

East Elgin Secondary School Contact Information

Administration

Principal: Ms. Victoria Jones
Vice-Principals: Ms. Jillian Coachrane
Mr. Jason Wilkins

Guidance Department

Department Head: Mrs. Stacey Suffel
Counsellors: Mrs. Allison Haldenby
Mr. Reid Simpson
Mrs. Kernaghan
Ms. Mattingley

Student Success Teacher

Ms. Mattingley

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Grade 10	Grade 11	Grade 12
Performing Arts – Dance		
ATC2O1	ATC3M1	ATC4M1
	ATP3M1	ATD4M1
Performing Arts – Drama		
ADA2O1	ADA3M1	ADA4M1
		ADD4M1
Performing Arts – Music		
AMG2O1	AMG3M1	AMG4M1
AMI2O1	AMI3M1	AMI4M1
AMV2O1	AMV3M1	AMV4M1
AMR2OC	AMR3MB	AMR3MC
AMR2OH	AMR3MG	AMR3MH
Visual Arts		
AVI2O1	AVI3O1	AWK4M1
	AVI3M1	AWL4M1
	ASM3O1	AWN4M1
	AWA3O1	AWP4M1
Business & Computer Studies		
ICS2O1	ICS3C1	ICS4C1
	BAF3M1	BAT4M1
		BOH4M1
Canadian & World Studies -- Geography		
	CGF3M1	CGW4U1
	CGG3O1	CGR4M1
Canadian & World Studies -- History		
CHC2D1	CHW3M1	CHY4U1
CHC2P1	CLU3M1	CLN4C1
CHC2L1	CLU3E1	CLN4U1
CHV2O5	HRF3O1	CHM4E1
NAC2O1		
English		
ENG2D1	NBE3U1	ENG4U1
ENG2P1	NBE3C1	ENG4C1
ENG2L1	NBE3E1	ENG4E1
		OLC4O1
Environmental Leadership Program		
		THS4M1
		THO4M1
		THS4MD
Guidance		
GLC2O5		
	GPP3O1	
		IDC4UL (Leadership)

COURSES AT A GLANCE

COURSES AT A GLANCE

Grade 10	Grade 11	Grade 12
Health & Physical Education		
PPL2OC	PPL3O1	PSK4U1
PPL2OM		PPL4O1
PPL2OF	PAF3O1	PAF4O1
PPL2OH		PLF4M1
Mathematics		
MPM2D1	MCR3U1	MCV4U1
MFM2P1	MCF3M1	MHF4U1
MAT2L1	MBF3C1	MDM4U1
	MEL3E1	MAP4C1
Moderns		
FSF2D1	FSF3U1	FSF4U1
LWSBD1	LWSCU1	LWSDU1
Science		
SNC2D1	SBI3U1	SBI4U1
SNC2P1	SCH3U1	SCH4U1
SNC2L1	SPH3U1	SPH4U1
	SBI3C1	SCH4C1
		SPH4C1
Social Sciences & Humanities		
HFN2O1	HFC3E1	HFL4E1
	HSP3U1	HSB4U1
	HPC3O1	
Technological Studies		
TCJ2O1	TCC3E1	TCC4E1
TDJ2O1	TDJ3M1	TDJ4M1
TXJ2O1	TXJ3E1	TXJ4E1
TMJ2O1	TMJ3C1	TMJ4C1
TTJ2O1	TTJ3C1	TTJ4C1
	TCJ3C1	TCJ4C1
	TEJ3M1	TEJ4M1
	TGJ3M1	TGJ4M1
	THJ3E1	THJ4E1
	THJ3M1	THJ4M1
	TMJ3M1	TMJ4M1
	TMW3E1	TMW4E1
		TTJ4E1
	TWJ3E1	TWJ4E1
Co-Operative Education		
	GWL3OD (2 credit)	GWL3OD (2 credit)
	GLN4OD (4 credit)	GLN4OD (4 credit)

SCHOOL SERVICES

STUDENT NUTRITION PROGRAM

Free breakfast is available for all students outside the main cafeteria every morning from 8:10 to 8:45. Students can choose from cereal, oatmeal, toast, fruit, cheese, yogurt, tea, cereal bars and more. This is sponsored by the school and by various community groups. Volunteers are always welcome.

GUIDANCE SERVICES

Each student has an assigned alpha counsellor. Students should consult a counsellor regarding course selections, career information, financial assistance, post-secondary school information, myBlueprint, and apprenticeship programs. Information is also available for out-of-school assistance in such areas as family counselling, psychological testing and other social services. Parents are encouraged to contact counsellors to arrange interviews.

INDIVIDUAL PATHWAYS PLAN (IPP), Grades 7 to 12

Although the student is responsible for establishing and maintaining his or her Individuals Pathways Plan, the school board must ensure that all schools with students in Grades 7-12 have a web-based IPP and a clearly delineated process in place to support students in establishing their plan and reviewing and revising it at least twice a year.

East Elgin Secondary School now offers **myBlueprint**, an individual pathway planning resource available to students at school or from home. This interactive software allows students to customize their high school course plans, track their progress towards graduation, and explore post-secondary options such as apprenticeships, college programs, university programs and workplace opportunities. To access myBlueprint:

www.myblueprint.ca/tvdsb

*****Note:** myBlueprint is intended to be a supplement to academic/career counselling provided by teachers and guidance counsellors.

HEALTH SERVICES

There are teachers trained in First Aid and CPR at the school as well as a **Medical Emergency** team which responds to situations requiring immediate medical attention. Students with particular medical needs should inform the main office in writing. Parents are urged to leave an emergency number for medical contact. If students become ill, they are to report to the main office where they will be assisted by appropriate staff. Our first procedure will be to ask a parent to pick up their sick child.

SPECIAL EDUCATION DEPARTMENT

Special Education programs and services are available to address the needs of pupils. Most pupils with special needs are able to succeed in the regular classroom. Some pupils, however, need specialized support to achieve this goal. The Special Education Department offers a variety of services and programs to help meet the needs of exceptional students.

The Learning Support Teachers (L.S.T.'s) within the department are available to assist students with specific learning disabilities or other academic difficulties through a variety of supports and interventions. Help can be accessed directly by seeing a Learning Support Teacher in the LST Resource room or by referral through Guidance Services. In the LST Resource room, students can access help in the form of interventions, accommodations, and strategies to assist them in the successful completion of their secondary school courses. Some students may be eligible for a Learning Strategies Course.

EES also has a Community Living Class for developmentally challenged students and a course for identified Gifted and/or bright and talented students. Information on these special programs is available through the Special Education Department or Guidance Services.

For access to information on the Parent Guide for Special Education or the Board's Special Education Policies and Procedures, contact the Department Head of Special Education – Mrs. Nicole Fitzgerald.

STUDENT SUCCESS TEACHER

The Ministry of Education provides funding for each secondary school to have a Student Success Teacher who knows and tracks the progress of students at risk of not graduating; who support school-wide efforts to improve outcomes for students struggling with the secondary curriculum; who provide direct support/instruction to these students in order to improve student achievement, retention, and transitions; and who work with parents and the community to support student success.

STUDENT SUCCESS TEAM

Each secondary school has a Student Success Team, comprised of the Principal or designate, the Student Success Teachers, the Guidance Department Head or designate, and Special Education Department Head or designate and other members as appropriate. The Student Success Team is responsible for two primary functions: to develop school procedures and models for the effective delivery of all student success initiatives; to track, coordinate and assume responsibility for at-risk students through the Student Success Teacher.

CREDIT RECOVERY PROGRAM

The Credit Recovery Program is one of several options for a student who has failed a credit course. Access to the Credit Recovery Program must be through a recommendation by the Credit Recovery Team and agreed to by the student and, where appropriate (e.g., students under the age of majority), the parent(s)/guardian(s) who must share some responsibility for the learning.

CREDIT RECOVERY TEAM

The Credit Recovery team is a sub-set of the school's Student Success Team, comprised of the Principal or designate, the Student Success Teachers and the Guidance Department Head or designate, and other members as appropriate. The Credit Recovery Team convenes periodically to determine the credit recovery placement of a student who has failed a credit course, after the Principal has recommended the student for placement in the Credit Recovery Program.

LIBRARY RESOURCE CENTRE

To assist students completing school work, the library provides access to a collection of non-fiction books as well as online databases. For pleasure reading, there are many novels, graphic novels, manga, and magazines. Additionally, students may use the computers, photocopier/printer, iPads, and headphones while in the library. The use of programs on our school network as well as Internet access is regulated by our computer appropriate use policy.

COMPUTER ACCESS

The library contains a computer lab and mobile devices that are available to students during the day except when classes are scheduled to use these resources. The Guidance office and SST also have computer access available for student use daily.

STUDENT ADMINISTRATIVE ORGANIZATIONS

EESS has several student organizations which allow for student leadership and student input. Students' Council is the overall student organization with student representation from all grades as well as an executive council with two co-presidents. There is also the Girls' Athletic and Boys' Athletic Association (GABAA), the Music Council and the Prefects. All of these provide school-wide leadership experience.

COMMENCEMENT EXERCISES

Academic achievements for graduating students will be recognized each year. Over \$50,000 is awarded annually in scholarships and bursaries and department awards. To be eligible, a student must have met the criteria for the award and have completed an EESS Application for Awards.

