



Garth Webb Secondary School

Grade 10, 11 and 12 Program

2020-2021 Options

THE ARTS

Drama	Open	ADA2O1
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.		

Music, Instrumental	Open	AMU2O1
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.		

Music, Vocal	Open	AMV2O1
This course emphasizes performance of vocal music at an intermediate level that strikes a balance between challenge and skill. Student learning will include participating in creative activities and listening perceptively. Students will also be required to develop a thorough understanding of the language of music, including the elements, terminology, and history. In this course you will develop your understanding of music through the creation and performance of music, the analysis of music, and by learning about basic foundations of music.		

Visual Arts	Open	AVI2O1
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.		

Drama	University/College	ADA3M1
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.		
<i>Prerequisite (one of): ADA1O1, ADA2O1</i>		

Guitar Music	Open	AMG3O1
This course develops students' musical literacy through performance and the preparation and presentation of music productions. Students will perform works at a level consistent with previous experience, but the course is geared towards beginner guitar players. Independently and collaboratively, students will use current technology and the creative and critical analysis processes to plan, produce, present, and market musical productions. Students will respond to, reflect on, and analyse music from various genres and periods, and they will develop skills transferable to other aspects of their life and their careers.		

Music, Instrumental	University/College	AMU3M1
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.		
<i>Prerequisite (one of): AMU1O1, AMU2O1</i>		
Music,Vocal	University/College	AMV3M1
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.		
<i>Prerequisite (one of): AMV1O1, AMV2O1</i>		
Visual Arts	University/College	AVI3M1
This course enables students to further develop their knowledge and skills in visual arts. Students will use the creative process to explore a wide range of themes through studio work that may include drawing, painting, sculpting, and printmaking, as well as the creation of collage, multimedia works, and works using emerging technologies. Students will use the critical analysis process when evaluating their own work and the work of others. The course may be delivered as a comprehensive program or through a program focused on a particular art form (e.g. photography, video, computer graphics, information design).		
<i>Prerequisite: AVI1O1 or AVI2O1</i>		
Arts Portfolio Applied Design	University/College	AWD3M1
The goal of the portfolio/leadership course is for students to be interview ready and have a completed portfolio for post secondary. Designed to prepare students for portfolio interviews, students will explore new and traditional mediums, current art trends and build confidence in their work and learn to visually communicate through their artwork. Students will produce a portfolio best suited for their particular program focus. The course is also open to students who are pursuing interests outside of the arts but would still like to have visual representation of their work in school artworks. Some other areas that have been represented in the past were students design, architecture, media studies, animation, illustration, and photography portfolios.		
<i>Prerequisites: (one of) AVI1O1, AVI2O1, AWQ3M1</i>		
Visual Arts - Photography	University/College	AWQ3M1
This course enables students to further develop their knowledge and skills in visual arts and photography. Students will use the creative process to explore a wide range of themes through studio work as well as the creation of collage, multimedia works, and works using emerging technologies. Students will use the critical analysis process when evaluating their own work and the work of others.		
Drama	University/College	ADA4M1
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 texts 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.		
<i>Prerequisite: ADA3M1</i>		
Music, Instrumental	University/College	AMU4M1
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

Visual Arts

University/College

AVI4M1

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

Arts Design: Leadership Portfolio

University/College

AWD4M1

This course is a continuation of the arts portfolio applied design course, and focuses on the refinement of student's skills and knowledge in visual arts to prepare for college or university studies. Designed to prepare students for portfolio interviews, students will explore new and traditional mediums; use theories of art in analyzing and producing art; and increase their understanding of stylistic changes in Canadian art, and art animation and cartooning. The course is also open to students who are pursuing interests outside of the arts but would still like to have visual representation of their work in school artworks. Some other areas that have been represented in the past were students design, architecture, media studies, animation, illustration, and photography portfolios. Students will produce a body of two/three dimensional work while developing a personal approach to graphic and applied design for their portfolio.

Prerequisites: (one of): AVI3M1, AWQ3M1

Co-requisites: AVI4M1, AWQ4M1

Visual Arts - Photography

University/College

AWQ4M1

This course emphasizes the refinement of media arts skills through the creation of a thematic body of work by applying the traditional and emerging technologies, tools and techniques involving photography and photo imaging. Students will develop work that expresses their views and create portfolios suitable for use in either career or post secondary education applications. This course builds on the foundations established in AWQ3M.

