary](#)

CLU3E1: Understanding Everyday Law in Canada, Grade 11, Workplace

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.

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

CLU3M1: Understanding Canadian Law, Grade 11, University/College

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

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

CLN4U1: Canadian and International Law, Grade 12, University

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.

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

POLITICS

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CPW4U1: Canadian and International Politics, Grade 12, University

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 organizations, 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.

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

GLOBAL PERSPECTIVES

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BLOCK4C: Global Perspectives Program, Grade 11,

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 and one Grade 12 course.

Prerequisite: ENG2D

ENG3U1: ENGLISH (See description under English)

CPC3O1: POLITICS IN ACTION: Making Change (See description below)

AWT3M1: Art- NON TRADITIONAL (See description for AVI3M)

HRT3M1: World Religions and Belief Traditions. Perspectives, Issues and Challenges. (See description below)

CGW4U1: Canadian and World Issues. (See description under Canadian and World Issues)

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.

Prerequisite: Canadian History since World War I, Grade 10, Academic or Applied, or a locally developed compulsory course (LDCC).

HRT3M1: World Religions and Believe Traditions: Perspectives, Issues and Challenges, Grade 11, University/College

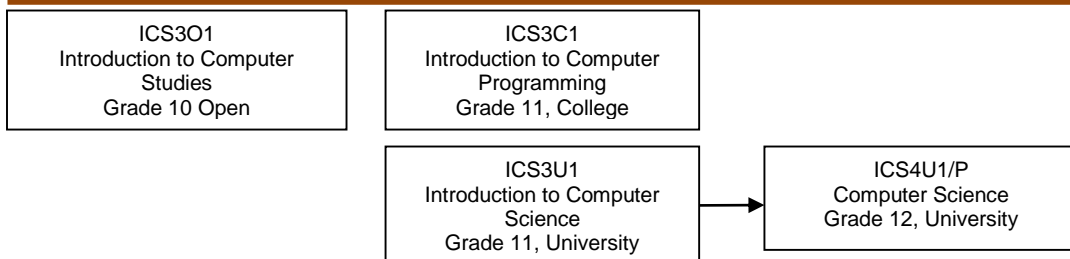
This course provides students with opportunities to explore various world religions and belief traditions. Students will develop knowledge of the terms and concepts relevant to this area of study, will examine the ways in which religions and belief traditions meet various human needs, and will learn 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 believe.

Prerequisite: None

Students choosing GLOBAL (Block4C) are **NOT** to select any of these courses separately on their option sheet for grade eleven.

For more information read through the [Global Perspectives Brochure](#) and then complete and hand in the [Global Perspectives Application Form](#).

COMPUTER STUDIES



COMPUTER STUDIES

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ICS2O1: Introduction to Computer Studies, Grade 10, Open

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

Prerequisite: None

ICS3C1: Introduction to Computer Programming, Grade 11, College

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.

Prerequisite: None

ICS3U1: Introduction to Computer Science, Grade 11, University

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

Prerequisite: None

ICS4U1: Computer Science, Grade 12, University**ICS4UP: Advanced Placement Computer Science, Grade 12, University, [Advanced Placement*](#)**

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.

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

**The Advanced Placement (AP) Computer Science (ICS4UP) course is an accelerated and advanced level program designed to meet the rigorous requirements of the American College Board examination in May, allowing students to experience university level programming while still in high school.*

COOPERATIVE EDUCATION

COOPERATIVE EDUCATION

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These courses have been designed for students to experience workplaces that directly relate to possible career choices. Co-op is a two credit package that includes pre-placement learning, on-the-job learning, and in-class integration during which the students come back to school several days each month to reflect on and reinforce their learning in the workplace. A suitable workplace learning environment is selected by the teacher, in consultation with the student, according to the student's career interest and the related courses that the student has studied in school. The work placement is monitored by a cooperative education teacher and a Personalized Placement Learning Plan (PPLP) is developed, which shows how the student's related curriculum course is being applied at his or her co-op placement.

Note: *Transportation arrangements to and from the workplace are the student's responsibility. Students may be required to provide specialized clothing (ie: work boots) or cover extras (ie: immunizations, security checks) for some placements.*

GWL3O2: Cooperative Education, Open

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

Prerequisite: None

BLOCK2H: High Performance Athlete Coop (HPA)

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. Customized programming may include elearning, personalized 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 an [High Performance Athlete Application](#) form, a [Coach Referral Form](#), a credit counselling summary and have a preplacement interview prior to acceptance into the program.

Prerequisite: Athletes training and competing with a provincial, national and/or international team

AQUATICS FOR WORK

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BLOCK2P: Aquatics for Work, Grade 11, Open

Students choosing Aquatics for Work (Block2P) are **NOT** to select any of these courses separately on their option sheet

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, 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 will be required to submit an application (available in the guidance office or the coop office) and participate in a swim test to be eligible for this program.

Prerequisite: *Students MUST be at least 16 on or before the last day of classes of the semester they are enrolled in the course.*

PAQ3O1: Healthy Living and Aquatic Activities, Grade 11, Open

See description for PPL3O1 in Health and Physical Education

GWL3OJ: Cooperative Education, Grade 11, Open

See description for GWL3O2 above

Note: *Transportation arrangements to and from the workplace are the student's responsibility. Students may be required to provide specialized clothing for some placements.*

SPECIAL COOPERATIVE EDUCATION PLACEMENTS:

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These placements have early application deadlines. Students wishing to participate in any of these opportunities need to listen to announcements and check in with the coop office **in the semester preceding the one in which the coop is desired**. Transportation to and from placement is the students responsibility.

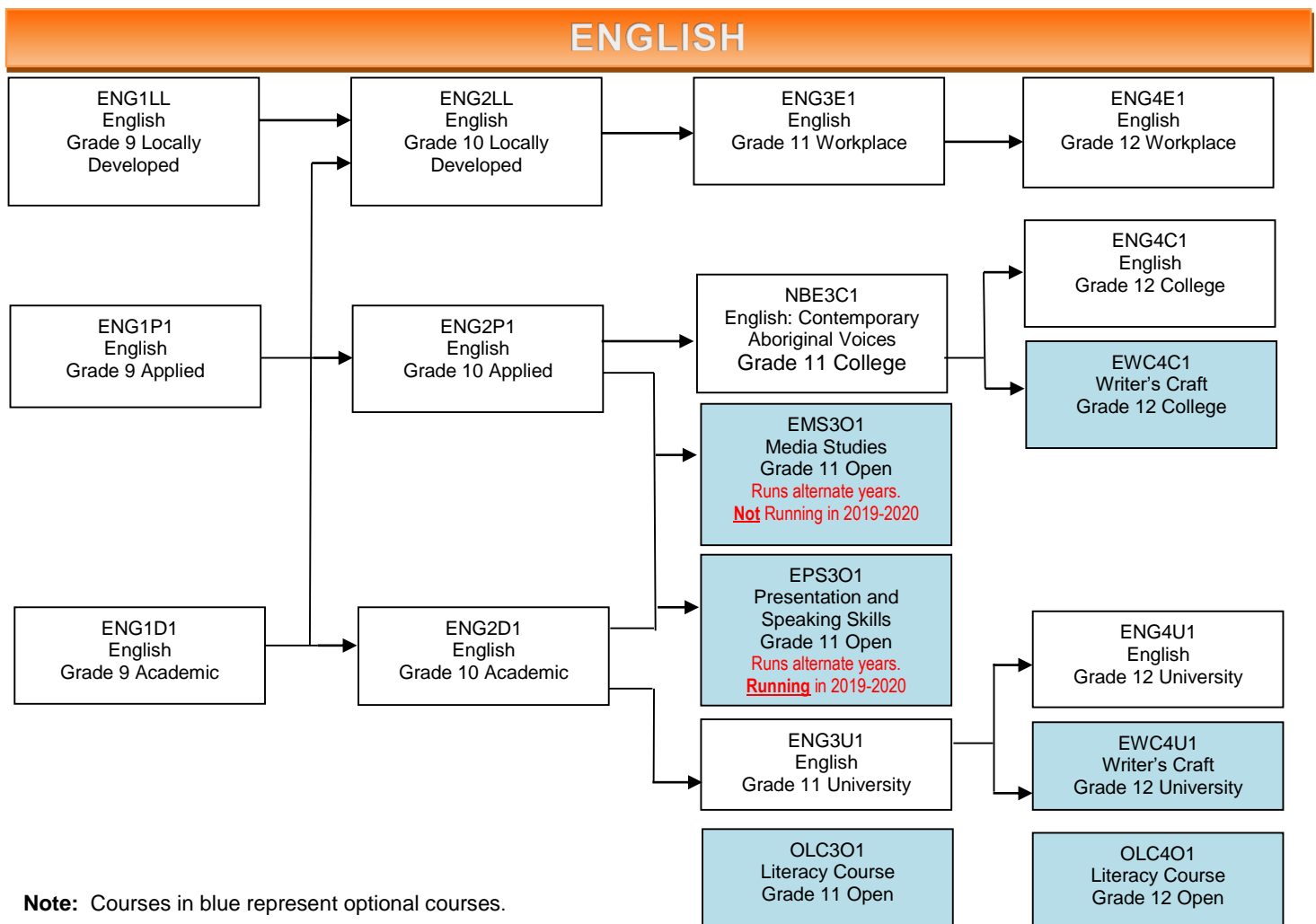
1. **MILITARY:** This is an all day, 4 credit, semester 2 coop which may involve weeknights, weekends, various locations, and can lead to paid employment. Students may engage in Basic Military training, weaponry, field survival skills, Military communication, etc.
2. **ROYAL VICTORIA REGIONAL HEALTH CENTRE:** RVH accepts coop students in both clinical and non-clinical areas of the hospital. (i.e.: Nursing, Security, Finance, Physiotherapy, maintenance, retail, etc.)
3. **POLICE:** Students will have opportunity to experience various aspects of the police force over the course of the semester. Students may be exposed to various areas of the Barrie Police facilities including Records, Service Center, Warehouse and other Law Enforcement activities.
4. **ROGERS TV:** This placement often requires the participant to spend time at placement outside the school day, and may require weekend and evening work at various locations. Students may be exposed to sound, lighting, camera, daily and evening broadcasting, both in studio and in the field, etc.