ASPIRE PROGRAM

ASPIRE

Aspire is all about helping families from Southwestern Ontario who need something different from the usual school structure. Many of our students work seasonally while earning their credits. Many come from low German-speaking Mennonite communities. Others just like the ability to work semi-independently at their own speed. Regardless, we are here to help support each student in reaching goals and achieving high school graduation.

We offer a wide variety of courses to help students meet all of their diploma requirements as well as pursue interests. Evening courses which are teacher-led have included Family Studies, Shop (a blend of automotive, welding, & woodworking), Art, Phys-Ed, and Music. If there is a course that interests a student, we will do our utmost to make sure he or she can take it. This includes college level courses of study.

COURSE DESCRIPTIONS

PERFORMING ARTS

Dance

Grade 10	Grade 11	Grade 12
ATC2O1	ATC3M1	ATC4M1
	ATP3M1	ATD4M1

ATC2O1 DANCE – 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.

This course will focus on the basic movements of one or more world dance forms, and the scientific and safety principles related to dance. Students will create movement vocabulary for dance compositions, express themselves through movement, and investigate the historical and cultural development of dance. They will also learn about creative influences on dancers and choreographers, and the role of criticism in the art of dance.

PREREQUISITE: None

ATC3M1 DANCE – University/College Preparation

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

PREREQUISITE: ATC1O1 OR ATC2O1

ATP3M1 DANCE – PERFORMANCE PRACTICE – University/College Preparation

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

PREREQUISITE: ATC1O1 OR ATC2O1

ATC4M1 DANCE – University/College Preparation

This course emphasizes the development of students' technical proficiency, fluency in the language of movement in dance genres from around the world, and understanding of dance science. Students will explain the social, cultural, and historical contexts of dance; apply the creative process through the art of dance in a variety of ways; and exhibit an understanding of the purpose and possibilities of continuing engagement in the arts as a lifelong learner. **PREREQUISITE:** ATC3M1.

ATD4M1 DANCE – COMPOSITION – University/College Preparation

This course emphasizes the development of students' artistry, improvisational and compositional skills, and technical proficiency in global dance genres. Students will apply dance elements, techniques, and tools in a variety of ways, including performance situations; describe and model responsible practices related to the dance environment; and reflect on how the study of dance affects personal and artistic development. The focus of this course is the creative process of dance composition. **PREREQUISITE:** ATC 3M1 OR ATP 3M1

Drama

Grade 10	Grade 11	Grade 12
ADA2O1	ADA3M1	ADA4M1
		ADD4M1

ADA2O1 DRAMA – Open

This course provides opportunities for students to explore dramatic forms, conventions, and techniques. Students will explore a variety of dramatic sources from various cultures and representing a range of genres. Students will use the elements of drama in creating and communicating through dramatic works. Students will assume responsibility for decisions made in the creative and collaborative processes and will reflect on their experiences. **PREREQUISITE:** None

ADA3M1 DRAMA – University/College Preparation

This course requires students to create and perform in dramatic presentations. Students will analyse, interpret, and perform dramatic works from various cultures and time periods. Students will research various acting styles and conventions that could be used in their presentations, and analyse the functions of playwrights, directors, actors, designers, technicians, and audiences. **PREREQUISITE: ADA1O1 OR ADA2O1**

ADA4M1 Drama – University/College Preparation

This course requires students to experiment individually and collaboratively with forms and conventions of both drama and theatre from various cultures and time periods. Students will interpret dramatic literature and other text and media sources while learning about various theories of directing and acting. Students will examine the significance of dramatic arts in various cultures and will analyse how the knowledge and skills developed in drama are related to their personal skills, social awareness, and goals beyond secondary school. **PREREQUISITE: ADA3M1**

ADD4M1 DRAMA PRODUCTION – University/College Preparation

This course requires students to experiment individually and collaboratively with dramatic forms and conventions of theatre production. Students will interpret and stage performances based on dramatic literature and other text and media sources while learning about various theories of directing, acting and stage production. Students will examine the significance of dramatic arts in various cultures and will analyse how the knowledge and skills developed in drama are related to their personal skills, social awareness, and goals beyond secondary school. All aspects of dramatic production, including performance, set design, lighting, costumes, stage and technical management, and marketing will be explored. **PREREQUISITE: ADA3M1**

Music

Grade 10	Grade 11	Grade 12
AMG2O1	AMG3M1	AMG4M1
AMI2O1	AMI3M1	AMI4M1
AMV2O1	AMV3M1	AMV4M1
AMR2OC	AMR3MB	AMR3MC
AMR2OH	AMR3MG	AMR3MH



AMG2O1 GUITAR MUSIC – Open

This course builds on the skills introduced in the grade 9 guitar course, in both solo and ensemble settings.

This course emphasizes the creation and performance of music at a level consistent with previous experience. Students will develop musical literacy skills by using the creative and critical analysis processes in composition, performance, and a range of reflective and analytical activities. Students will develop their understanding of musical conventions, practices, and terminology and apply the elements of music in a range of activities. They will also explore the function of music in society with reference to the self, communities, and cultures. **PREREQUISITE: None** (*It is strongly recommended that students have taken a grade 9 guitar credit.*)

AMI2O1 INSTRUMENTAL MUSIC – Open

This course emphasizes the creation and performance of music at a level consistent with previous experience. Students will develop musical literacy skills by using the creative and critical analysis processes in composition, performance, and a range of reflective and analytical activities. Students will develop their understanding of musical conventions, practices, and terminology and apply the elements of music in a range of activities. They will also explore the function of music in society with reference to the self, communities, and cultures. **PREREQUISITE: None** (*It is strongly recommended that students have taken a grade 9 instrumental music credit.*)

AMV2O1 VOCAL MUSIC – Open

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

PREREQUISITE: None.

AMG3M1 GUITAR MUSIC – University/College Preparation

This course provides students with opportunities to develop their musical literacy through the creation, appreciation, analysis, and performance of music, including traditional, commercial, and art music. Students will apply the creative process when performing appropriate technical exercises and repertoire and will employ the critical analysis processes when reflecting on, responding to, and analysing live and recorded performances. Students will consider the function of music in society and the impact of music on individuals and communities. They will explore how to apply skills developed in music to their life and careers. **PREREQUISITE: AMG1O1 OR AMG2O1** (*It is strongly recommended that students have taken AMG2O1*)

AMI3M1 INSTRUMENTAL MUSIC – University/College Preparation

This course provides students with opportunities to develop their musical literacy through the creation, appreciation, analysis, and performance of music, including traditional, commercial, and art music. Students will apply the creative process when performing appropriate technical exercises and repertoire and will employ the critical analysis processes when reflecting on, responding to, and analysing live and recorded performances. Students will consider the function of music in society and the impact of music on individuals and communities. They will explore how to apply skills developed in music to their life and careers. **PREREQUISITE: AMU1O1 OR AMU2O1 OR AMI1O1 OR AMI2O1**

AMV3M1 VOCAL MUSIC – University/College Preparation

This course provides students with opportunities to develop their musical literacy through the creation, appreciation, analysis, and performance of music, including traditional, commercial, and art music. Students will apply the creative process when performing appropriate technical exercises and repertoire and will employ the critical analysis processes when reflecting on, responding to, and analysing live and recorded performances. Students will consider the function of music in society and the impact of music on individuals and communities. They will explore how to apply skills developed in music to their life and careers. **PREREQUISITE: AMV101 OR AMV201**

AMG4M1 GUITAR MUSIC – University/College Preparation

This course enables students to enhance their musical literacy through the creation, appreciation, analysis, and performance of music. Students will perform traditional, commercial, and art music, and will respond with insight to live and recorded performances. Students will enhance their understanding of the function of music in society and the impact of music on themselves and various communities and cultures. Students will analyse how to apply skills developed in music to their life and careers. **PREREQUISITE: AMG3M1**

AMI4M1 INSTRUMENTAL Music – University/College Preparation

This course enables students to enhance their musical literacy through the creation, appreciation, analysis, and performance of music. Students will perform traditional, commercial, and art music, and will respond with insight to live and recorded performances. Students will enhance their understanding of the function of music in society and the impact of music on themselves and various communities and cultures. Students will analyse how to apply skills developed in music to their life and careers. **PREREQUISITE: AMU3M1 OR AMI3M1**

AMV4M1 VOCAL MUSIC – University/College Preparation

This course enables students to enhance their musical literacy through the creation, appreciation, analysis, and performance of music. Students will perform traditional, commercial, and art music, and will respond with insight to live and recorded performances. Students will enhance their understanding of the function of music in society and the impact of music on themselves and various communities and cultures. Students will analyse how to apply skills developed in music to their life and careers. **PREREQUISITE: AMV3M1**

****Additional Music Credits Offered Outside of the Regular School Day*******BAND REPERTOIRE*****AMR2OC, 3MB, 3MC – Open**

These ½ credit courses utilize the study of band repertoire to enrich and expand the experience of the students who are enrolled in a full credit music course. These courses will be scheduled before the regular school day, two days a week for the full school year. These courses emphasize the performance of music that strikes a balance between challenge and skill and is aimed at developing technique, sensitivity, and imagination.

GUITAR ENSEMBLE**AMR2OH, 3MG, 3MH – Open**

These ½ credit courses utilize the study of guitar ensemble to enrich and expand the experience of the students who are enrolled in a full credit music course. These courses will be scheduled outside of the regular class times for the full school year. These courses emphasize the performance of guitar music that strikes a balance between challenge and skill and is aimed at developing technique, sensitivity, and imagination.