Prerequisite (one of): AVI3M, AWQ3M

BUSINESS STUDIES

Introduction to Business

Open

BBI2O1

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

Financial Accounting Fundamentals

University/College

BAF3M1

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 ethics and current issues in accounting.

Entrepreneurship: The Venture

College

BDI3C1

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

Marketing: Goods, Services, Events

College

BMI3C1

This course introduces the fundamental concepts of product marketing, which includes the marketing of goods, services, and events. Students will examine how trends, issues, global economic changes, and information technology influence consumer

buying habits. Students will engage in marketing research, develop marketing strategies, and produce a marketing plan for a product of their choice.

Financial Accounting Principles	University/College	BAT4M1
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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

International Business Fundamentals	University/College	BBB4M1
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This course provides an overview of the importance of international business and trade in the global economy and explores the factors that influence success in international markets. Students will learn about the techniques and strategies associated with marketing, distribution, and managing international business effectively. This course prepares students for postsecondary programs in business, including international business, marketing, and management.

Business Leadership: Management Fundamentals	University/College	BOH4M1
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This course focuses on the development of leadership skills used in managing a successful business. Students will analyse the role of a leader in business, with a focus on decision making, management of group dynamics, workplace stress and conflict, motivation of employees, and planning. Effective business communication skills, ethics, and social responsibility are also emphasized.

Analysing Current Economic Issues	University	CIA4U1
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This course examines current national and global economic trends and policies from diverse perspectives. Students will explore the impact of choices that individuals and institutions, including governments, make in responding to local, national, and global economic issues such as globalization and global economic inequalities, trade agreements, national debt, taxation, social spending, and consumer debt. Students will apply the concepts of economic thinking and the economic inquiry process, including economic models, to investigate, and develop informed opinions about, current economic issues and to help them make reasoned economic decisions. *Prerequisite: Any university, university/college, or college preparation course in Canadian and world studies, English, or social sciences and humanities.*

Interdisciplinary Studies:

Building Financial Securities	University	IDC4UB
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This interdisciplinary course investigates financial management, capital markets, and ways in which capital is acquired. Students will use diverse information skills, resources, and technologies to gather information related to a variety of Canadian and international financial institutions, investigate the conceptual and mathematical foundations of increasing net worth, and examine investment in the stock market (e.g., the risks and safeguards in stock trading, stocks as investments, creating investment portfolios). They will also analyse the social impact of personal and corporate investment decisions and will learn to solve problems through theoretical investigation, systems thinking approaches, and case studies.

Prerequisite: Any university, university/college course in Canadian and the World studies, English, or Social Science and Humanities

PLEASE NOTE: Students who have previously successfully earned the IDC4U Sports and Entertainment Marketing course are not eligible to earn a credit with this course.

CANADIAN AND WORLD STUDIES

Canadian History since World War I Academic	CHC2D1/CHC2D4 (French Immersion)
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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.

Canadian History Since World War I	Applied	CHC2P1
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This course focuses on the social context of historical developments and events and how they have affected the lives of people in Canada since 1914. Students will explore interactions between various communities in Canada as well as contributions of individuals and groups to Canadian heritage and identity. Students will develop their ability to apply the concepts of historical thinking and the historical inquiry process, including the interpretation and analysis of evidence, when investigating the continuing relevance of historical developments and how they have helped shape communities in present-day Canada.

Civics	Open	CHV2O1/ CHV2O4(French Immersion)
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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.

Forces of Nature: Physical Processes and Disasters	University/College	CGF3M1
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This course explores interactions between the natural and human environment, with a particular focus on the impact of human activity on various ecosystems. Students will explore resource management and sustainability practices, as well as related government policy and international protocols. Applying the concepts of geographic thinking and the geographic inquiry process, including spatial technologies, students will investigate the relationship between people and the natural environment and will propose approaches for developing more sustainable relationships, including environmentally responsible actions that support stewardship.

Prerequisite (one of): CGC1D1, CGC1P1

World History to the End of the 15th Century	University/College	CHW3M1
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This course explores the history of various societies around the world, from earliest times to around 1500 CE. Students will examine life in and the legacy of various ancient and pre-modern societies throughout the world, including those in, Africa, Asia, Europe, and the Americas. 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. As we investigate ancient world history, we will learn more about ourselves, and the life-cycle of many different civilizations who emerge, rise, flourish, and decline. Particular emphasis is placed upon comparing civilizations with a global perspective.