APPRENTICESHIP AND THE ONTARIO YOUTH APPRENTICESHIP PROGRAM (OYAP)

What is an Apprenticeship? Apprenticeship is hands-on training for people who enjoy learning by doing. The training provides access to well-paying jobs that demand a high level of skills, judgement and creativity. Apprentices are paid while gaining work experience.

The Ontario Youth Apprenticeship Program (OYAP) is a School to Work program that opens the door for students to explore and work in apprenticeship occupations starting in Grade 11 or Grade 12 through the Cooperative Education Program. This program is available to all full-time students who are at least 16 years old and have 16 high school credits. Students must be taking cooperative education and may be registered as an apprentice to their employer with the Ministry of Training, Colleges and Universities. All of the hours they work in co-op and any part-time work may then be credited towards their apprenticeship. Students are also placed on the trade school waiting list at the time of their registration.

Specific programs may have additional academic requirements. For more information, please visit www.oyap.com or contact: Elaine McLachlin, OYAP Coordinator, Simcoe County District School Board, emclachlin@scdsb.on.ca. To view a 30-second video about OYAP's opportunities for students, please visit the SCDSB YouTube channel at <http://youtu.be/dcarOAehX9k>.



COMPULSORY COURSES

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ENG1LL: English, Grade 9, LDCC (Locally Developed Compulsory Credit)

This course emphasizes 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.

ENG1P1: English, Grade 9, Applied

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

ENG1D1: English, Grade 9, Academic

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

ENG2LL: English, Grade 10, LDCC (Locally Developed Compulsory Credit)

This course emphasizes 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.

ENG2P1: English, Grade 10, Applied

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

Prerequisite: English, Grade 9, Academic or Applied

ENG2D1: English, Grade 10, Academic

This course is designed to extend the range of oral communication, reading, writing, and media literacy skills that students need for success in their secondary school academic programs and in their daily lives. Students will analyze literary texts from contemporary and historical periods, interpret and evaluate informational and graphic texts, and create oral, written, and media texts in a variety of forms. An important focus will be on the selective use of strategies that contribute to effective communication. This course is intended to prepare students for the compulsory Grade 11 university or college preparation course.

Prerequisite: English, Grade 9, Academic or Applied

ENG3E1: English, Grade 11, Workplace

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

Prerequisite: English, Grade 10, Applied or Locally Developed

NBE3C1: English: Contemporary Aboriginal Voices, Grade 11, College (this course fulfills the requirement for the Grade 11 College English)

This course emphasizes the development of literacy, critical thinking, and communication skills through the study of works in English by Aboriginal writers. Students will study the content, form, and style of informational texts and literary and media works, and will develop an appreciation of the wealth and complexity of Aboriginal writing. Students will also write reports, correspondence, and persuasive essays, and analyze the relationship between media forms and audiences. An important focus will be on establishing appropriate voice and using business and technical language with precision and clarity.

Prerequisite: English, Grade 10, Applied or Academic

ENG3U1: English, Grade 11, University

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

Prerequisite: English, Grade 10, Academic

ENG4E1: English, Grade 12, Workplace

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

Prerequisite: English, Grade 11, Workplace or College Preparation

ENG4C1: English, Grade 12, College

This course emphasizes 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.

Prerequisite: English, Grade 11, College or University Preparation

ENG4U1: English, Grade 12, University

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

Prerequisite: English, Grade 11, University Preparation

LITERACY COURSE

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OLC301/OLC401: Ontario Secondary School Literacy Course, Grade 11/12, Open

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

Eligibility: The student has been eligible to write the OSSLT and has been unsuccessful at least once.

OPTIONAL COURSES

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EMS301: Media Studies, Grade 11, Open (Not Running in the 2019-2020 School Year)

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

Prerequisite: English, Grade 10, Academic or Applied

EPS301: Presentation and Speaking Skills, Grade 11, Open (Running in the 2019-2020 School Year)

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

Prerequisite: English, Grade 10, Academic or Applied

EWC4C1: The Writer's Craft, Grade 12, College

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

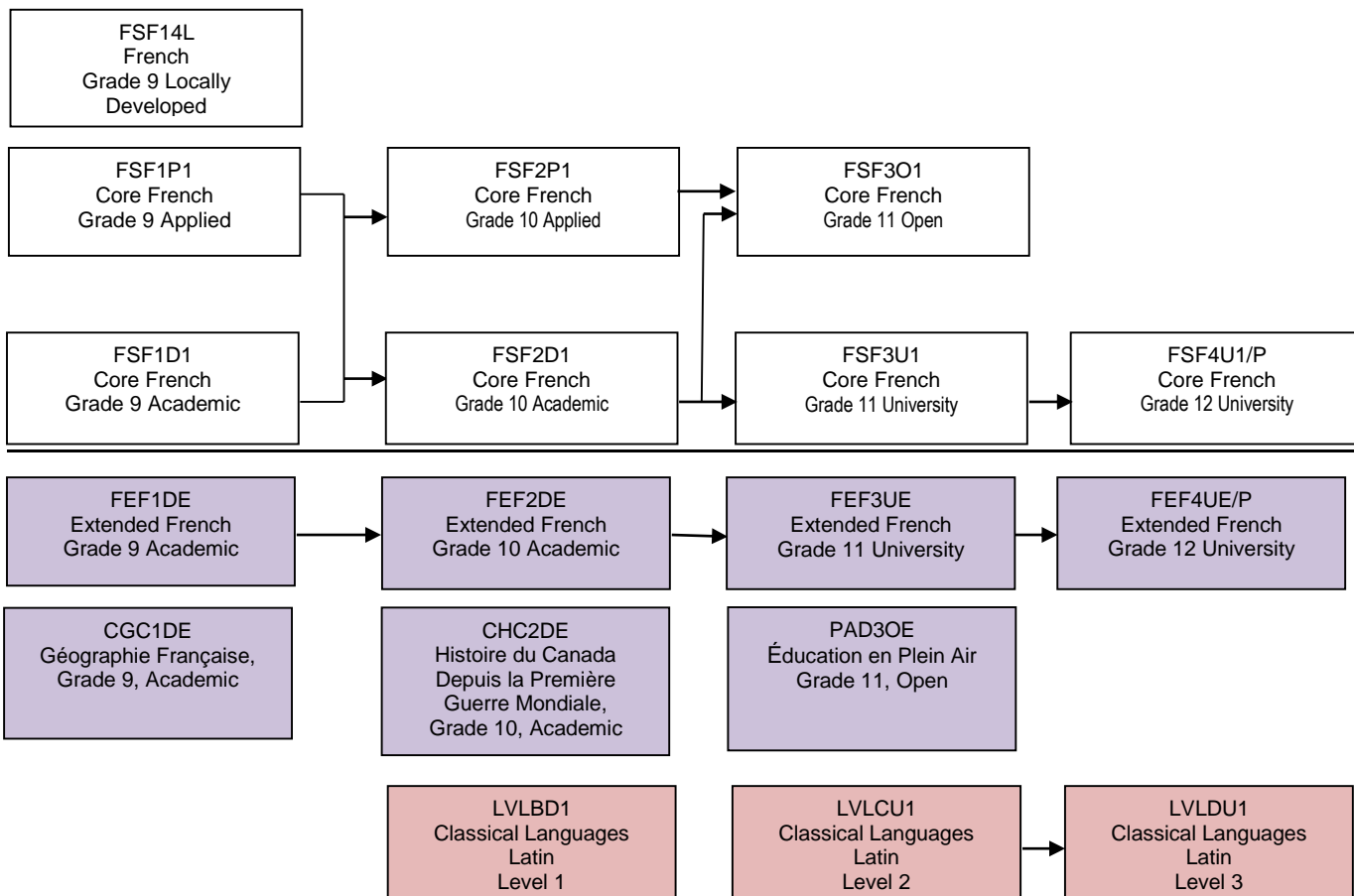
Prerequisite: English, Grade 11, College or University Preparation

EWC4U1: The Writer's Craft, Grade 12, University

This course emphasizes 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.

Prerequisite: English, Grade 11, University Preparation

FRENCH and CLASSICAL LANGUAGES



Certificates

A variety of language certificates will be awarded to those students who successfully complete all levels of either Italian or Latin, or the Extended French Program. In addition, a certificate will be awarded for the following:

Certificate in European Culture: Italian & Latin

This certificate will be awarded to students who complete all three levels of Latin, as well as all three levels of Italian.

Certificate in European Culture: French & Latin

This certificate will be awarded to students who complete all three levels of Latin, as well as all levels of either core French or Extended French.

Certificate in European Culture: French & Italian

This certificate will be awarded to students who complete all three levels of Italian, as well as all levels of either core French or Extended French. Studies

CORE FRENCH

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FSF14L: French, Grade 9, Locally Developed

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 communication skills through discussing situations and issues 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 to become life-long language learners.

Prerequisite: None

FSF1P1: Core French, Grade 9, Applied

This course provides opportunities for students to communicate and interact in French in structured situations, with a focus on everyday topics, and to apply their knowledge of French in everyday situations. Students will develop listening, speaking, reading, and writing skills introduced in the elementary Core French program, through practical applications and concrete examples, and will use 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.

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

FSF1D1: Core French, Grade 9, Academic

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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.

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

FSF2P1: Core French, Grade 10, Applied

This course provides opportunities for students to communicate in French about everyday matters and topics of personal interest in real-life situations. Students will exchange information, ideas, and opinions with others in structured, guided, and increasingly spontaneous spoken interactions. Students will develop their skills in listening, speaking, reading, and writing through using language learning strategies for understanding texts and communicating clearly. They will also increase their understanding and appreciation of diverse French-speaking communities, and will develop skills necessary for lifelong language learning.