VISUAL ARTS

Grade 10	Grade 11	Grade 12
AVI2O1	AVI3O1	AWK4M1
	AVI3M1	AWL4M1
	ASM3O1	AWN4M1
	AWA3O1	AWP4M1

AVI2O1 VISUAL ARTS – Open

This course enables students to develop their skills in producing and presenting art by introducing them to new ideas, materials, and processes for artistic exploration and experimentation. Students will apply the elements and principles of design when exploring the creative process. Students will use the critical analysis process to reflect on and interpret art within a personal, contemporary, and historical context. **PREREQUISITE: None**

AVI3M1 VISUAL ARTS – University/College Preparation

This course enables students to further develop their knowledge and skills in visual arts. Students will use the creative process to explore a wide range of themes through studio work that may include drawing, painting, sculpting, and printmaking, as well as the creation of collage, multimedia works, and works using emergent technologies. Students will use the critical analysis process when evaluating their own work and the work of others. The course may be delivered as a comprehensive program or through a program focused on a particular artform (e.g. photography, video, computer graphics, information design). **PREREQUISITE: AVI1O1 OR AVI2O1**

AVI3O1 VISUAL ARTS – Open

This course focuses on studio activities in the visual arts, such as drawing, painting, sculpture, photography, printmaking, collage, and/or multimedia art. Students will use the creative process to create art works that reflect a wide range of subjects and will evaluate works using the critical analysis process. Students will also explore works of art within a personal, contemporary, historical, and cultural context. **PREREQUISITE: None**

ASM3O1 MEDIA ARTS – Open

This course enables students to create media art works using available and emerging technologies such as computer animation, digital imaging, video, and a variety of media. Students will explore the elements and principles of media arts, the connections between contemporary media art works and traditional art forms, and the importance of using responsible practices when engaged in the creative process. Students will develop the skills necessary to create and interpret media art works. **PREREQUISITE: None**

AWA3O1 CRAFTS, Grade 11, Open

This course focuses on studio activities in one or more of the visual arts, including drawing, painting, sculpture, photography, printmaking, collage, and/or multimedia art. Students will use the creative process to create art works that reflect a wide range of subjects and will evaluate works using the critical analysis process. Students will also explore works of art within a personal, contemporary, historical, and cultural context. ***This visual art course will have a focus on crafts. **PREREQUISITE: None**

GRADE 12 VISUAL ARTS

AWK4M1 VISUAL ARTS - ILLUSTRATION – University/College Preparation

This course focuses on enabling students to refine their use of the creative process when creating and presenting two- and three-dimensional art works using a variety of traditional and emerging media and technologies. Students will use the critical analysis process to deconstruct art works and explore connections between art and society. The studio program enables students to explore a range of materials, processes, and techniques that can be applied in their own art production. Students will also make connections between various works of art in personal, contemporary, historical, and cultural contexts. **PREREQUISITE: AVI3M1**

AWL4M1 VISUAL ARTS – DRAWING – University/College Preparation

This course focuses on enabling students to refine their use of the creative process when creating and presenting two- and three-dimensional art works using a variety of traditional and emerging media and technologies. Students will use the critical analysis process to deconstruct art works and explore connections between art and society. The studio program enables students to explore a range of materials, processes, and techniques that can be applied in their own art production. Students will also make connections between various works of art in personal, contemporary, historical, and cultural contexts. **PREREQUISITE: AVI3M1**

AWN4M1 visual arts - Painting – University/College Preparation

This course focuses on enabling students to refine their use of the creative process when creating and presenting two- and three-dimensional art works using a variety of traditional and emerging media and technologies. Students will use the critical analysis process to deconstruct art works and explore connections between art and society. The studio program enables students to explore a range of materials, processes, and techniques that can be applied in their own art production. Students will also make connections between various works of art in personal, contemporary, historical, and cultural contexts. **PREREQUISITE: AVI3M1**

AWP4M1 VISUAL ARTS – sculpture – University/College Preparation

This course focuses on enabling students to refine their use of the creative process when creating and presenting two- and three-dimensional art works using a variety of traditional and emerging media and technologies. Students will use the critical analysis process to deconstruct art works and

explore connections between art and society. The studio program enables students to explore a range of materials, processes, and techniques that can be applied in their own art production. Students will also make connections between various works of art in personal, contemporary, historical, and cultural contexts. **PREREQUISITE: AVI3M1**

BUSINESS & COMPUTER STUDIES

Grade 10	Grade 11	Grade 12
ICS2O1	ICS3C1	ICS4C1
BEP2O1	BAF3M1	BAT4M1
		BOH4M1

ICS2O1 INTRODUCTION TO COMPUTER STUDIES – 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

BEP2O1 LAUNCHING AND LEADING A BUSINESS

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

PREREQUISITE: None

BAF3M1 FINANCIAL ACCOUNTING FUNDAMENTALS – University/College Preparation

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

PREREQUISITE: None

ICS3C1 INTRODUCTION TO COMPUTER PROGRAMMING – College Preparation

This course introduces students to computer programming concepts and practices. Students will write and test computer programs, using various problem-solving strategies. They will learn the fundamentals of program design and apply a software development life-cycle model to a software development project. Students will also learn about computer environments and systems, and explore environmental issues related to computers, safe computing practices, emerging technologies, and postsecondary opportunities in computer-related fields. **PREREQUISITE: None**

BAT4M1 Financial Accounting Principles – University/College Preparation

This course introduces students to advanced accounting principles that will prepare them for postsecondary studies in business. Students will learn about financial statements for various forms of business ownership and how those statements are interpreted in making business decisions. This course expands students' knowledge of sources of financing, further develops accounting methods for assets, and introduces accounting for partnerships and corporations. **Prerequisite: BAF3M1**

BOH4M1 BUSINESS LEADERSHIP: MANAGEMENT Fundamentals – University/College Preparation

This course focuses on the development of leadership skills used in managing a successful business. Students will analyse the role of a leader in business with a focus on decision making, management of group dynamics, workplace stress and conflict, motivation of employees, and planning. Effective business communication skills, ethics, and social responsibility will be emphasized throughout the course. **PREREQUISITE: None**

ICS4C1 COMPUTER PROGRAMMING – College Preparation

This course further develops students' computer programming skills. Students will learn object-oriented programming concepts, create object-oriented software solutions, and design graphical user interfaces. Student teams will plan and carry out a software development project using industry-standard programming tools and proper project management techniques. Students will also investigate ethical issues in computing, and expand their understanding of environmental issues, emerging technologies, and computer-related careers. **PREREQUISITE: ICS3C1**

CANADIAN & WORLD STUDIES

Geography

Grade 10	Grade 11	Grade 12
	CGF3M1	CGW4U1
	CGG3O1	CGR4M1

CGF3M1 FORCES OF NATURE: PHYSICAL PROCESSES AND DISASTERS – University/College Preparation

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: CGC1W1, CGC1D1, OR CGC1P1

CGG3O1 Travel and Tourism: A GEOGRAPHIC PERSPECTIVE – Open

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

Prerequisite: CGC1w1, CGC1D1, or CGC1P1

CGW4U1 World Issues: A Geographic Analysis – University Preparation

In this course, students will address the challenge of creating a more sustainable and equitable world. They will explore issues involving a wide range of topics, including economic disparities, threats to the environment, globalization, human rights, and quality of life, and will analyse government policies, international agreements, and individual responsibilities relating to them. Students will apply the concepts of geographic thinking and the geographic inquiry process, including the use of spatial technologies, to investigate these complex issues and their impacts on natural and human communities around the world. **PREREQUISITE:** ANY UNIVERSITY OR UNIVERSITY/COLLEGE PREPARATION COURSE IN CANADIAN AND WORLD STUDIES, ENGLISH, OR SOCIAL SCIENCES AND HUMANITIES

CGR4M1 The Environment and Resource Management – University/College Preparation

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. Through 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

History

Grade 10	Grade 11	Grade 12
CHC2D1	CHW3M1	CHY4U1
CHC2P1	CLU3M1	CLN4C1
CHC2L1	CLU3E1	CLN4U1
CHV2O5	HRF3O1	CHM4E1
NAC2O1		

CHC2D1 CANADIAN HISTORY SINCE WORLD WAR I – 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**

CHC2P1 CANADIAN HISTORY SINCE WORLD WAR I – Applied

This course focuses on the social context of historical developments and events and how they have affected the lives of people in Canada, including First Nations, Métis, and Inuit individuals and communities, since 1914. Students will explore interactions between various communities in Canada as well as contributions of individuals and groups to heritage and identities in Canada. Students will develop an understanding of some key political developments and government policies that have had an impact on First Nations, Métis, and Inuit individuals and communities. They will develop their ability to apply the concepts of historical thinking and the historical inquiry process, including the interpretation and analysis of evidence, when investigating the continuing relevance of historical developments and how they have helped shape communities in present-day Canada. **PREREQUISITE: None**

CHC2L1 CANADIAN HISTORY SINCE WORLD WAR I – Locally Developed

This course focuses on the connections between the student and key people, events, and themes in Canadian history from World War I to the present. Students prepare for the Grades 11 and 12 Workplace Preparation history courses through the development and extension of historical literacy and inquiry 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 practice reading, writing, visual, and oral literacy skills, and mathematical literacy skills to identify and communicate ideas in a variety of forms. **PREREQUISITE: None**

CHV2O5 CIVICS & CITIZENSHIP – Open

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

THIS HALF CREDIT COURSE MUST BE TAKEN WITH CAREER STUDIES (GLC2O5).