Prerequisite (one of): CHC2D1, CHC2P1

Understanding Canadian Law	University/College	CLU3M1
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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 rights and freedoms in Canada, our legal system, and family, contract, employment, tort, and criminal law. Students will use case studies and apply the concepts of legal thinking and the legal inquiry process to develop legal reasoning skills and to formulate and communicate informed interpretations of legal issues, and they will develop the ability to advocate for new laws. Grade 11 Law focuses on the law within a Canadian context. Throughout the course students will explore topics such as: Constitutional Law, Criminal Law & Family Law. Students can expect to participate in class discussions, debates and case analyses regularly.

Prerequisite (one of): CHC2D1, CHC2P1

The Environment and Resource Management	University/College	CGR4M1
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This course explores interactions between the natural and human environment, with a particular focus on the impact of human activity on various ecosystems. Students will explore resource management and sustainability practices, as well as related government policy and international protocols. Applying the concepts of geographic thinking and the geographic inquiry process, including spatial technologies, students will investigate the relationship between people and the natural environment and will propose approaches for developing more sustainable relationships, including environmentally responsible actions that support stewardship. *Prerequisite: Any university, university/college, or college preparation course in Canadian and world studies, English, or social sciences and humanities.*

World Issues: A Geographic Analysis**College****CGW4C1**

This course explores the global challenge of meeting the basic needs of all people while sustaining the natural environment. Students will examine global inequities, including those related to food, water, energy, and development, and will explore global issues through environmental, social, economic, and political lenses. Students will apply the concepts of geographic thinking and the geographic inquiry process, including spatial technologies, to investigate a range of current geographic issues facing Canada and the world. The world issues course will prepare students for a life of responsible citizenship in which they think critically about events, developments and issues in their daily lives.

Prerequisite (one of): CGC1D1, CGC1P1

World Issues: A Geographic Analysis**University****CGW4U1**

This course looks at the global challenge of creating a more sustainable and equitable world. Students will explore a range of issues involving environmental, economic, social, and geopolitical interrelationships, and will examine governmental policies related to these issues. Students will apply the concepts of geographic thinking and the geographic inquiry process, including spatial technologies, to investigate these complex issues, including their impact on natural and human communities around the world. The world issues course will prepare students for a life of responsible citizenship in which they think critically about events, developments and issues in their daily lives.

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

World History: Since the 15th Century**College****CHY4C1**

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

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

World History: Since the 15th Century**University****CHY4U1**

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. This course looks at revolutions (and the people who both championed and challenged them) since approximately 1450 including the Renaissance, Scientific Revolution, Protestant Reformation, American Revolution, French Revolution, Industrial Revolution, Russian Revolution and revolutionary events into the 20th century.

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

Legal Studies**College****CLN4C1**

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 impact. They will investigate 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 inquiry process to investigate the role of law in a changing society and will develop conflict-resolution skills needed for negotiation.

Prerequisite: CHV2O1

Canadian and International Law**University****CLN4U1**

This course explores a range of contemporary legal issues and how they are addressed in both Canadian and international law. Students will develop their understanding of the principles of Canadian and international law when exploring rights and freedoms within the context of topics such as religion, security, cyberspace, immigration, crimes against humanity, and environmental protection. Students will apply the concepts of legal thinking and the legal inquiry process when investigating these issues in both Canadian and international contexts, and they will develop legal reasoning skills and an understanding of conflict resolution in the area of international law. The Grade 12 Law is an academically rigorous course that engages in an in depth analysis of: the Philosophy of Law, Constitutional Law, and International Law. Students can expect to participate in class discussions, debates, a simulated war room activity and an independent research paper.

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

CLASSICAL AND INTERNATIONAL LANGUAGES

Level 1 Spanish

Academic

LWSBD1

This introductory course is designed to enable students to begin to develop competence in listening, speaking, reading, and writing in the language of study. Students will participate in interactive activities in practical situations in which they can apply their language skills to communicate with native speakers of the language. They will explore aspects of culture in regions of the world where the language is spoken, including formal and informal forms of address, naming practices, family life and relationships, and celebrations.

Level 2 Spanish

University

LWSCU1

This course enables students to develop competence in listening, speaking, reading, and writing in the language of study. Students will continue to participate in interactive activities in which they can apply and develop their language skills to communicate with native speakers of the language. They will explore aspects of culture in regions of the world where the language is spoken, including social customs, food, sports and leisure activities, popular festivals, and music. Although students will expand their vocabulary and knowledge of linguistic elements, the language they will use at this level will still be simple.