Prerequisite: Core French, Grade 9, Academic or Applied

FSF2D1: Core French, Grade 10, Academic

This course provides opportunities for students to communicate in French about personally relevant, familiar, and academic topics in real-life situations with increasing independence. Students will exchange information, ideas, and opinions with others in guided and increasingly spontaneous spoken interactions. Students will develop their skills in listening, speaking, reading, and writing through the selective use of strategies that contribute to effective communication. They will also increase their understanding and appreciation of diverse French-speaking communities, and will develop skills necessary for lifelong language learning.

Prerequisite: Core French, Grade 9, Academic or Applied

FSF3O1: Core French, Grade 11, Open

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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.

Prerequisite: Core French, Grade 10, Academic or Applied

FSF3U1: Core French, Grade 11, University

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.

Prerequisite: Core French, Grade 10, Academic

FSF4U1: Core French, Grade 12, University

FSF4UP: Advancement Placement Core French, Grade 12, University, [Advanced Placement*](#)

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

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

[*The Advanced Placement \(AP\) Computer Science \(ICS4UP\) course is an accelerated and advanced level program designed to meet the rigorous requirements of the American College Board examination in May, allowing students to experience university level programming while still in high school.](#)

EXTENDED FRENCH

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The Extended French Program is designed for those students who have successfully completed the **elementary school extended French 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 seven credits in order to receive the Extended French Certificate issued through the Simcoe County Board of Education.

FEF1DE: Extended French, Grade 9, Academic

This course provides opportunities for students to speak and interact in French in a variety of real-life and personally relevant contexts. Students will develop their skills in listening, speaking, reading, and writing by using language learning strategies introduced in the elementary Extended French program. They will develop their creative and critical thinking skills through independently responding to and interacting with a variety of oral and written texts. They will also enhance their understanding and appreciation of diverse French-speaking communities, and will develop skills necessary for lifelong language learning.

Prerequisite: Minimum of 1260 hours of instruction in elementary Extended French, or equivalent

CGCIDE: Géographie Française, Extended French, Grade 9, Academic

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

FEF2DE: Extended French, Grade 10, Academic

This course provides extensive opportunities for students to use their communication skills in French and to apply language learning strategies. Students will develop their skills in listening, speaking, reading, and writing by responding to and interacting with French oral and written texts in a variety of real-life contexts, using their creative and critical thinking skills to explore and evaluate information and ideas in the texts. Students will increase their knowledge of the French language through the study of French authors. They will also increase their understanding and appreciation of diverse French-speaking communities, and will develop skills necessary for lifelong language learning.

Prerequisite: Extended French, Grade 9, Academic

CHC2DE: Histoire du Canada Depuis la Première Guerre Mondiale, Extended French, Grade 10, Academic

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, organizations, 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.

Prerequisite: None

FEF3UE: Extended French, Grade 11, University

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This course provides opportunities for students to communicate about concrete and abstract topics in various situations. Students will consolidate and refine their skills in listening, speaking, reading, and writing by applying language learning strategies, as well as creative and critical thinking skills, in a variety of real-life contexts. Students will develop their knowledge of the French language through the study of contemporary French authors and well-known French European authors. They will also deepen their understanding and appreciation of diverse French-speaking communities, and will develop skills necessary for lifelong language learning.

Prerequisite: Extended French, Grade 10, Academic

PAD3OE: Éducation en Plein Air, Extended French, Grade 11, Open

This extended French course combines language, leadership and outdoor education. It includes a mix of outdoor activities such as snowshoeing, cycling, skating, bocci ball and slack lining. Research and presentations are on topics such as nature, survival, orienteering and knot tying. Student will participate in one day-trip per month such as skiing, rock climbing, introduction to scuba and stand up paddle board. Emphasis will be placed on motivating students to provide leadership and assistance to our family of school students and to others in the community. Students will develop their skills in French language, leadership, and teamwork while participating in outdoor activities.

FEF4UE: Extended French, Grade 12, University

FEF4UP: Advancement Placement Extended French, Grade 12, University, [Advanced Placement*](#)

This course further emphasizes the consolidation of communication skills required to interact in French for various purposes about concrete and abstract topics. Students will independently apply language learning strategies in a variety of real-life and personally relevant contexts in listening, speaking, reading, and writing, and will broaden their creative and critical thinking skills through responding to and analysing oral and written texts. Students will increase their knowledge of the French language through the study of Canadian and international French literature. They will also enrich their understanding and appreciation of diverse French-speaking communities, and will develop skills necessary for lifelong language learning.

Prerequisite: Extended French, Grade 11, University Preparation

*The Advanced Placement (AP) Computer Science (ICS4UP) course is an accelerated and advanced level program designed to meet the rigorous requirements of the American College Board examination in May, allowing students to experience university level programming while still in high school.

LATIN

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LVLBD1: Classical Languages, Level 1 Academic (Latin)

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.

Prerequisite: None

LVLCU1: Classical Languages, Level 2 University Preparation (Latin)

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.

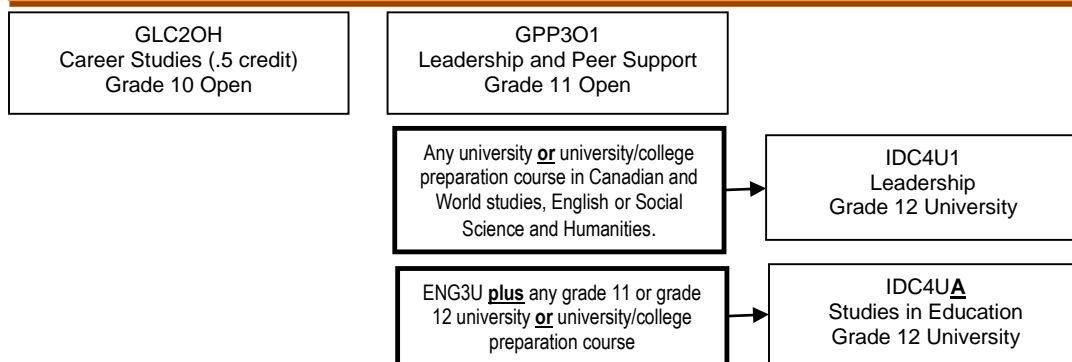
Prerequisite: Classical Languages, Level 1, Academic

LVLDU1: Classical Languages, Level 3 University Preparation (Latin)

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.

Prerequisite: Classical Languages, Level 2, University Preparation

GUIDANCE AND CAREER EDUCATION



GUIDANCE AND CAREER EDUCATION

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GLC2OH: Career Studies, Grade 10, Open (.5 credit)

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

Note: This compulsory course is worth 0.5 credit.

GPP301: Leadership and Peer Support, Grade 11, Open

This course prepares students to act in leadership and peer support roles. They will design and implement a plan for contributing to their school and/or community; develop skills in communication, interpersonal relations, teamwork, and conflict management; and apply those skills in leadership and/or peer support roles – for example, as a student council member or a peer tutor. Students will examine group dynamics and learn the value of diversity within groups and communities.

Prerequisite: None

IDC4U1: Leadership, Grade 12, University *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.

This course provides students with the opportunity to develop leadership skills by learning the event planning process to support both school and community events. Throughout the semester, various leadership styles and techniques will be examined.

Prerequisite: Any University or University/College preparation course in Canadian and World Studies, English, or Social Sciences and Humanities.

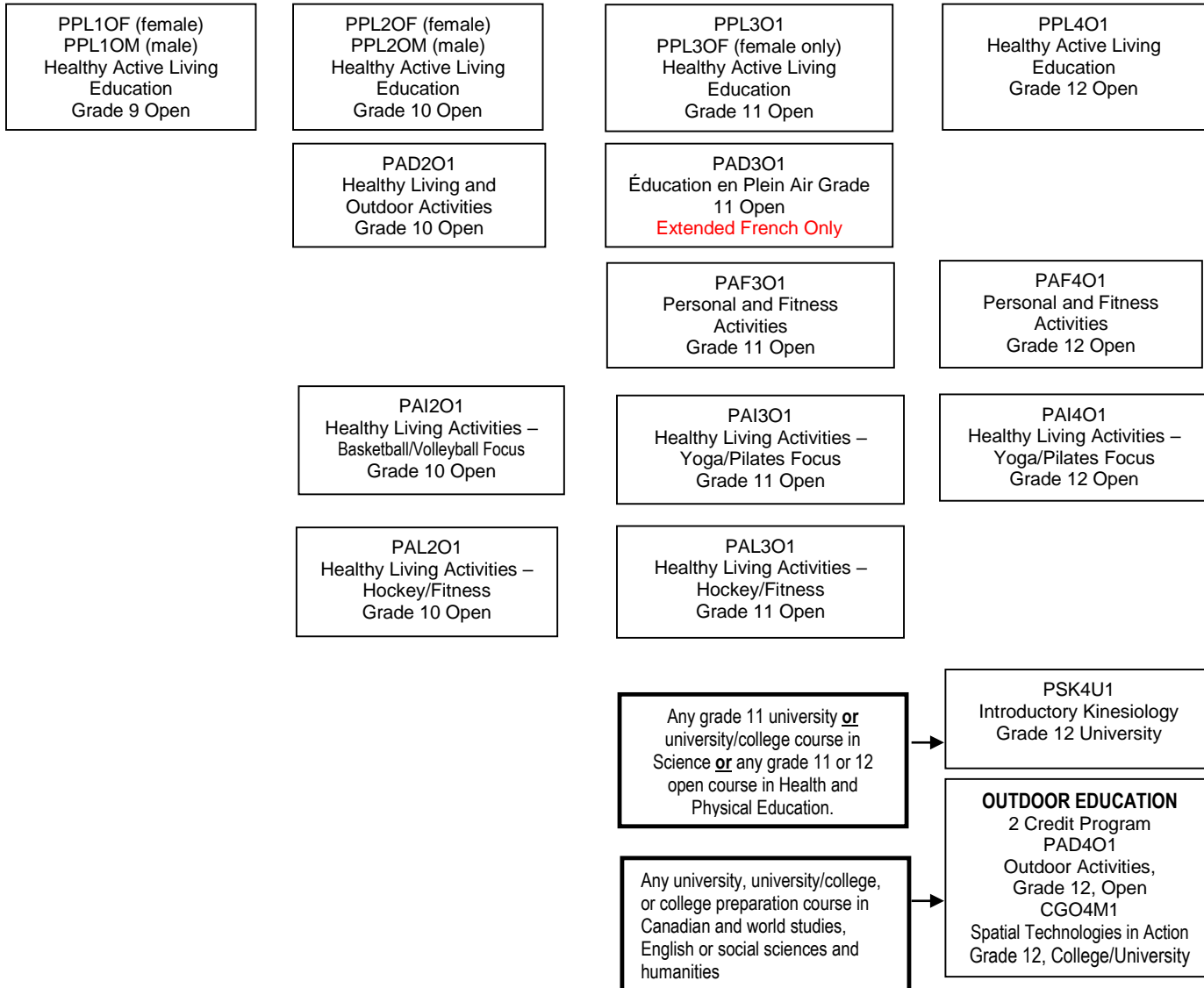
IDC4UA: Studies in Education, Grade 12, University * Students are not eligible to earn a credit in BOTH the IDC4U1 and the IDC4UA.