NAC2O1 FIRST NATIONS, MÉTIS, AND INUIT IN CANADA – Open

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

THIS COURSE COUNTS TOWARDS YOUR GRADE 10 HISTORY CREDIT (CHC2D/2P ALTERNATE)

CHW3M1 WORLD HISTORY TO THE END OF THE FIFTEENTH CENTURY – University/College Preparation

This course explores the history of various societies and civilizations around the world, from earliest times to around 1500 CE. Students will investigate a range of factors that contributed to the rise, success, and decline of various ancient and pre-modern societies throughout the world and will examine life in and the cultural and political legacy of these societies. Students will extend their ability to apply the concepts of historical thinking and the historical inquiry process, including the interpretation and analysis of evidence, when investigating social, political, and economic structures and historical forces at work in various societies and in different historical eras. **PREREQUISITE: CHC2D1 OR CHC2P1**

This course will be offered alternative years **Note: This course will be offered in 2021-2022 and then alternating years after that.**

CLU3M1 UNDERSTANDING CANADIAN LAW – University/College Preparation

This course explores Canadian law, with a focus on legal issues that are relevant to the lives of people in Canada. Students will gain an understanding of laws relating to rights and freedoms in Canada; our legal system; and family, contract, employment, tort, and criminal law. Students will develop legal reasoning skills and will apply the concepts of legal thinking and the legal studies inquiry process when investigating a range of legal issues and formulating and communicating informed opinions about them. **PREREQUISITE: CHC2D1 OR CHC2P1**

CLU3E1 UNDERSTANDING CANADIAN LAW IN EVERYDAY LIFE – Workplace Preparation

This course enables students to develop a practical understanding of laws that affect the everyday lives of people in Canada, including their own lives. Students will gain an understanding of the need for laws, and of their rights, freedoms, and responsibilities under Canadian law. Topics include laws relating to marriage, the workplace, cyberbullying, and criminal offences. Students will begin to develop legal reasoning skills and will apply the concepts of legal thinking and the legal studies inquiry process when investigating legal issues that are relevant to life in Canada today.

PREREQUISITE: CHC2D1, CHC2P1 OR CHC 2L1

HRF3O1 WORLD RELIGIONS AND BELIEF TRADITIONS IN DAILY LIFE – Open

This course enables students to study world religions and belief traditions in local, Canadian, and global contexts. Students will explore aspects of the human quest for meaning and will examine world religions and belief traditions as exemplified in various sacred teachings and principles, rites, and passages. They will also study the interaction throughout history between society and various belief traditions and will have opportunities to develop research and inquiry skills related to the study of world religions and belief traditions. **PREREQUISITE: None**

CHY4U1 WORLD HISTORY SINCE THE FIFTEENTH CENTURY – University Preparation

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

CLN4C1 LEGAL STUDIES – College

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

PREREQUISITE: CHV 2O1

CLN4U1 Canadian and International Law – University Preparation

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

PREREQUISITE: ANY UNIVERSITY OR UNIVERSITY/COLLEGE COURSE IN CANADIAN AND WORLD STUDIES, ENGLISH, OR SOCIAL SCIENCES AND HUMANITIES

CHM4E1 Adventures in World History – Workplace Preparation

This course examines significant developments and events in world history from earliest times to the present. Students will explore a variety of social, cultural, economic, and political developments in different regions of the world and during different periods. In addition to investigating how conflict, religion, work, and technology have helped shape people's lives, students will examine the contributions of some significant individuals to our global heritage. Students will apply the concepts of historical thinking and the historical inquiry process, including the interpretation and analysis of evidence, when investigating a variety of human experiences in world history. **PREREQUISITE: CHC2D1, CHC2P1 OR CHC 2L1**

ENGLISH

Grade 10	Grade 11	Grade 12
ENG2D1	NBE3U1	ENG4U1
ENG2P1	NBE3C1	ENG4C1
ENG2L1	NBE3E1	ENG4E1
		OLC4O1

ENG2D1 ENGLISH – Academic

This course is designed to extend the range of oral communication, reading, writing, and media literacy skills that students need for success in their secondary school academic programs and in their daily lives. Students will analyse literary texts from contemporary and historical periods, interpret and evaluate informational and graphic texts, and create oral, written, and media texts in a variety of forms. An important focus will be on the selective use of strategies that contribute to effective communication. This course is intended to prepare students for the compulsory Grade 11 university or college preparation course. **PREREQUISITE: ENL1W1**

ENG2P1 ENGLISH – Applied

This course is designed to extend the range of oral communication, reading, writing, and media literacy skills that students need for success in secondary school and daily life. Students will study and create a variety of informational, literary, and graphic texts. An important focus will be on the consolidation of strategies and processes that help students interpret texts and communicate clearly and effectively. This course is intended to prepare students for the compulsory Grade 11 college or workplace preparation course. **PREREQUISITE: ENL1W1**

ENG2L1 ENGLISH – Locally Developed

In this course, students focus on extending their literacy and communication skills to prepare for success in their daily lives, in the workplace, and in the English Grade 11 Workplace Preparation course. The course is organized into strands that extend listening and speaking skills, reading and viewing skills, and writing skills. In all strands, the focus is on refining foundational literacy skills and on using language clearly and accurately in a variety of authentic contexts. Students build on their strategies and engage in the processes involved in speaking, listening, reading, viewing, writing, and thinking, and reflect regularly upon their growth in these areas. **Prerequisite: ENG1L1**

NBE3U1 ENGLISH: Understanding Contemporary First Nations, Métis, and Inuit Voices – University Preparation

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

PREREQUISITE: ENG2D1

NBE3C1 ENGLISH: Understanding Contemporary First Nations, Métis, and Inuit Voices – College Preparation

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

PREREQUISITE: ENG2P1

NBE3E1 ENGLISH: Understanding Contemporary First Nations, Métis, and Inuit Voices – Workplace Preparation

This course explores themes, forms, and stylistic elements of literary, informational, graphic, oral, cultural, and media texts emerging from First Nations, Métis, and Inuit cultures in Canada, as well as some texts that relate to those cultures. In order to better understand contemporary texts, students will explore connections between traditional and contemporary text forms and cultural and community aspects of identity, relationships, and self-determination, sovereignty, or self-governance. Students will also create oral, written, and media texts focusing on the development of literacy, communication, and critical thinking skills necessary for success in the workplace and daily life. The course is intended to prepare students for the compulsory Grade 12 English workplace preparation course.

PREREQUISITE: ENG2P1 OR ENG2L1

ENG4U1 English – University Preparation

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

Prerequisite: ENG3U1

ENG4C1 English – College Preparation

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

Prerequisite: Eng3C1

ENG4E1 ENGLISH – Workplace Preparation

This course emphasizes the consolidation of literacy, communication, and critical and creative thinking skills necessary for success in the workplace and in daily life. Students will analyse informational, graphic, and literary texts and create oral, written, and media texts in a variety of forms for workplace-related and practical purposes. An important focus will be on using language accurately and organizing ideas and information coherently. The course is intended to prepare students for the workplace and active citizenship. **PREREQUISITE: ENG3E1**

OLC4O1 ONTARIO SECONDARY SCHOOL LITERACY COURSE – 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 (OSSLT). 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 portfolio containing a record of their reading experiences and samples of their writing. **ELIGIBILITY: Students who have been eligible to write the Ontario Secondary School Literacy Test (OSSLT) at least twice, and have been unsuccessful at least once, are eligible to take this course to achieve both a Grade 12 credit and their literacy credential for graduation.**

GUIDANCE

Grade 10	Grade 11	Grade 12
GLC2O5		
	GPP3O1	
		IDC4UL (Leadership)

GLC2O5 CAREER STUDIES – Open

This course teaches students how to develop and achieve personal goals in education and work and contribute to their communities. Student learning will include assessing their own knowledge, skills, and characteristics and investigating economic trends, workplace organization, work opportunities, and ways to search for work. The course explores post-secondary learning options, prepares students for community-based learning, and helps them build the capabilities needed for managing work and life transitions. Students will design action plans for pursuing their goals.

THIS HALF CREDIT COURSE MUST BE TAKEN WITH CIVICS (CHV2O5).

GPP3O1 LEADERSHIP AND PEER SUPPORT – 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** *Note: Students requesting this course must submit an application which is available in Guidance and must meet approval by the Department and Administration.*

IDC4UL InterdiscipLinary studies: IEADERSHIP – University Preparation

This course will help students develop and consolidate the skills required for and knowledge of different subjects and disciplines to solve problems, make decisions, create personal meaning, and present findings beyond the scope of a single subject or discipline. Students will apply the principles and processes of inquiry and research to effectively use a range of print, electronic, and mass media resources; to analyse historical innovations and exemplary research; and to investigate real-life situations and career opportunities in interdisciplinary endeavours. They will also assess their own cognitive and affective strategies, apply general skills in both familiar and new contexts, create innovative products, and communicate new knowledge. **PREREQUISITE: ANY UNIVERSITY OR UNIVERSITY/COLLEGE PREPARATION COURSE.**

Note: If students take both IDC4UL and IDC4UE they will earn only one credit. The course with the highest mark will count as one credit and may be considered as a repeated course for university admission through OUAC.