Prerequisite: LWSBD1, Level 1 Spanish

Level 3 Spanish

University

LWSDU1

This course prepares students for postsecondary studies in the international language being studied. Students will continue to refine and enhance their listening, speaking, reading and writing skills in the language with the goal of using these communication skills in a variety of personal, academic and professional contexts. Using a wide variety of sources, including original texts in the language, students will consolidate their language skills as they use increasingly complex linguistic elements and language conventions. Students will also have opportunities to enrich their knowledge of aspects of culture in regions where the language is spoken, including issues related to popular culture, linguistic communities in Canada, literature, history, geography, and the arts.

Prerequisite: LWSCU1, Level 2 Spanish

COMPUTER STUDIES

Introduction to Computer Studies

Open

ICS201

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.

Introduction to Computer Programming

College

ICS3C1

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.

Introduction to Computer Programming

University

ICS3U1

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

Computer Programming**College****ICS4C1**

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 (one of): ICS3U1, ICS3C1

Computer Science**University****ICS4U1**

This course enables students to further develop knowledge and skills in computer science. Students will use modular design principles to create complex and fully documented programs, according to industry standards. Student teams will manage a large software development project, from planning through to project review. Students will also analyse algorithms for effectiveness. They will investigate ethical issues in computing and further explore environmental issues, emerging technologies, areas of research in computer science, and careers in the field.

Prerequisite: ICS3U1

COOPERATIVE EDUCATION**Cooperative Education****Open****COP3O8(2 credits)**

Cooperative Education is an unique learning opportunity that extends the learning in one or more related subjects into the workplace. Students are able to gather the information they need to make informed decisions about their postsecondary destination by experiencing work in a specific sector. They develop a reflective habit of mind derived from their experience and obtain valuable transferable skills required to become confident career/life planners.

This course counts as two credits and will include a morning or afternoon work placement. Students selecting COP3O8 should also complete an online application indicating areas of interest to them. See Student Services for more information.

Cooperative Education**Open****COP4O8(2 credits)**

Cooperative Education is a unique learning opportunity that extends the learning in one or more related subjects into the workplace. The opportunity to experience business, industry and the community helps students explore career options and gather information they need to make informed decisions about their postsecondary destination. Students increase their self-knowledge while developing valuable transferable skills and gain an understanding of the importance of attitude, teamwork and personal management skills in the workplace.

This choice counts as two credits and will include morning or afternoon work placements. Students selecting COP3O8 should also fill out an application to indicate workplace areas are of interest to them. See Student Services for more information.

Cooperative Education Research Co-Op**Open****COP4O7(1 credit)**

On-Line Research Co-op provides grade 12 students with the opportunity to learn and participate in research projects of their choice. Under the mentorship of leading national researchers from Foundation for Student Science and Technology, students will apply knowledge they have acquired in science, math, computers, business and technology courses to reach-ahead into the 21st century world of telecommuting, knowledge-based careers. The on-line format of the learning makes it accessible to all students, including those who require more flexible schedules.

*This choice counts as one credit and includes an online research placement. Students selecting COP4O7 **must** also fill out an application to indicate research areas of interest to them. See Student Services for more information.*

ENGLISH**English****Academic****ENG2D1**

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: Prerequisite (one of):ENG1D1, ENG1P1

English	Applied	ENG2P1
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. <i>Prerequisite: Prerequisite (one of):ENG1D1, ENG1P1</i>		
English	College	ENG3C1
This course emphasizes the development of literacy, communication, and critical and creative thinking skills necessary for success in academic and daily life. Students will study the content, form, and style of a variety of informational and graphic texts, as well as literary texts from Canada and other countries, and create oral, written, and media texts in a variety of forms for practical and academic purposes. An important focus will be on using language with precision and clarity. The course is intended to prepare students for the compulsory Grade 12 college preparation course. <i>Prerequisite (one of):ENG2D1, ENG2P1</i>		
English	University	ENG3U1
This course emphasizes the development of literacy, communication, and critical and creative thinking skills necessary for success in academic and daily life. Students will analyse challenging literary texts from various periods, countries, and cultures, as well as a range of informational and graphic texts, and create oral, written, and media texts in a variety of forms. An important focus will be on using language with precision and clarity and incorporating stylistic devices appropriately and effectively. The course is intended to prepare students for the compulsory Grade 12 university or college preparation course. <i>Prerequisite: ENG2D1</i>		
Media Studies	Open	EMS3O1
This course emphasizes knowledge and skills that will enable students to understand media communication in the twenty-first century and to use media effectively and responsibly. Through analysing the forms and messages of a variety of media works and audience responses to them, and through creating their own media works, students will develop critical thinking skills, aesthetic and ethical judgement, and skills in viewing, representing, listening, speaking, reading, and writing. <i>Prerequisite (one of): ENG2D1, ENG2P1</i>		
English	College	ENG4C1
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. <i>Prerequisite (one of): ENG3U1, ENG3C1</i>		
English	University	ENG4U1
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. <i>Prerequisite: ENG3U1</i>		
Studies in Literature	University	ETS4U1
This course is for students with a special interest in literature and literary criticism. The course may focus on themes, genres, time periods, or countries. Students will analyse a range of forms and stylistic elements of literary texts and respond personally, critically, and creatively to them. They will also assess critical interpretations, write analytical essays, and complete an independent study project. This course will have a special focus on literature and film. Students will use a variety of academic lenses to explore topics that interest them through both literature and film studies in order to analyze and respond to global perspectives, to think critically about film and literature and how they act as a vehicle for dealing with world issues. This course <i>does not</i> replace ENG4U1 which is needed for University entrance		