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.

Prerequisite: ENG3U **plus** any additional grade 11 or 12 U or M level course

HEALTH AND PHYSICAL EDUCATION



HEALTHY ACTIVE LIVING EDUCATION – GRADE 9

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PPL1OM: Males

PPL1OF: Females

Healthy Active Living Education, Grade 9, Open

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

HEALTHY ACTIVE LIVING EDUCATION – GRADE 10

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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.

PAD2O1: Healthy Living and Outdoor Activities, Grade 10, Open

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, teambuilding games, outdoor food and nutrition, "FITT" principles, and many more fun things. Field trips may require small fees.

PAI201: Healthy Living Activities – Basketball/Volleyball, Grade 10, Open

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.

PAL201: Healthy Living Activities – Hockey/Fitness, Grade 10, Open

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. There is a \$150 fee that is associated with this course and students must have their own hockey equipment.

PPL20M: Males**PPL20F: Females****Healthy Active Living Education, Grade 10, Open**

This course offers a variety of individual and team sports that encourage an active lifestyle.

HEALTHY ACTIVE LIVING EDUCATION – GRADE 11

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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 and exposure to a broader range of activity settings, students enhance their movement competence, personal fitness, and confidence. Students also acquire an understanding of the factors and skills that contribute to healthy development and learn how their own well-being is affected by, and affects, the world around them. Students build their sense of self, learn to interact positively with others, and develop their ability to think critically and creatively. **Note: Students may take more than one Health and Physical Education Course at any Grade level.**

Prerequisite: None

PAF301: Healthy Living and Personal and Fitness Activities, Grade 11, Open

This is a personal fitness course during which 80% of the practical work is done in the Fitness Centre.

PAI301: Healthy Living Activities – Yoga/Pilates Focus, Grade 11, Open

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.

PAL301: Healthy Living – Hockey/Fitness, Grade 11, Open

The application portion of this course is designed for those students prepared to further focus their efforts on improving their performance in Hockey. There is a \$150 fee that is associated with this course and students must have their own hockey equipment.

PPL301: Healthy Active Living Education, Grade 11, Open**PPL30F: Healthy Active Living Education, Grade 11, Open *Female only***

This course offers a variety of individual and team sports that encourage an active lifestyle.

PAD30E: Éducation en Plein Air, Extended French ONLY, Grade 11, Open

This extended French course combines language, leadership and outdoor education. It includes a mix of outdoor activities, research, oral and written presentations on topics of nature, survival and a study of first aid. Emphasis will be placed on motivating students to provide leadership and assistance to our family of school students and to others in the community. Students will develop their skills in French language, coaching/mentoring, leadership, and teamwork.

HEALTHY ACTIVE LIVING EDUCATION – GRADE 12

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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. **Note: Students may take more than one Health and Physical Education Course at any Grade level.**

Prerequisite: None

PAF401: Healthy Living and Personal and Fitness Activities, Grade 12, Open

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 PAF30 prior to this course

PAI401: Healthy Living Activities – Yoga/Pilates Focus Focus, Grade 12, Open

This course builds on the principles of Yoga and Pilates introduced in PAI 301. More advanced styles and extensive health and wellness components will be covered. The students will be encouraged to further their knowledge and the skills required to develop an independent practice as well as their leadership and teaching ability.

Note: This is NOT an introductory course. It is strongly recommended that a student complete PAI30 prior to this course.

PPL401: Healthy Active Living Education, Grade 12, Open

This course offers a variety of individual and team sports that encourage an active lifestyle.

PSK4U1: Introductory Kinesiology, Grade 12, University

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

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

BLOCK2C: Outdoor Education, Grade 12

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:

PAD4O1: Outdoor Activities, Grade 12, Open

This course focuses on the development of a personalized approach to healthy active living through participation in a variety of sports and recreational activities that have the potential to engage students' interest throughout their lives. Students will develop and implement personal physical fitness plans. In addition, they will be given opportunities to refine their decision-making, conflict resolution, and interpersonal skills, with a view to enhancing their mental health and their relationships with others.

Prerequisite: None

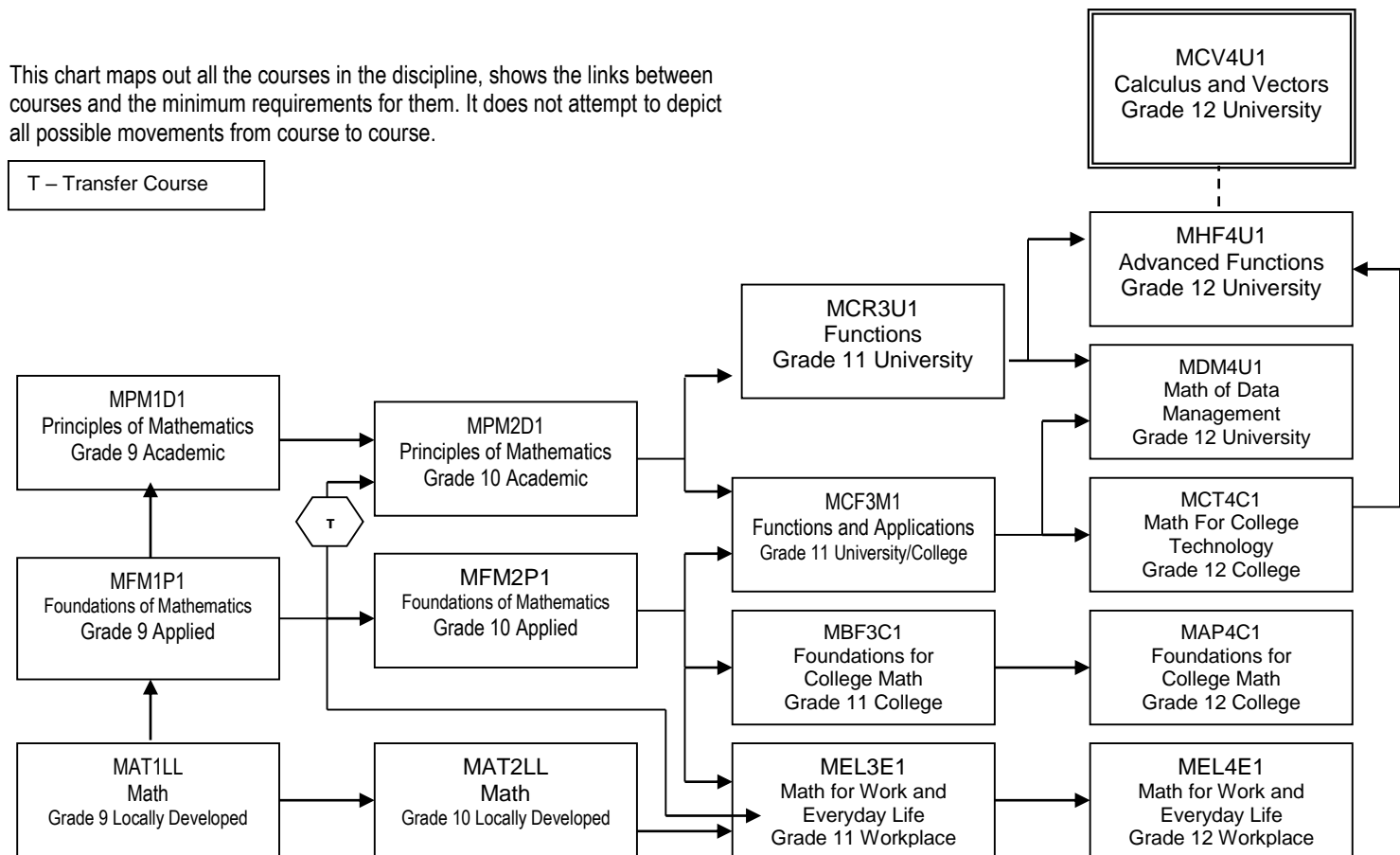
CGO4M1: Spatial Technologies in Action, Grade 12, University/College

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 analyse 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.

MATHEMATICS

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

**MATHEMATICS**

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MAT1LL: Math, Grade 9, LDCC (Locally Developed Compulsory Credit)

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, organize, 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.

MFM1P1: Foundations of Mathematics, Grade 9, Applied

This course enables students to develop understanding of mathematical concepts related to introductory algebra, proportional reasoning, and measurement and geometry through investigation, the effective use of technology, and hands-on activities. Students will investigate real-life examples to develop various representations of linear relationships, and will determine the connections between the representations. They will also explore certain relationships that emerge from the measurement of three-dimensional objects and two-dimensional shapes. Students will consolidate their mathematical skills as they solve problems and communicate their thinking.

MPM1D1: Principles of Mathematics, Grade 9, Academic

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

MAT2LL: Math, Grade 10, LDCC (Locally Developed Compulsory Credit)

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, organize, 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.