HEALTH & PHYSICAL EDUCATION

Grade 10	Grade 11	Grade 12
PPL2OC	PPL3O1	PSK4U1
PPL2OM		PPL4O1
PPL2OF	PAF3O1	PAF4O1
PPL2OH		PLF4M1

PPL2OC HEALTHY ACTIVE LIVING EDUCATION – Co-ed

This course enables students to further develop the knowledge and skills they need to make healthy choices now and lead healthy, active lives in the future. Through participation in a wide range of physical activities, students develop knowledge and skills related to movement competence and personal fitness that provide a foundation for active living. Students also acquire an understanding of the factors and skills that contribute to healthy development and learn how their own well-being is affected by, and affects, the world around them. Students build their sense of self, learn to interact positively with others, and develop their ability to think critically and creatively. **PREREQUISITE: None**

PPL2O (M/F/H) HEALTHY ACTIVE LIVING EDUCATION

This course enables students to further develop the knowledge and skills they need to make healthy choices now and lead healthy, active lives in the future. Through participation in a wide range of physical activities, students develop knowledge and skills related to movement competence and personal fitness that provide a foundation for active living. Students also acquire an understanding of the factors and skills that contribute to healthy development and learn how their own well-being is affected by, and affects, the world around them. Students build their sense of self, learn to interact positively with others, and develop their ability to think critically and creatively. **PREREQUISITE: None**

PPL2OM – Male, PPL2OF – Female, PPL2OH - Hockey

PPL3O1 HEALTHY ACTIVE LIVING EDUCATION – Open

This course enables students to further develop the knowledge and skills they need to make healthy choices now and lead healthy, active lives in the future. Through participation in a wide range of physical activities and exposure to a broader range of activity settings, students enhance their movement competence, personal fitness, and confidence. Students also acquire an understanding of the factors and skills that contribute to healthy development and learn how their own well-being is affected by, and affects, the world around them. Students build their sense of self, learn to interact positively with others, and develop their ability to think critically and creatively. **PREREQUISITE: None**

PAF3o1 PERSONAL HEALTH AND FITNESS ACTIVITIES – Open

This course enables students to further develop the knowledge and skills they need to make healthy choices now and lead healthy, active lives in the future. Through participation in a wide range of fitness 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. **The focus will be on personal health and fitness activities. PREREQUISITE: None**

PSK4U1 INTRODUCTORY KINESIOLOGY – University Preparation

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

PREREQUISITE: ANY GRADE 11 UNIVERSITY OR UNIVERSITY/COLLEGE COURSE IN SCIENCE, OR ANY GRADE 11 OR 12 OPEN COURSE IN HEALTH AND PHYSICAL EDUCATION.

PPL4O1 Healthy Active Living Education – Open

This course enables students to further develop the knowledge and skills they need to make healthy choices. It places special emphasis on how students can maintain the habits of healthy, active living throughout their lives as they make the transition to adulthood and independent living. Through participation in a wide range of physical activities in a variety of settings, students can enhance their movement competence, personal fitness, and confidence. Students also acquire an understanding of the factors and skills that contribute to healthy development and learn how their own well-being is affected by, and affects, the world around them. Students build their sense of self, learn to interact positively with others, and develop their ability to think critically and creatively. **PREREQUISITE: None**

PAF4O1 PERSONAL HEALTH AND FITNESS ACTIVITIES – Open

This course enables students to further develop the knowledge and skills they need to make healthy choices. It places special emphasis on how students can maintain the habits of healthy, active living throughout their lives as they make the transition to adulthood and independent living. Through participation in a wide range of fitness 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. **The focus will be on personal health and fitness activities. PREREQUISITE: None**

PLF4M1 RECREATION AND HEALTHY ACTIVE LIVING LEADERSHIP – University/College Preparation

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

PREREQUISITE: ANY HEALTH AND PHYSICAL EDUCATION COURSE.

MATHEMATICS

Grade 10	Grade 11	Grade 12
MPM2D1	MCR3U1	MCV4U1
MFM2P1	MCF3M1	MHF4U1
MAT2L	MBF3C1	MDM4U1
	MEL3E1	MAP4C1



MPM2D1 PRINCIPLES OF MATHEMATICS – Academic

This course enables students to broaden their understanding of relationships and extend their problem-solving and algebraic skills through investigation, the effective use of technology, and abstract reasoning. Students will explore quadratic relations and their applications; solve and apply linear systems; verify properties of geometric figures using analytic geometry; and investigate the trigonometry of right and acute triangles. Students will reason mathematically as they solve multistep problems and communicate their thinking. **PREREQUISITE: MTH1W1**

MFM2P1 FOUNDATIONS OF MATHEMATICS – Applied

This course enables students to consolidate their understanding of linear relations and extend their problem-solving and algebraic skills through investigation, the effective use of technology, and hands-on activities. Students will develop and graph equations in analytic geometry; solve and apply linear systems, using real-life examples; and explore and interpret graphs of quadratic relations. Students will investigate similar triangles, the trigonometry of right-angled triangles, and the measurement of three-dimensional objects. Students will consolidate their mathematical skills as they solve problems and communicate their thinking. **PREREQUISITE: MTH1W1**

MAT2L ESSENTIAL MATHEMATICS – Locally Developed

This course emphasizes further development of mathematical knowledge and skills to prepare students for success in their everyday lives, in the workplace, and in the Grade 11 and Grade 12 Mathematics Workplace Preparation courses. This course is organized into nine units, as described below. In all units, the focus is on developing and consolidating key foundational mathematical concepts and skills by solving authentic, everyday problems. Students have opportunities to further develop their mathematical literacy and problem-solving skills and to continue developing their skills in reading, writing, oral language and through relevant and practical math activities. **PREREQUISITE: None**

MCR3U1 FUNCTIONS – University Preparation

This course introduces the mathematical concept of the function by extending students' experiences with linear and quadratic relations. Students will investigate properties of discrete and continuous functions, including trigonometric and exponential functions; represent functions numerically, algebraically, and graphically; solve problems involving applications of functions; investigate inverse functions and develop facility in determining

equivalent algebraic expressions. Students will reason mathematically and communicate their thinking as they solve multi-step problems.
PREREQUISITE: MPM2D1

MCF3M1 FUNCTIONS AND APPLICATIONS – University/College Preparation

This course introduces basic features of the function by extending students' experiences with quadratic relations. It focuses on quadratic, trigonometric, and exponential functions and their use in modelling real-world situations. Students will represent functions numerically, graphically, and algebraically; simplify expressions; solve equations; and solve problems relating to applications. Students will reason mathematically and communicate their thinking as they solve multi-step problems. **PREREQUISITE: MPM2D1 OR high achievement in MFM2P1**

MBF3C1 FOUNDATIONS FOR COLLEGE MATHEMATICS – College Preparation

This course enables students to broaden their understanding of mathematics as a problem-solving tool in the real world. Students will extend their understanding of quadratic relations; investigate situations involving exponential growth; solve problems involving compound interest; solve financial problems connected with vehicle ownership; develop their ability to reason by collecting, analysing, and evaluating data; connect probability and statistics; and solve problems in geometry and trigonometry. Students will consolidate their mathematical skills as they solve problems and communicate their thinking. **PREREQUISITE: MFM2P1**

MEL3E1 MATHEMATICS FOR WORK AND EVERYDAY LIFE – Workplace Preparation

This course enables students to broaden their understanding of mathematics as it is applied in the workplace and daily life. Students will solve problems associated with earning money, paying taxes, and making purchases; apply calculations of simple and compound interest in saving, investing, and borrowing; and calculate the costs of transportation and travel in a variety of situations. Students will consolidate their mathematical skills as they solve problems and communicate their thinking. **PREREQUISITE: MPM1D1 OR MFM1P1 OR MAT1L1**

Note: This course will be offered in 2022-2023 and then alternating years after that.

MCV4U1 CALCULUS AND VECTORS – University Preparation

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

PREREQUISITE: MHF4U1 Note: Advanced Functions can be taken concurrently with or can precede Calculus and Vectors.

MHF4U1 Advanced Functions – University Preparation

This course extends students' experience with functions. Students will investigate the properties of polynomial, rational, logarithmic, and trigonometric functions; develop techniques for combining functions; broaden their understanding of rates of change; and develop facility in applying these concepts and skills. Students will also refine their use of the mathematical processes necessary for success in senior mathematics. This course is intended both for students taking the calculus and vectors course as a prerequisite for a university program and for those wishing to consolidate their understanding of mathematics before proceeding to any one of a variety of university programs. **PREREQUISITE: MCR3U1 or MCT4C1**

MDM4U1 Mathematics of Data Management – University Preparation

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

Prerequisite: MCR3U1 or MCF3M1

MAP4C1 FOUNDATIONS FOR COLLEGE MATHEMATICS – College Preparation

This course enables students to broaden their understanding of real-world applications of mathematics. Students will analyse data using statistical methods; solve problems involving applications of geometry and trigonometry; solve financial problems connected with annuities, budgets and renting or owning accommodation; simplify expressions; and solve equations. Students will reason mathematically and communicate their thinking as they solve multi-step problems. This course prepares students for college programs in areas such as business, health sciences, and human services, and for certain skilled trades. **PREREQUISITE: MBF3C1 OR MCF3M1 OR MCR3U1**

MODERNS

Grade 10	Grade 11	Grade 12
FSF2D1	FSF3U1	FSF4U1
LWSBD1	LWSCU1	LWSDU1

FSF2D1 CORE FRENCH – 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 continue to develop their language knowledge and skills 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 continue to develop the skills necessary to become life-long language learners. **PREREQUISITE: FSF1D1 or fsflp1**