Prerequisite: ENG3U1

The Writer's Craft

University

EWC4U1

This course emphasizes knowledge and skills related to the craft of writing. Students will analyse models of effective writing; use a workshop approach to produce a range of works; identify and use techniques required for specialized forms of writing; and identify effective ways to improve the quality of their writing. They will also complete a major paper as part of a creative or analytical independent study project, and investigate opportunities for publication and for writing careers. This course *does not* replace ENG4U1 which is needed for University entrance

Prerequisite: ENG3U1

Ontario Secondary School Literacy Course

Open

OLC401

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

Note: Students who have already met the literacy requirement for graduation may be eligible to take the course under special circumstances, at the discretion of the Principal.

FRENCH AS A SECOND LANGUAGE

Core French

Academic

FSF2D1

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 lifelong language learners.

Prerequisite (one of): FSF1D1, FSF1P1

French Immersion

Academic

FIF2D1

This course enables students to increase their knowledge of the French language and to further develop their language skills through the study of twentieth-century European francophone literature and culture. Students will participate in oral communication, reading, and writing activities based on a variety of French literary and media works. They will study at least one novel and a selection of poems, short stories, films, plays, and newspaper and magazine articles.

Prerequisite: FIF1D1

Core French

University

FSF3U1

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 lifelong language learning.

Prerequisite: FSF2D1

French Immersion

University

FIF3U1

This course provides opportunities for students to consolidate the communication skills required to speak and interact with increasing confidence and accuracy in French in a variety of academic and social contexts. Students will use their skills in listening, speaking, reading, and writing and apply language learning strategies while exploring a variety of concrete and abstract topics. Students will increase their knowledge of the French language through the study of French literature from around the world. They will also deepen their understanding and appreciation of diverse French-speaking communities, and will develop skills necessary for lifelong language learning.

Prerequisite: FIF2D1

Core French**University****FSF4U1**

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 lifelong language learning.

Prerequisite (one of): FSF3U1, FIF3U1

French Immersion**University****FIF4U1**

This course provides students with extensive opportunities to communicate, interact, and think critically and creatively in French. Students will consolidate their listening, speaking, reading, and writing skills and apply language learning strategies while communicating about concrete and abstract topics, and will independently respond to and interact with a variety of oral and written texts. Students will study a selection of French literature from the Middle Ages to the present. They will also enrich their understanding and appreciation of diverse French-speaking communities, and will develop skills necessary for lifelong language learning.

Prerequisite (one of): FIF3U1

GUIDANCE AND CAREER EDUCATION**Career Studies****Open****GLC201/GLC204(French Immersion)**

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

Learning Strategies 1: Skills for Success in Secondary School**Open****GLE201**

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

Advanced Learning Strategies: Skills For Success After Secondary School**Open****GLE301**

This course improves students' learning and personal-management skills, preparing them to make successful transitions to work, training, and/or postsecondary education destinations. Students will assess their learning abilities and use literacy, numeracy, and research skills and personal-management techniques to maximize their learning. Students will investigate trends and resources to support their postsecondary employment, training, and/or education choices and develop a plan to help them meet their learning and career goals.

Advanced Learning Strategies: Skills For Success After Secondary School**Open****GLS/GLE401**

This course improves students' learning and personal-management skills, preparing them to make successful transitions to work, training, and/or postsecondary education destinations. Students will assess their learning abilities and use literacy, numeracy, and research skills and personal-management techniques to maximize their learning. Students will investigate trends and resources to support their postsecondary employment, training, and/or education choices and develop a plan to help them meet their learning and career goals.