MFM2P1: Foundations of Mathematics, Grade 10, Applied

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.

Prerequisite: Principles of Mathematics, Grade 9, Academic, or Foundations of Mathematics Grade 9, Applied

MPM2D1: Principles of Mathematics, Grade 10, Academic

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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.

Prerequisite: Principles of Mathematics, Grade 9 Academic

MEL3E1: Mathematics for Work and Everyday Life, Grade 11, Workplace

This course enables students to broaden their understanding of mathematics as it is applied in the workplace and daily life. Students will solve problems associated with earning money, paying taxes, and making purchases; apply calculations of simple and compound interest in saving, investing, and borrowing; and calculate the costs of transportation and travel in a variety of situations. Students will consolidate their mathematical skills as they solve problems and communicate their thinking.

Prerequisite: Principles of Mathematics, Grade 9, Academic, or Foundations of Mathematics, Grade 9, Applied, or a ministry-approved locally developed Grade 10 mathematics course

MBF3C1: Foundations for College Mathematics, Grade 11, College

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, analyzing, and evaluating data involving one and two variables. Students will consolidate their mathematical skills as they solve problems and communicate their thinking.

Prerequisite: Foundations of Mathematics, Grade 10, Applied

MCF3M1: Functions and Applications, Grade 11, University/College

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

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

Note: This course is for the majority of University bound students. Students planning to take College Technology Courses, or tier one apprenticeships, must pass this course.

Recommended: Minimum mark of 80% in MFM2P

MCR3U1: Functions, Grade 11, University

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.

Prerequisite: Principles of Mathematics, Grade 10, Academic

MEL4E1: Mathematics for Work and Everyday Life, Grade 12, Workplace

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.

Prerequisite: Mathematics for Work and Everyday Life, Grade 11, Workplace Preparation

MAP4C1: Foundations for College Mathematics, Grade 12, College

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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.

Prerequisite: Foundations for College Mathematics, Grade 11, College Preparation, or Functions and Applications, Grade 11, University/College Preparation or Functions, Grade 11 University Preparation

MCT4C1: Mathematics for College Technology, Grade 12, College**MCT4CV: Mathematics for College Technology, Grade 12, eLEARNING SCDSB**

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

Prerequisite: Functions and Applications, Grade 11, University/College Preparation, or Functions, Grade 11, University Preparation

MDM4U1: Mathematics of Data Management, Grade 12, University

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

Prerequisite: Functions and Applications, Grade 11, University/College Preparation, or Functions, Grade 11, University Preparation

MHF4U1: Advanced Functions, Grade 12, University

This course extends students' experience with functions. Students will investigate the properties of polynomial, rational, logarithmic, and trigonometric functions; broaden their understanding of rates of change; and develop facility in applying these concepts and skills. Students will also refine their use of the mathematical processes necessary for success in senior mathematics. This course is intended both for students who plan to study mathematics in university and for those wishing to consolidate their understanding of mathematics before proceeding to any one of a variety of university programs.

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

Recommended: Minimum mark of 80% in MCT4C

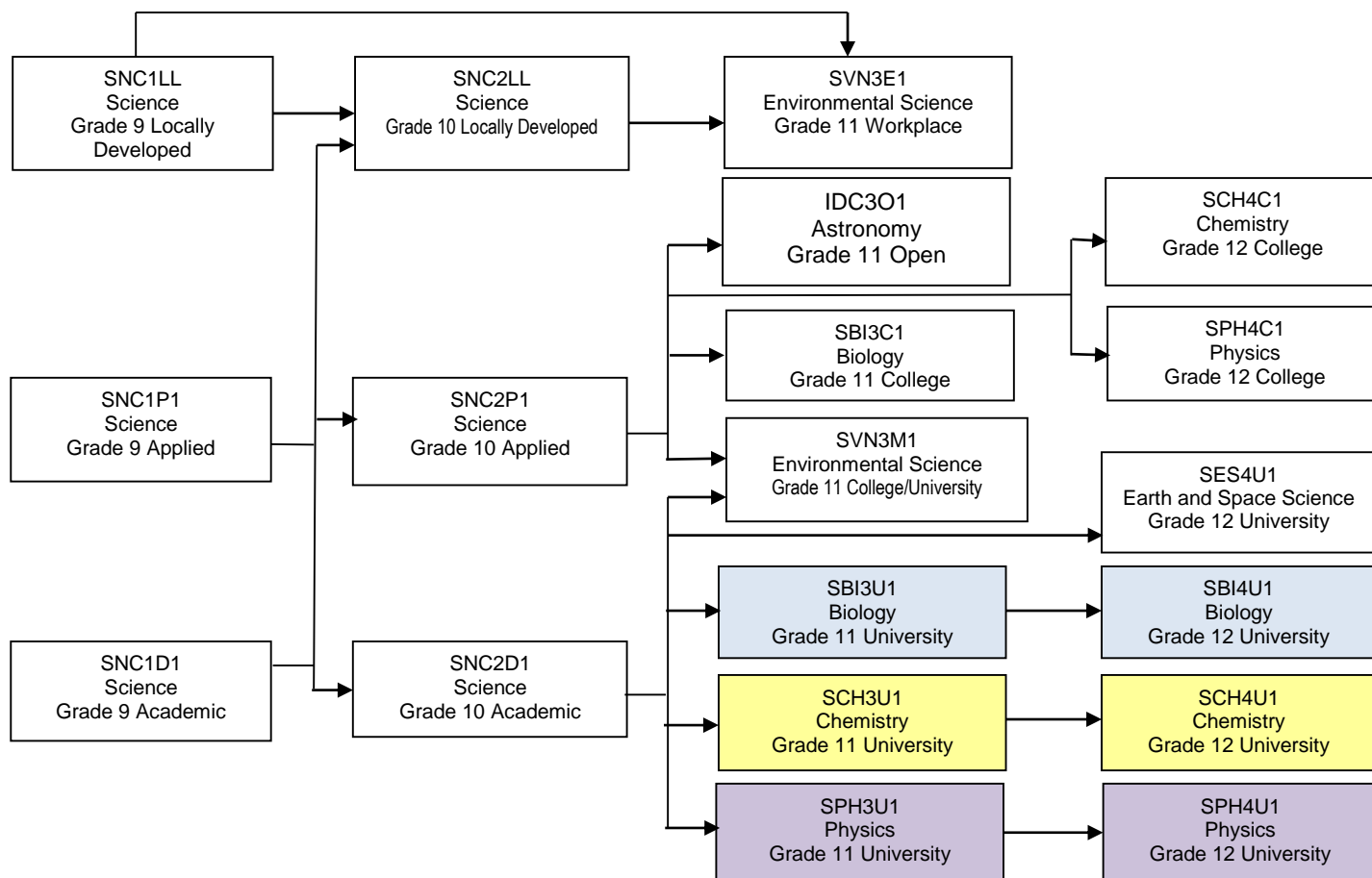
MCV4U1: Calculus and Vectors, Grade 12, University

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.

Prerequisite: Advanced Functions, Grade 12, University Preparation.

Note: In some schools, it may be necessary to take the prerequisite course concurrently with MCV4U.

SCIENCE



SCIENCE

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SNC1LL: Science, Grade 9, LDCC (Locally Developed Compulsory Credit)

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.

SNC1P1: Science, Grade 9, Applied

This course enables students to develop their understanding of basic concepts in biology, chemistry, earth and space science, and physics, and to apply their knowledge of science to everyday situations. They are also given opportunities to develop practical skills related to scientific investigation. Students will plan and conduct investigations into practical problems and issues related to the impact of human activity on ecosystems; the structure and properties of elements and compounds; space exploration and the components of the universe; and static and current electricity.

SNC1D1: Science, Grade 9, Academic

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

SNC2LL: Science, Grade 10, LDCC (Locally Developed Compulsory Credit)

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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.

SNC2P1: Science, Grade 10, Applied

This course enables students to develop a deeper understanding of concepts in biology, chemistry, earth and space science, and physics, and to apply their knowledge of science in real-world situations. Students are given opportunities to develop further practical skills in scientific investigation. Students will plan and conduct investigations into everyday problems and issues related to human cells and body systems; chemical reactions; factors affecting climate change; and the interaction of light and matter.

Prerequisite: Science, Grade 9, Academic or Applied

SNC2D1: Science, Grade 10, Academic

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

Prerequisite: Science, Grade 9, Academic or Applied

ASTRONOMY

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IDC3O1: Interdisciplinary Studies - Astronomy, Grade 11, Open

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.

Prerequisite: Science, Grade 10, Academic or Applied

BIOLOGY

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SBI3C1: Biology, Grade 11, College

This course focuses on the processes involved in biological systems. Students will learn concepts and theories as they conduct investigations in the areas of cellular biology, microbiology, animal anatomy and physiology, plant structure and physiology, and environmental science. Emphasis will be placed on the practical application of concepts, and on the skills needed for further study in various branches of the life sciences and related fields.

Prerequisite: Science, Grade 10, Academic or Applied.

SBI3U1: Biology, Grade 11, University

This course furthers students' understanding of the processes involved in biological systems. Students will study cellular functions, genetic continuity, internal systems and regulation, the diversity of living things, and the anatomy, growth, and functions of plants. The course focuses on the theoretical aspects of the topics under study, and helps students refine skills related to scientific investigation.

Prerequisite: Science, Grade 10, Academic

SBI4U1: Biology, Grade 12, University

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

Prerequisite: Grade 11, Biology, University

Preparatory Course: Chemistry, Grade 11, University

COMPREHENSIVE BIOCHEMISTRY

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BLOCK2B: Comprehensive Biochemistry, Grade 12, University

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.

SBI4U1: Grade 12, University (see Description under Biology)

Prerequisite: Grade 11, Biology, University

SCH4U1: Grade 12, University (see description under Chemistry)

Prerequisite: Grade 11, Chemistry, University

CHEMISTRY

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SCH3U1: Chemistry, Grade 11, University

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

Prerequisite: Science, Grade 10, Academic

SCH4C1: Chemistry, Grade 12, College

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.