LWSBD1 SPANISH – Academic

This course provides students with the Spanish language learning experiences that will enable them to communicate in the language of study. Students will apply their speaking skills and pursue activities to improve their reading comprehension and writing skills. Students will continue to explore a range of cultural aspects of the language. **PREREQUISITE: None**

FSF3U1 CORE FRENCH – University Preparation

This course offers students extended opportunities to speak and interact in real-life situations in French with greater independence. Students will develop their creative and critical thinking skills through responding to and exploring a variety of oral and written texts. They will continue to broaden their understanding and appreciation of diverse French-speaking communities and to develop the skills necessary for life-long language learning. **PREREQUISITE: FSF2D1**

LWSCU1 SPANISH – University Preparation

This course offers students further opportunities to develop their knowledge of Spanish and to enhance their communication skills. Students use increasingly sophisticated language in a variety of activities that enable them to speak and write with clarity and accuracy. Using a variety of print and technological resources, students also enhance their thinking skills through the critical study of literature and continue to explore aspects of the culture of the countries where the language is spoken. Videos, songs and short stories will be part of the course. **PREREQUISITE: LWSBD1**

FSF4U1 Core French – University Preparation

This course provides extensive opportunities for students to speak and interact in French independently. Students will apply language-learning strategies in a wide variety of real-life situations and will continue to develop their creative and critical thinking skills through responding to and interacting with a variety of oral and written texts. Students will also continue to enrich their understanding and appreciation of diverse French-speaking communities and to develop the skills necessary for life-long language learning. **PREREQUISITE: FSF3U1**

LWSDU1 SPANISH – University Preparation

This course prepares students for university studies in the international language. Students will enhance their ability to use Spanish with clarity and precision, and will develop the language skills needed to engage in sustained conversations and discussions, understand and evaluate information, read diverse materials for both study and pleasure, and write clearly and effectively. Students will also have opportunities to add to their knowledge of the culture of countries where the language is spoken through the use of community resources and computer technology. **PREREQUISITE: LWSCU1**

SCIENCE

Grade 10	Grade 11	Grade 12
SNC2D1	SBI3U1	SBI4U1
SNC2P1	SCH3U1	SCH4U1
SNC2L1	SPH3U1	SPH4U1
	SBI3C1	SCH4C1
		SPH4C1

SNC2D1 SCIENCE – 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: SNC1W1**

SNC2P1 SCIENCE – 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: SNC1W1**

SNC2L1 SCIENCE – Locally Developed

This course emphasizes reinforcing and strengthening science-related knowledge and skills, including scientific inquiry, critical thinking, and the environmental impact of science and technology, to prepare students for success in everyday life and in the workplace. Students explore a range of topics including science in the media, interactions of common materials, interdependence of organisms in communities, and using electrical energy. Students have the opportunity to extend mathematical and scientific process skills and to continue developing their skills in reading, writing, and oral language through relevant and practical science activities. **PREREQUISITE: SNC1L1**

SBI3U1 BIOLOGY – University Preparation

This course furthers students' understanding of the processes that occur in biological systems. Students will study theory and conduct investigations in the areas of biodiversity; evolution; genetic processes; the structure and function of animals; and the anatomy, growth, and function of plants. The course focuses on the theoretical aspects of the topics under study, and helps students refine skills related to scientific investigation. **PREREQUISITE: SNC2D1**

SCH3U1 CHEMISTRY – University Preparation

This course enables students to deepen their understanding of chemistry through the study of the properties of chemicals and chemical bonds; chemical reactions and quantitative relationships in those reactions; solutions and solubility; and atmospheric chemistry and the behaviour of gases. Students will further develop their analytical skills and investigate the qualitative and quantitative properties of matter, as well as the impact of some common chemical reactions on society and the environment. **PREREQUISITE: SNC2D1**

SPH3U1 PHYSICS – University Preparation

This course develops students' understanding of the basic concepts of physics. Students will explore kinematics, with an emphasis on linear motion; different kinds of forces; energy transformations; the properties of mechanical waves and sound; and electricity and magnetism. They will enhance their scientific investigation skills as they test laws of physics. In addition, they will analyse the interrelationships between physics and technology, and consider the impact of technological applications of physics on society and the environment. **PREREQUISITE: SNC2D1**

SBI3C1 BIOLOGY – College Preparation

This course focuses on the processes that occur in biological systems. Students will learn concepts and theories as they conduct investigations in the areas of cellular biology, microbiology, genetics, the anatomy of mammals, and the structure of plants and their role in the natural environment. Emphasis will be placed on the practical application of concepts and on the skills needed for further study in various branches of the life sciences and related fields. **PREREQUISITE: SNC2D1 OR SNC2P1**

SBI4U1 Biology – University Preparation

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. It is **recommended** that the student has previously taken Grade 11 Chemistry (SCH3U1). **Prerequisite: SBI3U1**

SCH4U1 Chemistry – University Preparation

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. It is **recommended** that the student have MCR 3U1 or MCF 3M1. **PREREQUISITE: SCH3U1**

SPH4U1 Physics – University Preparation

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. It is **recommended** that the student have MCR 3U1 or MCF 3M1. **PREREQUISITE: SPH3U1**

SCH4C1 CHEMISTRY – College Preparation

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 of 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: SNC2D1 OR SNC2P1**

SPH4C1 Physics – College Preparation

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 well as to the operation of commonly used tools and equipment. They will develop scientific inquiry skills as they verify accepted laws of physics and solve both assigned problems and those emerging from their investigations. Students will also consider the impact of technological applications of physics on society and the environment.

Prerequisite: SNC2D1 or SNC2P1

SOCIAL SCIENCES & HUMANITIES

Family Studies

Grade 10	Grade 11	Grade 12
HFN201	HFC3E1	HFL4E1
	HSP3U1	HSB4U1
	HPC3O1	

HFN201 FOOD AND NUTRITION – Open

This course focuses on guidelines for making nutritious food choices. Students will investigate factors that influence food choices, including beliefs, attitudes, current trends, traditional eating patterns, food marketing strategies, and individual needs. Students will also explore the environmental impact of a variety of food choices at the local and global level. The course provides students with opportunities to develop food preparation skills and introduces them to the use of social science research methods in the area of food and nutrition. **Note: Students with food allergies should be aware that there is food handling and processing in this course. PREREQUISITE: None**

HFC3E1 FOOD AND CULTURE – Workplace Preparation

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. **Note: Students with food allergies should be aware that there is food handling and processing in this course. PREREQUISITE: None**

HSP3U1 INTRODUCTION TO ANTHROPOLOGY, PSYCHOLOGY, AND SOCIOLOGY – University Preparation

This course provides students with opportunities to think critically about theories, questions, and issues related to anthropology, psychology, and sociology. Students will develop an understanding of the approaches and research methods used by social scientists. They will be given opportunities to explore theories from a variety of perspectives, to conduct social science, and to become familiar with current thinking on a range of issues within the three disciplines. **PREREQUISITE: ENG2D1 OR CHC2D1**

HPC3O1 RAISING HEALTHY CHILDREN – Open

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

HFL4E1 Food and Healthy Living – Workplace Preparation

This course focuses on the fundamental food needs of young adults. Students will learn how to stock a kitchen, make nutritious food choices, and accommodate the food needs of others. Through a range of practical experiences, they will develop skills needed in food preparation for personal use and for employment in the food industry. They will also learn about dining etiquette in different contexts and about responsible consumer practices. Students will use social science research methods to investigate issues related to food preparation and nutrition. **Note: Students with food allergies should be aware that there is food handling and processing in this course. PREREQUISITE: None**

HSB4U1 Challenge and change in society – University Preparation

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

TECHNOLOGICAL EDUCATION

Grade 10	Grade 11	Grade 12
TCJ2O1	TCC3E1	TCC4E1
TDJ2O1	TDJ3M1	TDJ4M1
TXJ2O1	TXJ3E1	TXJ4E1
TMJ2O1	TMJ3C1	TMJ4C1
TTJ2O1	TTJ3C1	TTJ4C1
	TCJ3C1	TCJ4C1
	TEJ3M1	TEJ4M1
	TGJ3M1	TGJ4M1
	THJ3E1	THJ4E1
	THJ3M1	THJ4M1
	TMJ3M1	TMJ4M1
	TMW3E1	TMW4E1
		TTJ4E1
	TWJ3E1	TWJ4E1

GRADE 10 COURSES

TCJ2O1 CONSTRUCTION TECHNOLOGY – 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**

TDJ2O1 TECHNOLOGICAL DESIGN – Open

This course provides students with opportunities to apply a design process to meet a variety of technological challenges. Students will research projects, create designs, build models and/or prototypes, and assess products and/or processes using appropriate tools, techniques, and strategies. Student projects may include designs for homes, vehicles, bridges, robotic arms, clothing, or other products. Students will develop an awareness of environmental and societal issues related to technological design and will learn about secondary and postsecondary education and training leading to careers in the field. **PREREQUISITE: None**

TXJ2O1 HAIRSTYLING AND AESTHETICS – Open

This course presents hairstyling, make-up, and nail care techniques from a salon/spa perspective. Using materials, processes, and techniques used in the industry, students learn fundamental skills in hairstyling, giving manicures and facials, and providing hair/scalp analyses and treatments. Students will also consider related environmental and societal issues and will explore secondary and postsecondary pathways leading to careers in the field of hairstyling and aesthetics. **PREREQUISITE: None**

TMJ2O1 MANUFACTURING TECHNOLOGY – Open

This course introduces students to the manufacturing industry by giving them an opportunity to design and fabricate products using a variety of processes, tools, and equipment. Students will learn about technical drawing, properties and preparation of materials, and manufacturing techniques. Student projects may include a robotic challenge, a design challenge, or a fabrication project involving processes such as machining, welding, vacuum forming, or injection moulding. Students will develop an awareness of environmental and societal issues related to manufacturing, and will learn about secondary and postsecondary pathways leading to careers in the industry. **PREREQUISITE: None**

TTJ2O1 TRANSPORTATION TECHNOLOGY – 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**

GRADE 11 COURSES

There are no prerequisites for Grade 11 Technology courses.