Leadership and Peer Support**Open****GPP301**

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 as a peer tutor. Students will examine group dynamics and learn the value of diversity within groups and communities.

HEALTH AND PHYSICAL EDUCATION

Healthy Active Living Education

Open

PPL2OF (Female)/PPL2OM (Male)

This course emphasizes regular participation in a variety of enjoyable physical activities that promote lifelong healthy active living. Student learning will include the application of movement principles to refine skills; participation in a variety of activities that enhance personal competence, fitness, and health; examination of issues related to healthy sexuality, healthy eating, substance use and abuse; and the use of informed decision-making, conflict resolution, and social skills in making personal choices.

Personal and Fitness Activities

Open

PAF2OF (Female)

This course is designed as a focus course with an emphasis on individual fitness to promote lifelong participation in physical activity. This course is designed for females who are interested in improving their personal level of fitness and are keen to try a variety of physical activities both inside and outside. Students will learn to set goals, create workout plans, and participate in many different workout styles. Class activities may include: weight training, team games, cycling, hiking, dance, yoga, fitness classes, rock climbing, trampoline fitness, kickboxing and more

Outdoor Activities

Open

PAD3O1

This course is designed for grade 11 students who have a keen interest in outdoor activities, sports, and survival education. A variety of outdoor pursuits are offered with a cooperative team building focus in addition to leadership development. Some possible activities include: shelter construction, winter camping, canoe skills, rock climbing, orienteering, snowshoeing, broomball, hiking, cycling and a 4 day Algonquin Park canoe trip. Field trips are an essential component of the program and there is a cost associated with this course.

Personal and Fitness Activities

Open

PAF3O1

This course focuses on the development of personalized approach to healthy active living through participating in a wide variety of fitness activities (i.e. pilates, stair, weight training, plyometrics. etc.) and recreational activities that have the potential to engage students' interest throughout their lives. This course will provide students with the opportunity to develop and implement personalized physical fitness programs and to achieve, maintain and/or improve levels of physical fitness so that it is personally appropriate for healthy active living. In addition, students will be given the opportunity to refine their decision-making, conflict- resolution, and interpersonal skills, with a view to enhancing their mental health and their relations with others. Emphasis in this course is on becoming physically fit through daily participation in a variety of fitness related activities. In order for students to be truly successful in this course, it requires the student to have a high level of responsibility and self-motivation.

Healthy Active Living

Open

PPL3O1

This course focuses on the development of a healthy lifestyle and participation in a variety of enjoyable physical activities that have the potential to engage students' interest throughout their lives. Students will be encouraged to develop personal competence in a variety of movement skills and will be given opportunities to practice goal-setting, decision-making, social, and interpersonal skills. Students will also study the components of healthy relationships, reproductive health, mental health, and personal safety.

Personal and Fitness Activities

Open

PAF4O1

This course focuses on the development of a healthy lifestyle and participation in a variety of enjoyable physical activities that have the potential to engage students' interest throughout their lives. Students will be encouraged to develop personal competence in a variety of movement skills through personal and fitness activities. They will be given opportunities to practice goal-setting, decision-making, social and interpersonal skills. Students will also study the components of healthy relationships, reproductive health, mental health, and personal safety. While this course is a continuation of PAF3O1, students need not have taken PAF3O1 to be allowed entrance into this course. Further to the objectives of the PAF3O1 course, PAF4O1 will give students the opportunity to become personalized trainers and coaches as they enhance their understanding of various health concepts (i.e. fitness training, basic anatomy, nutrition, motivation, etc.) Students will use living skills not only to take responsibility for their own personal well being, but that of their peers as well. In order to be truly successful in this course, it requires that the student have a high level of responsibility and self-motivation.

Healthy Active Living Education

Open

PPL4O1

This course focuses on the development of a personalized approach to healthy active living through participation in a variety

of sports and recreational activities that have the potential to engage students' interest throughout their lives. Students will develop and implement personal physical fitness plans. In addition, they will be given opportunities to refine their decision-making, conflict-resolution, and interpersonal skills, with a view to enhancing their mental health and their relationships with others.

Recreation and Healthy Active Living Leadership University/College PLF4M1

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.

Introduction to Kinesiology University PSK4U1

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

Prerequisite: any Grade 11 university or university/college preparation course in Science, or any Grade 11 or 12 open course in Health and Physical Education.