Prerequisite: Science, Grade 10, Academic or Applied

SCH4U1: Chemistry, Grade 12, University

This course enables students to deepen their understanding of chemistry through the study of organic chemistry, energy changes and rates of reaction, chemical systems and equilibrium, electrochemistry and atomic and molecular structure. Students will further develop problem solving and laboratory skills as they investigate chemical processes, at the same time refining their ability to communicate scientific information. Emphasis will be placed on the importance of chemistry in daily life and on evaluating the impact of chemical technology on the environment.

Prerequisite: Chemistry, Grade 11, University

PHYSICS

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SPH3U1: Physics, Grade 11, University

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.

Prerequisite: Science, Grade 10, Academic.

SPH4C1: Physics, Grade 12, College

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 environment.

Prerequisite: Science, Grade 10, Academic or Applied

SPH4U1: Physics, Grade 12, University

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

Prerequisite: Physics, Grade 11, University

Note: A good understanding of the concepts in a Grade 11 University/College math course is an important factor for success in this course.

EARTH AND SPACE SCIENCE

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SES4U1: Earth and Space Science, Grade 12, University

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

Prerequisite: Science, Grade 10, Academic

SCIENCE

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SVN3E1: Environmental Science, Grade 11, Workplace

This course provides students with the fundamental knowledge of and skills relating to environmental science that will help them succeed in work and life after secondary school. Students will explore a range of topics, including the impact of human activities on the environment; human health and the environment; energy conservation; resource science and management; and safety and environmental responsibility in the workplace. Emphasis is placed on relevant, practical applications and current topics in environmental science, with attention to the refinement of students' literacy and mathematical literacy skills as well as the development of their scientific and environmental literacy.

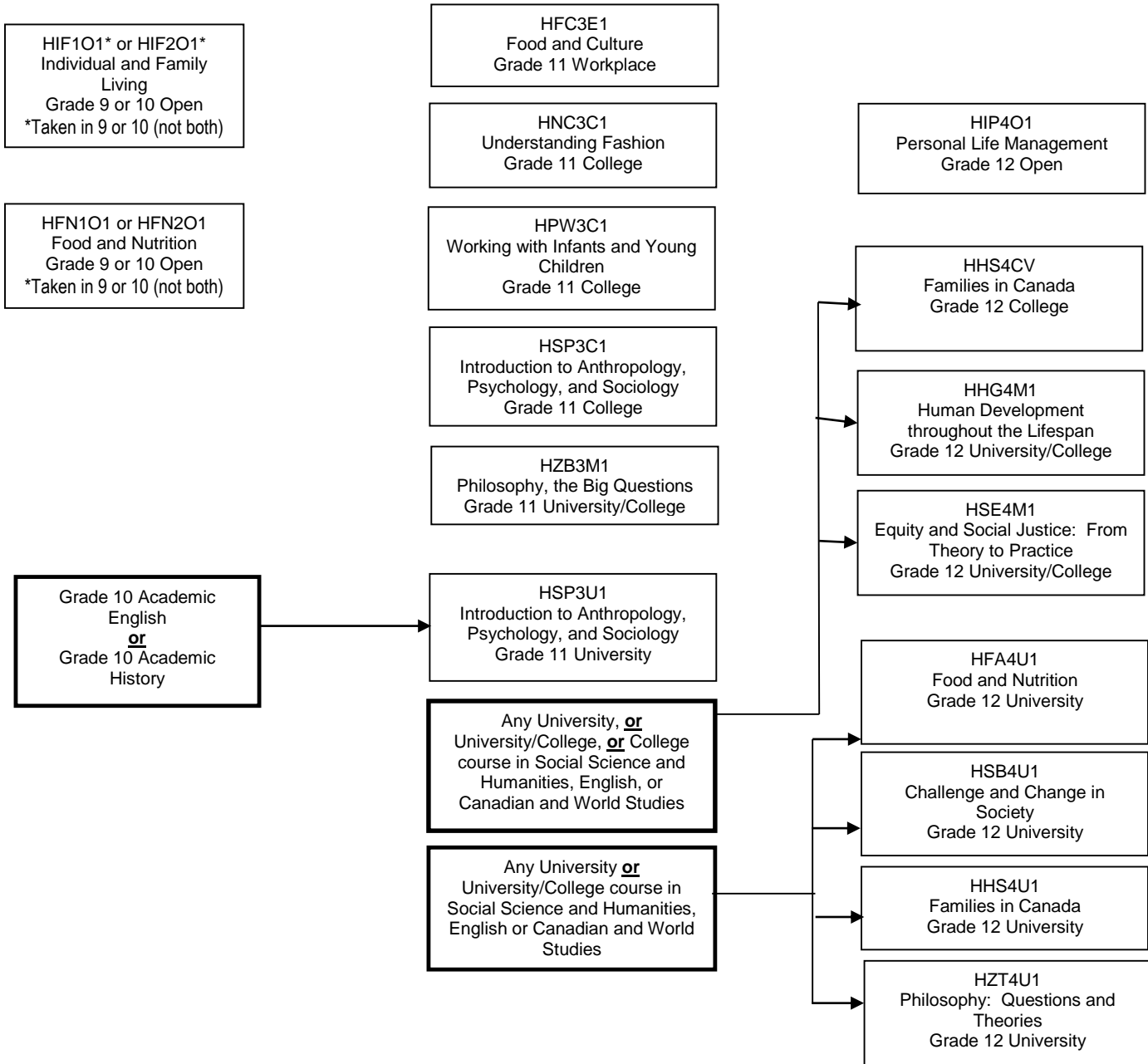
Prerequisite: Science, Grade 9, Academic or Applied, or a Grade 9 or 10 locally developed compulsory credit (LDCC) course in science

SVN3M1: Environmental Science, Grade 11, University/College

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

Prerequisite: Science, Grade 10, Applied or Academic

SOCIAL SCIENCE AND HUMANITIES



EQUITY STUDIES

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HSE4M1: Equity and Social Justice: From Theory to Practice, Grade 12, University/College

HSE4MV: Equity and Social Justice: From Theory to Practice, Grade 12, University/College, eLEARNING SCDSB

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.

This course examines how groups and individuals work for change to address social justice and equity issues such as racism, child poverty and environmental issues. Students will have the opportunity to focus their learning on the social issues which they find most concerning.

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

FAMILY STUDIES

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HIF1O1/2O1: Exploring Family Studies, Grade 9 or 10, Open

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 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 all the various Family Studies courses from the study of human behaviour to practical applications which may include sewing and cooking. Students will experience a hands-on interactive course.

Prerequisite: None

HFN101/201: Food and Nutrition, Grade 9 or 10, Open[Click here to return to the SOCIAL SCIENCE AND HUMANITIES summary](#)

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 food lab every week.

Prerequisite: None

HFC3E1: Food and Culture, Grade 11, Workplace

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.

Prerequisite: None

HNC3C1: Understanding Fashion, Grade 11, College

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 principals 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.

Prerequisite: None

HPW3C1: Working with Infants and Young Children, Grade 11, College

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. Computerized simulator babies are used to offer students a virtual parenting experience.

Prerequisite: None

HIP4O1: Personal Life Management, Grade 12, Open[Click here to return to the SOCIAL SCIENCE AND HUMANITIES summary](#)

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

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 resolutions skills.

Prerequisite: None

HHS4CV: Families in Canada, Grade 12, College, eLEARNING SCDSB

This course enables students to develop an understanding of social science theories as they apply to individual development, the development of intimate relationships, and family and parent-child relationships. Students will explore a range of issues relating to the development of individuals and families in contemporary Canadian society as well as in other cultures and historical periods. They will develop the investigative skills required to conduct research on individuals, intimate relationships, and parent-child roles and relationships in Canada.

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

HHG4MV: Human Development throughout the Lifespan, Grade 12, University/College, eLEARNING SCDSB

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

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

HFA4UV: Nutrition and Health, Grade 12, University, eLEARNING SCDSB

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

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

HHS4U1: Families in Canada, Grade 12, University**HHS4UV: Families in Canada, Grade 12, University, eLEARNING SCDSB**

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

We are all a product of the most basic of social institutions, the Family. Traditional, non-traditional, blended, extended and same-sex parents - there has never before been so many variations of the family and yet it still remains one of the most fundamental agents of socialization. Learn about the contribution the family makes in shaping YOU.

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

GENERAL SOCIAL SCIENCES

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HSP3C1: Introduction to Anthropology, Psychology, and Sociology, Grade 11, College

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.

Prerequisite: None

HSP3U1: Introduction to Anthropology, Psychology, and Sociology, Grade 11, University

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 critical thinking activities.

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

HSB4U1: Challenge and Change in Society, Grade 12, University

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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.

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

PHILOSOPHY

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HZB3M1: Philosophy: The Big Questions, Grade 11, University/College

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.

Prerequisite: None

HZT4U1: Philosophy: Questions and Theories, Grade 12, University

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

The course will give students an opportunity to understand where the ideas and values of the 21st Century come from, and to speculate on where they might go.

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

WORLD'S GREAT IDEAS

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BLOCK2S: World's Great Ideas, Grade 12, University

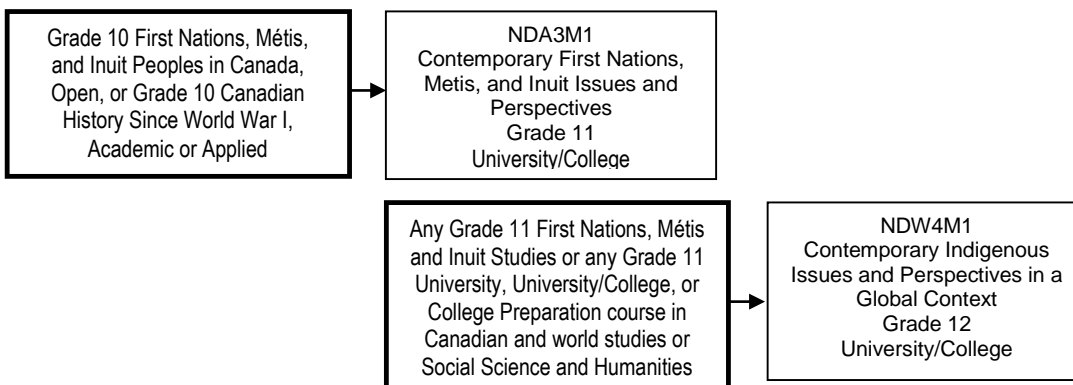
This program will give students the opportunity to explore the rich ground of their ideas about life, meaning and truth, along with what has been said by some of the world's great thinkers, past and present. Readings, films, and assignments will combine aspects of both courses and develop skills for post-secondary life. Students will receive the following two credits below.