TCC3E1 CONSTRUCTION TECHNOLOGY – CARPENTRY FOCUS – Workplace Preparation

This course enables students to develop technical knowledge and skills related to carpentry, masonry, electrical systems, heating and cooling, and plumbing for residential construction. Students will gain hands on experience using a variety of materials, processes, tools, and equipment to design, lay out, and build projects. They will create and read technical drawings, learn construction terminology, interpret building codes and regulations, and apply mathematical skills as they develop construction projects. Students will also develop an awareness of environmental and societal issues related to construction technology and explore postsecondary and career opportunities in the field. **PREREQUISITE: None**

This course concentrates on carpentry

TDJ3M1 TECHNOLOGICAL DESIGN – University/College Preparation

This course examines how technological design is influenced by human, environmental, financial, and material requirements and resources. Students will research, design, build, and assess solutions that meet specific human needs, using working drawings and other communication methods to present their design ideas. They will develop an awareness of environmental, societal, and cultural issues related to technological design, and will explore career opportunities in the field, as well as the college and/or university program requirements for them. **PREREQUISITE: None**

TXJ3E1 HAIRSTYLING AND AESTHETICS – Workplace Preparation

This course enables students to develop knowledge and skills in cosmetology and offers a variety of applications that will equip students to provide services for a diverse clientele. Students identify trends in the hairstyling and aesthetics industry, learn about related health and safety laws, and expand their communication and interpersonal skills through interactions with peers and clients. Students consider environmental and societal issues related to the industry and acquire a more detailed knowledge of apprenticeships and direct entry work positions. **PREREQUISITE: None**

TMJ3C1 MANUFACTURING TECHNOLOGY – College Preparation

This course enables students to develop knowledge and skills through hands-on, project-based learning. Students will acquire design, fabrication, and problem-solving skills while using tools and equipment such as lathes, mills, welders, computer-aided machines, robots, and control systems. Students may have opportunities to obtain industry-standard certification and training. Students will develop an awareness of environmental and societal issues related to manufacturing and will learn about pathways leading to careers in the industry. **PREREQUISITE: None**

THIS COURSE CONCENTRATES ON MACHINING OPERATIONS

TTJ3C1 TRANSPORTATION TECHNOLOGY – College Preparation

This course enables students to develop technical knowledge and skills as they study, test, service, and repair engine, electrical, suspension, brake, and steering systems on vehicles, aircraft, and/or watercraft. Students will develop communication and teamwork skills through practical tasks, using a variety of tools and equipment. Students will develop an awareness of environmental and societal issues related to transportation and will learn about apprenticeship and college programs leading to careers in the transportation industry. **PREREQUISITE: None**

TCJ3C1 CONSTRUCTION ENGINEERING TECHNOLOGY – ELECTRICITY FOCUS – College Preparation

This course focuses on the development of knowledge and skills related to residential construction. Students will gain hands on experience using a variety of construction materials, processes, tools, and equipment; learn about building design and planning construction projects; create and interpret working drawings and sections; and learn how the Ontario Building Code and other regulations and standards apply to construction projects. Students will also develop an awareness of environmental and societal issues related to construction technology and explore career opportunities in the field.

PREREQUISITE: None ***This course concentrates on electrical systems***

TEJ3M1 COMPUTER ENGINEERING TECHNOLOGY – University/College Preparation

This course examines computer systems and control of external devices. Students will assemble computers and small networks by installing and configuring appropriate hardware and software. Students will develop knowledge and skills in electronics, robotics, programming, and networks, and will build systems that use computer programs and interfaces to control and/or respond to external devices. Students will develop an awareness of related environmental and societal issues and will learn about college and university programs leading to careers in computer technology.

PREREQUISITE: None

TGJ3M1 COMMUNICATIONS TECHNOLOGY – University/College Preparation

This course examines communications technology from a media perspective. Students will develop knowledge and skills as they design and produce media projects in the areas of live, recorded, and graphic communications. These areas may include TV, video, and movie production; radio and audio production; print and graphic communications; photography; digital imaging; broadcast journalism; and interactive new media. Students will 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. **PREREQUISITE: None**

THJ3E1 GREEN INDUSTRIES (HORTICULTURE) – Workplace Preparation

This course enables students to develop knowledge and skills related to agriculture, floristry, forestry, horticulture, and landscaping. Students will learn to identify a broad range of plant and animal species; examine factors that affect the growth of plants and animals and the quality of products derived from them; and develop process, design, and maintenance skills required in the green industries. Students will also learn about safe and healthy working practices, develop an awareness of environmental and societal issues related to green industry activities, and learn about

apprenticeships and other postsecondary education and training opportunities, as well as employment opportunities that may be pursued directly after graduation. **PREREQUISITE: None**

THJ3M1 GREEN INDUSTRIES (HORTICULTURE) – University/College Preparation

This course enables students to develop knowledge and skills related to agriculture, forestry, horticulture, and landscaping. Students will study the identification, growth, and management of plants and animals and develop process, design, and management skills required in the green industries. Students will also examine social and economic issues related to the green industries, learn about safe and healthy working practices, study industry standards and codes, and explore postsecondary education programs and career opportunities. **PREREQUISITE: None**

TMJ3M1 MANUFACTURING ENGINEERING TECHNOLOGY – University/College Preparation

This course enables students to develop knowledge and skills related to design, process planning, control systems, and quality assurance. Students will use a broad range of tools and equipment and will combine modern manufacturing techniques and processes with computer-aided manufacturing as they develop critical decision-making, problem-solving, and project-management skills. Students will develop an awareness of environmental and societal issues related to manufacturing and will learn about pathways leading to careers in the industry. **PREREQUISITE: None**

TMW3E1 MANUFACTURING TECHNOLOGY – WELDING TECHNIQUES – Workplace Preparation

This course enables students to develop knowledge and skills through hands-on project-based learning. Students will acquire fabrication and problem-solving skills while utilizing different welding processes, tools and equipment. Students may have opportunities to prepare for industry standard certification and training. Students will develop an awareness of environmental and societal issues related to manufacturing/welding and will learn about pathways leading to careers in the industry and explore postsecondary opportunities. **PREREQUISITE: None**

This course concentrates on welding.

TWJ3E1 CUSTOM WOODWORKING – Workplace Preparation

This course enables students to develop knowledge and skills related to cabinet making and furniture making. Students will gain practical experience using a variety of the materials, tools, equipment, and joinery techniques associated with custom woodworking. Students will learn to create and interpret technical drawings and will plan, design, and fabricate projects. They will also develop an awareness of environmental and societal issues related to the woodworking industry, and explore apprenticeships, postsecondary training, and career opportunities in the field that may be pursued directly after graduation. **PREREQUISITE: None**

Grade 12 courses

Most Grade 12 Technology courses have a prerequisite.

TCC4E1 CONSTRUCTION TECHNOLOGY – CARPENTRY FOCUS – Workplace Preparation

This course enables students to develop technical knowledge and skills related to carpentry, masonry, electrical systems, heating and cooling, and plumbing for residential construction. Students will gain 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 opportunities. **PREREQUISITE: TCC3E1**

This course concentrates on carpentry

TDJ4M1 TECHNOLOGICAL DESIGN – University/College Preparation

This course introduces students to the fundamentals of design advocacy and marketing, while building on their design skills and their knowledge of professional design practices. Students will apply a systematic design process to research, design, build, and assess solutions that meet specific human needs, using illustrations, presentation drawings, and other communication methods to present their designs. Students will enhance their problem solving and communication skills and explore career opportunities and the postsecondary education and training requirements for them.