MATHEMATICS

Foundations of Mathematics Applied MFM2P1

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 triangles, and the measurement of three-dimensional figures. Students will consolidate their mathematical skills as they solve problems and communicate their thinking.

Prerequisite (one of): MPM1D1, MFM1P1

Principles of Mathematics Academic MPM2D1

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

Prerequisite: MPM1D1

Foundations for College Mathematics College MBF3C1

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

Prerequisite (one of): MPM2D1, MFM2P1

Functions and Applications University/College MCF3M1

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 (one of): MPM2D1, MFM2P1

Functions**University****MCR3U1**

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

Mathematics for Work and Everyday Life**Workplace****MEL3E1**

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 (one of): MPM1D1, MFM1P1, MFM2P1, MPM2D1

Foundations for College Mathematics**College****MAP4C1**

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 (one of): MBF3C1, MCR3U1, MCF3M1

Calculus and Vectors**University****MCV4U1**

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

Prerequisite: MHF4U1 must be taken prior to or concurrently with Calculus and Vectors.

Mathematics of Data Management**University****MDM4U1**

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 (one of): MCR3U1, MCF3M1

Mathematics for Work and Everyday Life**Workplace****MEL4E1**

This course enables students to broaden their understanding of mathematics as it is applied in the workplace and daily life. Students will investigate questions involving the use of statistics; apply the concept of probability to solve problems involving familiar situations; investigate accommodation costs, create household budgets, and prepare a personal income tax return; use proportional reasoning; estimate and measure; and apply geometric concepts to create designs. Students will consolidate their mathematical skills as they solve problems and communicate their thinking.

Prerequisite (one of): MBF3C1, MCR3U1, MCF3M1, MEL3E1

Advanced Functions**University****MHF4U1**

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 (one of): MCR3U1, MCT4C1

SCIENCE

Science

Academic

SNC2D1

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 (one of): SNC1D1, SNC1P1

Science

Applied

SNC2P1

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 (one of): SNC1D1, SNC1P1

Biology

College

SBI3C1

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 (one of): SNC2D1, SNC2P1

Biology

University

SBI3U1

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

Chemistry

University

SCH3U1

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

Physics

University

SPH3U1

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

Environmental Science	University/College	SVN3M1
This course provides students with the fundamental knowledge of and skills relating to environmental science that will help them succeed in life after secondary school. Students will explore a range of topics, including the role of science in addressing contemporary environmental challenges; the impact of the environment on human health; sustainable agriculture and forestry; the reduction and management of waste; and the conservation of energy. Students will increase their scientific and environmental literacy and examine the interrelationships between science, the environment, and society in a variety of areas. <i>Prerequisite (one of): SNC2D1, SNC2P1</i>		
Biology	University	SBI4U1
This course provides students with the opportunity for in-depth study of the concepts and processes that occur in biological systems. Students will study theory and conduct investigations in the areas of biochemistry, metabolic processes, molecular genetics, homeostasis, and population dynamics. Emphasis will be placed on the achievement of detailed knowledge and the refinement of skills needed for further study in various branches of the life sciences and related fields. <i>Prerequisite: SBI3U1</i>		
Chemistry	College	SCH4C1
This course enables students to develop an understanding of chemistry through the study of matter and qualitative analysis, organic chemistry, electrochemistry, chemical calculations, and chemistry as it relates to the quality of the environment. Students will use a variety of laboratory techniques, develop skills in data collection and scientific analysis, and communicate scientific information using appropriate terminology. Emphasis will be placed on the role of chemistry in daily life and the effects of technological applications and processes on society and the environment. <i>Prerequisite (one of): SNC2D1, SNC2P1</i>		
Chemistry	University	SCH4U1
This course enables students to deepen their understanding of chemistry through the study of organic chemistry, the structure and properties of matter, energy changes and rates of reaction, equilibrium in chemical systems, and electrochemistry. Students will further develop their problem-solving and investigation skills as they investigate chemical processes, and will refine their ability to communicate scientific information. Emphasis will be placed on the importance of chemistry in everyday life and on evaluating the impact of chemical technology on the environment. <i>Prerequisite: SCH3U1</i>		
Earth and Space Science	University	SES4U1
This course develops students' understanding of Earth and its place in the universe. Students will investigate the properties of and forces in the universe and solar system and analyse techniques scientists use to generate knowledge about them. Students will closely examine the materials of Earth, its internal and surficial processes, and its geological history, and will learn how Earth's systems interact and how they have changed over time. Throughout the course, students will learn how these forces, processes, and materials affect their daily lives. The course draws on biology, chemistry, physics, and mathematics in its consideration of geological and astronomical processes that can be observed directly or inferred from other evidence. <i>Prerequisite: SNC2D1</i>		
Science	University/College	SNC4M1
This course enables students, including those pursuing postsecondary programs outside the sciences, to increase their understanding of science and contemporary social and environmental issues in health-related fields. Students will explore a variety of medical technologies, pathogens and disease, nutritional science, public health issues, and biotechnology. The course focuses on the theoretical aspects of the topics under study and helps refine students' scientific investigation skills. <i>Prerequisite: SNC2D1, or any Grade 11 university, university/college, or college preparation course in science</i>		
Physics	College	SPH4C1
This course develops students' understanding of the basic concepts of physics. Students will explore these concepts with respect to motion; mechanical, electrical, electromagnetic, energy transformation, hydraulic, and pneumatic systems; and the operation of commonly used tools and machines. They will develop their scientific investigation skills as they test laws of physics and solve both assigned problems and those emerging from their investigations. Students will also consider the impact of technological applications of physics on society and the environment. <i>Prerequisite (one of): SNC2D1, SNC2P1</i>		