Prerequisite: English, Grade 11, University Preparation

ENG4U1: English, Grade 12, University (see Description under English)

HZT4U1: Philosophy: Questions and Theories, Grade 12, University (see description above)

FIRST NATIONS, MÉTIS and INUIT STUDIES



NAC101: Expressing Aboriginal Cultures, Grade 9, Open (see description under the Arts)

NDA3M1: Contemporary First Nations, Métis, and Inuit Issues and Perspectives, Grade 11, Univ/College

This course explores existing and emerging issues of local, regional, and national importance to First Nations, Métis, and Inuit peoples in Canada. Students will analyse diverse perspectives on issues and events related to land, community, governance, identity, culture, and global trends. Using the concepts of political thinking and the tools of political inquiry, students will explore their own and others' ideas and investigate issues to determine what needs to change and why. Students are also given the opportunity to develop their own problem-solving strategies to address an issue of their choice.

Prerequisite: Grade 10 First Nations, Métis, and Inuit Peoples in Canada, Open, or Grade 10 Canadian History since World War I, Academic or Applied

NDW4M1: Contemporary Indigenous Issues and Perspectives in a Global Context, Grade 12, University/College

This course examines global issues from the perspectives of indigenous peoples. Students will explore the depth and diversity of indigenous cultures, traditions, and knowledge. Students will consider how diverse indigenous communities persevere despite current global environmental and economic trends, and will investigate topics such as identity, social justice, human rights and abuses, spirituality, resistance, and advocacy for change.

Prerequisite: Any Grade 11 University, University/College, or College Preparation course in First Nations, Métis and Inuit Studies or Canadian and World Studies or Social Sciences and Humanities.

SPECIAL EDUCATION

CREDIT BEARING COURSES

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The following four courses explore learning strategies and help students become better, more independent learners while increasing their personal management skills, both in school and in other contexts. Students will learn how to develop and apply a range of strategies to improve their learning and achievement, particularly their literacy, numeracy, communication, and planning skills. These courses will increase students' confidence, motivation, and ability to learn.

GLS101, GLE101, GLE201, Learning Strategies: Skills for Success in Secondary School, Grade 9 and 10, Open

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

In addition, the skills learned in this course will be transferable to support success in other classes.

Prerequisite: For GLS10 – None, for GLE10 and GLE20 - Recommendation of SERT

GLE301, GLE401, Advanced Learning Strategies: Skills for Success After Secondary School, Grade 11 & 12, Open

This course improves 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 maximize 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.

Prerequisite: GLE30 and GLE40 – Recommendation of SERT

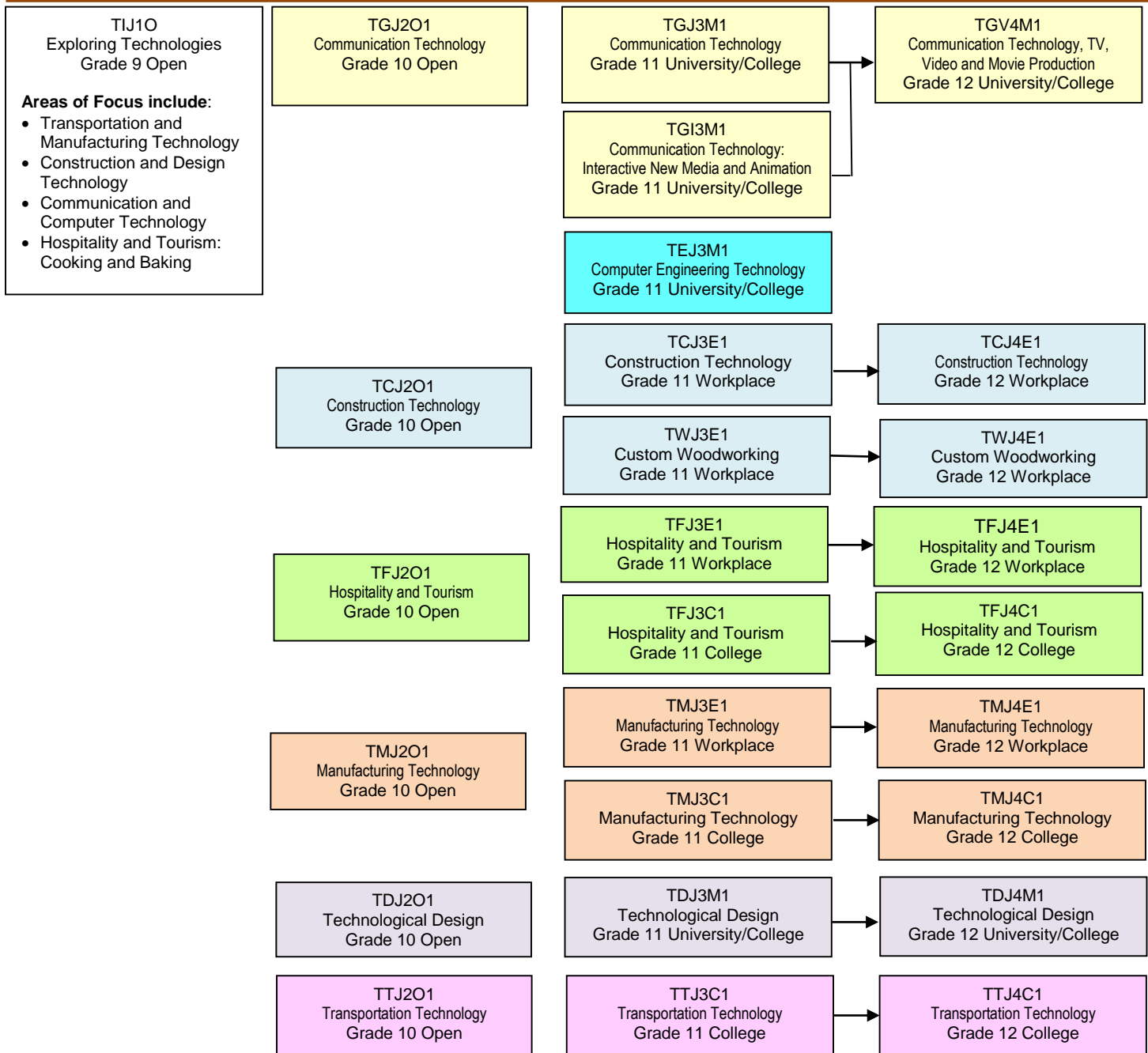
NON-CREDIT BEARING COURSES

The non-credit bearing courses are designed for those students that are enrolled in Innisdale's Life Skills program, Learning Centre program and Autism County Classes. Students will learn how to develop and apply a range of strategies to improve their learning and achievement, particularly their literacy, numeracy, communication, and personal life skills.

Typical courses include:

- | | | |
|--|-----------------------------|-------------------------------|
| • Language and Communication development | • Culinary Skills | • Exploring the World of Work |
| • Numeracy and Numbers | • Exploring our Environment | • Personal Life Skills |
| • Personal Health and Fitness | • Exploring our World | • Social Skills Development |

TECHNOLOGY



INTEGRATED TECHNOLOGIES

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TIJ10A: Transportation Technology and Manufacturing Technology

TIJ10B: Construction and Technological Design

TIJ10I: Communication Technology and Computer Technology

TIJ10E: Hospitality and Tourism

Exploring Technologies, Grade 9, Open

This course enables students to further explore and develop technological knowledge and skills introduced in the elementary science and technology program. Students will be given opportunity to design and create projects and/or provide services related to the various technological areas or industries, working with a variety of tools, equipment, and software commonly used in industry. Students will develop an awareness of environmental and societal issues, and will begin to explore secondary and postsecondary education and training pathways leading to careers in technology-related fields. Students will rotate through two of the following technology areas dependent upon their selection:

A Transportation Technology

This exploratory course introduces students to concepts and skills related to transportation technology, which encompasses the maintenance, servicing, and repair of motor vehicles and their components. Students will learn to perform routine vehicle maintenance, which includes changing a flat tire, oil changes, wheel balance, and how to charge a battery. Students will develop an awareness of related environmental and societal issues, and will explore alternative solar power to propel vehicles.

Manufacturing Technology

Introduces students to concepts and skills related to manufacturing technology, which encompasses technical drawing CAD CAM, manual machining, CNC machining and welding to make various projects including a pen, coin, and plant holder.

- B** { **Construction Technology**
Introduces students to a variety of machines in the construction shop to create the following projects; Boom-a-bird, shelf, sign, egg launcher, and phone charging station. As well as building all these projects you will be introduced to the planning process, and a general overview of the construction industry.
- Technological Design**
Introduces students to the concepts and skills related to technological design, which involves the development of solutions to various design challenges and the fabrication of models or prototypes of those solutions.)
- 1** { **Communications Technology**
Introduces students to concepts and skills in communication technology which encompasses television/video and movie production, radio and audio production, print and graphic communications, and interactive new media and animation.
- Computer Technology**
Introduces students to concepts and skills related to computer technology, which encompasses computer programming and simple video game design using Scratch, along with programming external devices such as an Arduino circuit board and the Vex IQ robotic system.
- F** { **Hospitality and Tourism**
Introduces students to concepts and skills related to hospitality and tourism, focusing on the areas of food handling, food preparation, the origins of foods, event planning, and local tourism. 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.