PREREQUISITE: TDJ3M1

TXJ4E1 HAIRSTYLING AND AESTHETICS – Workplace Preparation

This course enables students to develop increased proficiency in a wide range of hairstyling and aesthetics services. Working in a salon/spa team environment, students strengthen their fundamental cosmetology skills and develop an understanding of common business practices and strategies in the salon/spa industry. Students expand their understanding of environmental and societal issues and their knowledge of postsecondary destinations in the hairstyling and aesthetics industry. **PREREQUISITE: TXJ3E1**

TMJ4C1 MANUFACTURING TECHNOLOGY – College Preparation

This course enables students to further develop knowledge and skills related to machining, welding, print reading, computer numerical control (CNC), robotics, and design. Students will develop proficiency in using mechanical, pneumatic, electronic, and computer control systems in a project-based learning environment and may have opportunities to obtain industry-standard training and certification. Students will expand their awareness of environmental and societal issues and career opportunities in the manufacturing industry. **PREREQUISITE: TMJ3CM**

THIS COURSE CONCENTRATES ON MACHINING OPERATIONS

TTJ4C1 TRANSPORTATION TECHNOLOGY – College Preparation

This course enables students to further develop technical knowledge and skills as they study, test, service, and repair engine management systems, power trains, steering/control, suspension, brake, and body systems on vehicles, aircraft, 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: TTJ3C1**

TCJ4C1 CONSTRUCTION ENGINEERING TECHNOLOGY – ELECTRICITY FOCUS – College Preparation

This course enables students to further develop knowledge and skills related to residential construction and to explore light commercial construction. Students will gain hands on experience using a variety of materials, processes, tools, and equipment and will learn more about building design and project planning. They will continue to create and interpret construction drawings and will extend their knowledge of construction terminology and of relevant building codes and regulations, as well as health and safety standards and practices. Students will also focus on environmental and societal issues related to construction engineering technology and explore career opportunities in the field. **PREREQUISITE: TCJ3C1**

This course concentrates on electrical systems

TEJ4M1 COMPUTER ENGINEERING TECHNOLOGY – University/College Preparation

This course extends students' understanding of computer systems and computer interfacing with external devices. Students will assemble computer systems by installing and configuring appropriate hardware and software and will learn more about fundamental concepts of electronics, robotics, programming, and networks. Students will examine related environmental and societal issues and will explore postsecondary pathways leading to careers in computer technology. **PREREQUISITE: TEJ3M1**

TGJ4M1 COMMUNICATIONS TECHNOLOGY – University/College Preparation

This course enables students to further develop media knowledge and skills while designing and producing projects in the areas of live, recorded, and graphic communications. Students may work in the areas of TV, video, and movie production; radio and audio production; print and graphic communications; photography; digital imaging; broadcast journalism; and interactive new media. Students will also expand their awareness of environmental and societal issues related to communications technology and will investigate career opportunities and challenges in a rapidly changing technological environment. **PREREQUISITE: TGJ3M1**

THJ4E1 GREEN INDUSTRIES – Workplace Preparation

This course enables students to gain further experience with a variety of industry procedures and operations and to acquire additional industry-specific skills. Students will study more complex processes, develop more advanced design and maintenance skills, and explore ways of enhancing environmental sustainability. They will also examine social and economic issues related to the green industries, learn about safe and healthy working practices, study industry standards and codes, and explore career opportunities in the various industries. The knowledge and skills acquired in this course will prepare students for the workplace and apprenticeship training. **PREREQUISITE: THJ3E1**

THJ4M1 GREEN INDUSTRIES – University/College Preparation

This course focuses on more complex concepts and skills related to the green industries. Students will focus on developing process skills, design and management techniques, and ways of enhancing environmental sustainability. They will also examine social and economic issues related to the green industries, learn about safe and healthy working practices, study industry standards and codes, and explore career opportunities. The knowledge and skills acquired in this course will prepare students for more specialized studies at the college and university level. **PREREQUISITE: THJ3M1**

TMJ4M1 MANUFACTURING ENGINEERING TECHNOLOGY – University/College Preparation

This course enables students to further develop knowledge and skills related to design, process planning, control systems, project management, quality assurance, and business operations. Students will use a broad range of tools and equipment, enhance their skills in computer-aided design, and collaborate in managing a project. Students will critically analyse and solve complex problems involved in manufacturing products. Students will also expand their awareness of environmental and societal issues and of career opportunities in the manufacturing industry.

PREREQUISITE: TMJ3M1

TMW4E1 MANUFACTURING TECHNOLOGY – WELDING TECHNIQUES – Workplace Preparation

This course enables students to develop knowledge and skills through hands-on project-based learning. Students will acquire fabrication and problem-solving skills while utilizing different welding processes, tools and equipment. Students may have opportunities to prepare for industry standard certification and training. Students will develop an awareness of environmental and societal issues related to manufacturing/welding and will learn about pathways leading to careers in the industry and explore postsecondary opportunities. **PREREQUISITE: TMW3E1**

This course concentrates on welding.

TTJ4E1 TRANSPORTATION TECHNOLOGY – VEHICLE MAINTENANCE – Workplace Preparation

This course introduces students to the servicing, repair, and maintenance of vehicles through practical applications. The course is appropriate for all students as a general interest course to prepare them for future vehicle operation, care, and maintenance or for entry into an apprenticeship in the

motive power trades. Students will develop an awareness of environmental and societal issues related to transportation and will learn about careers in the transportation industry and the skills and training required for them. **PREREQUISITE: None**

TWJ4E1 CUSTOM WOODWORKING – Workplace Preparation

This course enables students to further develop knowledge and skills related to the planning, design, and construction of residential and/or commercial cabinets and furniture. Students will gain further experience in the safe use of common woodworking materials, tools, equipment, finishes, and hardware, and will learn about the entrepreneurial skills needed to establish and operate a custom woodworking business. Students will also expand their awareness of health and safety issues and environmental and societal issues related to woodworking and will explore career opportunities that may be pursued directly after graduation. **PREREQUISITE: TWJ3E1**

CO-OPERATIVE EDUCATION

Grade 11 or 12	Course Code:
2 Credit Co-op	GWL3OD
4 Credit Co-op	GLN4OD (OYAP)*

*Application required for GLN4OD (OYAP), see Guidance for more information

WHAT IS CO-OP?

Co-operative education is a planned learning experience, for which credits are earned, that integrates classroom theory and learning experiences at a workplace to enable students to apply and refine the knowledge and skills acquired in a related curriculum course.

HOW IT WORKS

Students choosing Co-op spend the first few weeks of the semester in class working through pre-placement activities to prepare them for their work placement. Upon completion of pre-placement curriculum, students spend either half days or full days for the remainder of the semester at a work placement in the community. Students will meet regularly throughout the semester to reflect on their learning and participate in integration activities. Upon successful completion of the program students are awarded two or four credits towards their Ontario Secondary School Diploma. All Co-op programs are related to an in-school course.

WHO CAN APPLY?

Students from all academic levels are encouraged to apply for Co-op. Co-op presents an opportunity for all students to experience what the world of work is like in their area of interest. Students applying for Co-op should be entering at least their third year of high school. A firm commitment of regular attendance is essential for success.

CO-OP PLACEMENTS

Co-op programs are available in a wide range of fields. The list on the right side of this page illustrates the wide variety of possible co-op placements. Attempts are made to find appropriate placements for each Co-op student, including possibilities not listed. Placement availability may be limited by a student's ability to find transportation to and from a placement.

APPRENTICESHIP PATHWAYS

Many Co-op students participate in the Ontario Youth Apprenticeship Program (OYAP). Many new programs are available to encourage students interested in pathways to apprenticeship

POSSIBLE CO-OP PLACEMENTS

Placements are available in the following areas:

· accounting · agriculture · animal grooming · art gallery · auto parts · auto-body · automotive repairs · banking	· horticulture · insurance · journalism · landscaping · legal office · library assistant · manufacturing · machine shop
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· building maintenance · building construction · cabinetry/woodworking · childcare · computer operations · conservation and resource · crafts · data entry · dental assistant · developmentally challenged class · drafting · drama technology assistant · electrical · embroidery · esthetics · fashion retailing · florist · food services · funeral attendant · geriatric care · golf course · graphic design · grocery clerk · hairstyling · heating installation and repair	· marketing/customer service · medical office · military · motorcycle repair · museum · newspaper · nursing · pharmacy · physiotherapy · plumbing · printing · radio · real estate · receptionist · recreation assistant · retailing · secretarial · sign production · social service agencies · teaching · teaching assistant · telecommunications · television · travel · warehousing · welding · veterinary
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ENVIRONMENTAL LEADERSHIP PROGRAM

(ELP)

The Environmental Leadership Program offered at East Elgin Secondary School is a four-credit course integrating senior level courses including: Horticulture Management and Science, Forestry, and Co-operative education.

Outdoor Education provides instruction both in the classroom and in the field. Studies and activities are designed to increase outdoor recreation and environmental participation. First Aid/CPR, canoe tripping, mountain biking, rock climbing, orienteering, archery and winter camping are a few of the activities that help introduce students to a healthy active lifestyle. Introducing students to new activities and experiences not only leads to a healthier lifestyle but to a healthier environment.

Co-operative Education involves work placements that are of an environmental nature. The Environmental Leadership Program runs in partnership with the Elgin Stewardship Council, Catfish Creek Conservation Authority, and the Kettle Creek Conservation Authority. Together these organizations annually host Marsh Quest and the Carolinian Forest Festival. These are interactive educational field trips with a strong focus on “Clean Water Healthy Future”. The success of this program is a direct result of the keen interest, participation, and support of these agencies.

Each year the students receive the following certifications:

- ORCKA Flat Water Tandem and Solo
- St. John’s Standard First Aid
- St. John’s CPR Level “C”
- Chainsaw Cutter Certification
- Hunter Education
- GPS Certification
- GIS/Mapping Certification

Students participate in the following off-campus trips each year:

- A 5-day canoe trip to Algonquin Park
- A 4-day trip to Haliburton Forest and Wildlife Reserve – rock climbing, mountain biking, repelling
- A 4-day field study to Delta Waterfowl Conservation Centre – fisheries, wildlife, water, forestry
- A 4-day winter wilderness experience in Algonquin Park

This program offers interested and committed students the opportunity to gain valuable field training, classroom instruction and certification in a variety of areas in the environmental and outdoor educational field. Due to the immersion nature of this program, it will appeal to students who have a strong interest in the outdoors, environmental issues, resource management and are considering post-secondary employment and /or education in the environmental or outdoor educational field.

Environmental Leadership Program		
		THS4M1
		THO4M1
		THS4MD