COMMUNICATIONS TECHNOLOGY

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TGJ201: Communications Technology, Grade 10, Open

This course introduces students to communications technology from a media perspective. Students will work in the areas of TV/video and movie production, radio and audio production, print and graphic communications, photography, and animation. Student projects may include computer-based activities such as creating videos, editing photos, working with audio, cartooning, developing animations, and designing web pages. Students will also develop an awareness of environmental and societal issues related to communications technology and explore secondary and postsecondary education and training pathways and career opportunities in the various communications technology fields.

Prerequisite: None

TGJ3M1: Communications Technology, Grade 11, University/College

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.

Prerequisite: None

TGI3M1: Communications Technology: Interactive New Media and Animation, Grade 11, University/College

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 and 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.

Prerequisite: None

TGV4M1: Communications Technology: TV, Video and Movie Production, Grade 12, University/College

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.

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

COMPUTER TECHNOLOGY

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TEJ3M1: Computer Engineering Technology, Grade 11, University/College

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.

Prerequisite: None

CONSTRUCTION TECHNOLOGY

TCJ201: Construction Technology, Grade 10, Open

This course introduces students to building materials and processes through opportunities to design and build various construction projects. Students will learn to create and read working drawings; become familiar with common construction materials, components, and processes; and perform a variety of fabrication, assembly, and finishing operations. They will use a variety of hand and power tools and apply knowledge of imperial and metric systems of measurement, as appropriate. Students will develop an awareness of environmental and societal issues related to construction technology, and will explore secondary and postsecondary pathways leading to careers in the industry.

Prerequisite: None

TCJ3E1: Construction Technology, Grade 11, Workplace[Click here to return to the TECHNOLOGICAL EDUCATION summary](#)

This course enables students to develop technical knowledge and skills related to carpentry, masonry, electrical systems, heating and cooling, and plumbing for residential construction. Students will gain hands on experience using a variety of materials, processes, tools, and equipment to design, lay out, and build projects. They will create and read technical drawings, learn construction terminology, interpret building codes and regulations, and apply mathematical skills as they develop construction projects. Students will also develop an awareness of environmental and societal issues related to construction technology, and explore postsecondary and career opportunities in the field.

Prerequisite: None

TWJ3E1: Custom Woodworking, Grade 11, Workplace

This course enables students to develop knowledge and skills related to cabinet making and furniture making. Students will gain practical experience using a variety of the materials, tools, equipment, and joinery techniques associated with custom woodworking. Students will learn to create and interpret technical drawings and will plan, design, and fabricate projects. They will also develop an awareness of environmental and societal issues related to the woodworking industry, and explore apprenticeships, postsecondary training, and career opportunities in the field that may be pursued directly after graduation.

TCJ4E1: Construction Technology, Grade 12, Workplace

This course enables students to further develop technical knowledge and skills related to residential construction and to explore light commercial construction. Students will continue to gain hands on experience using a variety of materials, processes, tools, and equipment; create and interpret construction drawings; and learn more about building design and project planning. They will expand their knowledge of terminology, codes and regulations, and health and safety standards related to residential and light commercial construction. Students will also expand their awareness of environmental and societal issues related to construction technology and explore entrepreneurship and career opportunities in the industry that may be pursued directly after graduation.

Prerequisite: Construction Technology, Grade 11, Workplace Preparation

TWJ4E1: Custom Woodworking, Grade 12, Workplace

This course enables students to further develop knowledge and skills related to the planning, design, and construction of cabinets and furniture for residential and/or commercial projects. Students will gain further experience in the safe use of common woodworking materials, tools, equipment, finishes, and hardware, and will learn about the entrepreneurial skills needed to establish and operate a custom woodworking business. Students will also expand their awareness of health and safety issues and environmental and societal issues related to woodworking, and will explore career opportunities that may be pursued directly after graduation.

Prerequisite: Custom Woodworking, Grade 11, Workplace Preparation

HOSPITALITY AND TOURISM[Click here to return to the TECHNOLOGICAL EDUCATION summary](#)**TFJ2O1: Hospitality and Tourism, Grade 10, Open**

This course provides students with opportunities to explore different areas of hospitality and tourism, as reflected in the various sectors of the tourism industry, with an emphasis on food service. Students will study culinary techniques of food handling and preparation, health and safety standards, the use of tools and equipment, the origins of foods, 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.

Prerequisite: None

TFJ3E1: Hospitality and Tourism, Grade 11, Workplace

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.

Prerequisite: None

TFJ3C1: Hospitality and Tourism, Grade 11, College

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.

Prerequisite: None

TFJ4E1: Hospitality and Tourism, Grade 12, Workplace

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.

Prerequisite: Hospitality and Tourism, Grade 11, Workplace Preparation

TFJ4C1: Hospitality and Tourism, Grade 12, College

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.

Prerequisite: Hospitality and Tourism, Grade 11, College Preparation

MANUFACTURING TECHNOLOGY - METAL[Click here to return to the TECHNOLOGICAL EDUCATION summary](#)**TMJ2O1: Manufacturing Technology, Grade 10, Open**

This course introduces students to the manufacturing industry by giving them an opportunity to design and fabricate products using a variety of processes, tools, and equipment. Students will learn about technical drawing, properties and preparation of materials, and manufacturing techniques. Student projects may include a robotic challenge, a design challenge, or a fabrication project involving processes such as machining, welding, vacuum forming, or injection molding. Students will develop an awareness of environmental and societal issues related to manufacturing and will learn about secondary and postsecondary pathways leading to careers in the industry.

Prerequisite: None

TMJ3E1: Manufacturing Technology, Grade 11, Workplace

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 hands on and project based units in preparation for the work force post-secondary.

Prerequisite: None

TMJ3C1: Manufacturing Technology, Grade 11, College

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 in preparation for apprenticeship or college destinations post-secondary.

Prerequisite: None

TMJ4E1: Manufacturing Technology, Grade 12, Workplace

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.

Prerequisite: Manufacturing Technology, Grade 11, Workplace Preparation

Students will focus on hands on and project based units in preparation for the work force post-secondary.

TMJ4C1: Manufacturing Technology, Grade 12, College

This course enables students to further develop knowledge and skills related to machining, welding, print reading, computer numerical control (CNC), robotics, and design. Students will develop proficiency in using mechanical, pneumatic, electronic, and computer control systems in a project-based learning environment and may have opportunities to obtain industry-standard training and certification. Students will expand their awareness of environmental and societal issues and career opportunities in the manufacturing industry.

Prerequisite: Manufacturing Technology, Grade 11, College Preparation

Students will focus on project based units in preparation for apprenticeship or college destinations post-secondary.

TECHNOLOGICAL DESIGN

[Click here to return to the TECHNOLOGICAL EDUCATION summary](#)

TDJ2O1: Technological Design, Grade 10, Open

This course provides students with opportunities to apply a design process to meet a variety of technological challenges. Students will research projects, create designs, build models and/or prototypes, and assess products and/or processes using appropriate tools, techniques, and strategies. Student projects may include designs for homes, vehicles, bridges, robotic arms, clothing, or other products. Students will develop an awareness of environmental and societal issues related to technological design, and learn about secondary and postsecondary education and training leading to careers in the field.

Prerequisite: None

TDJ3M1: Technological Design, Grade 11, University/College

This course examines how technological design is influenced by human, environmental, financial, and material requirements and resources. Students will research, design, build, and assess solutions that meet specific human needs, using working drawings and other communication methods to present their design ideas. They will develop an awareness of environmental, societal, and cultural issues related to technological design, and will explore career opportunities in the field, as well as the college and/or university program requirements for them.

Prerequisite: None

TDJ4M1: Technological Design, Grade 12, University/College

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.

Prerequisite: Technological Design, Grade 11, University/College Preparation

TRANSPORTATION TECHNOLOGY

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TTJ2O1: Transportation Technology, Grade 10, Open

This course introduces students to the service and maintenance of vehicles, aircraft, and/or watercraft. Students will develop knowledge and skills related to the construction and operation of vehicle/craft systems and learn maintenance and repair techniques. Student projects may include the construction of a self-propelled vehicle or craft, engine service, tire/wheel service, electrical/battery service, and proper body care. Students will develop an awareness of related environmental and societal issues and will explore secondary and postsecondary pathways leading to careers in the transportation industry.

Prerequisite: None

TTJ3C1: Transportation Technology, Grade 11, College

This course enables students to develop technical knowledge and skills as they study, test, service, and repair engine, electrical, suspension, brake, and steering systems on vehicles, aircraft, and/or watercraft. Students will develop communication and teamwork skills through practical tasks, using a variety of tools and equipment. Students will develop an awareness of environmental and societal issues related to transportation and will learn about apprenticeship and college programs leading to careers in the transportation industry.

Prerequisite: None

TTJ4C1: Transportation Technology, Grade 12, 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 tasks, using a variety of tools and equipment. Students will expand their awareness of environmental and societal issues related to transportation and their knowledge of apprenticeship and college programs leading to careers in the transportation industry.

Prerequisite: Transportation Technology, College Preparation, Grade 11

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 (typically grade 9 or 10)	6.	6.	6.
7. Phys-Ed (can be taken any year)	7.	7.	
8.	8.	8.	

30 Credits are Needed for an Ontario Secondary School Diploma

There are 18 compulsory courses that are ministry required:

- • 13 of the 18 are highlighted in yellow.
- • 1 physical education credit (often taken in grade 9 but not required to be)
- • 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.

For more detailed information and restrictions on these requirements, please see the [Diploma and Certificate Requirements](#) outline earlier in this document.

STARTING TO THINK ABOUT POST-SECONDARY?

Get the information you need

Personalized planning: www.myblueprint.ca/simcoe
 Ontario Universities: www.electronicinfo.ca
 Ontario Colleges: www.ontariocolleges.ca
 Apprenticeship: www.apprenticesearch.com
 Scholarship Info: www.scholarshipscanada.com
www.scholartree.ca
www.yconic.com