Physics**University****SPH4U1**

This course enables students to deepen their understanding of physics concepts and theories. Students will continue their exploration of energy transformations and the forces that affect motion, and will investigate electrical, gravitational, and magnetic fields and electromagnetic radiation. Students will also explore the wave nature of light, quantum mechanics, and special relativity. They will further develop their scientific investigation skills, learning, for example, how to analyse, qualitatively and quantitatively, data related to a variety of physics concepts and principles. Students will also consider the impact of technological applications of physics on society and the environment.

Prerequisite: SPH3U1

SOCIAL SCIENCE AND THE HUMANITIES

Food and Nutrition**Open****HFN2O1**

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.

Food and Culture**University/College****HFC3M1**

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

Intro to Anthro, Psych, and Socio**College****HSP3C1**

This course introduces students to theories, questions, and issues related to anthropology, psychology, and sociology. Students learn about approaches and research methods used by social scientists. They will be given opportunities to apply theories from a variety of perspectives, to conduct social science research, and to become familiar with current issues within the three disciplines.

Intro to Anthro, Psych, and Socio**University****HSP3U1/HSP3U4 (French Immersion)**

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 (one of): ENG2D1, CHC2D1, CHC2D4

Nutrition and Health**College****HFA4C1**

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

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

Nutrition and Health**University****HFA4U1**

This course examines the relationships between food, energy balance, and nutritional status; the nutritional needs of individuals at different stages of life; and the role of nutrition in health and disease. Students will evaluate nutrition-related trends and will determine how food choices can promote food security and environmental responsibility. Students will learn

about healthy eating, expand their repertoire of food-preparation techniques, and develop their social science research skills by investigating issues related to nutrition and health.

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

Challenge and Change in Society

University

HSB4U1

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. Students will engage in debates, read and respond to academic journals, create a mind map, and conduct a social science investigation that results in writing a major research paper.

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

World Cultures

University/College

HSC4M1

This course examines the nature of culture; how cultural identities are acquired, maintained, and transformed; and theories used to analyse cultures. Students will explore world cultures, with an emphasis on the analysis of religious and spiritual beliefs, art forms, and philosophy. They will study the contributions and influence of a range of cultural groups and will critically analyse issues facing ethnocultural groups within Canada and around the world. Students will develop and apply research skills and will design and implement a social action initiative relating to cultural diversity. This course allows students to develop knowledge and practical skills relating to equity and culture, for use both in academics and everyday life.

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

TECHNOLOGICAL EDUCATION

Construction Technology

Open

TCJ2O1

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.

Technological Design

Open

TDJ2O1

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.

Computer Technology

Open

TEJ2O1

This course introduces students to computer systems, networking, and interfacing, as well as electronics and robotics. Students will assemble, repair, and configure computers with various types of operating systems and application software. Students will build small electronic circuits and write computer programs to control simple peripheral devices or robots. Students will also develop an awareness of related environmental and societal issues, and will learn about secondary and postsecondary pathways and career opportunities in computer technology.

Communications Technology

Open

TGJ2O1

This course introduces students to communications technology from a media perspective. Students will work in the areas of TV/video and movie production, radio and audio production, print and graphic communications, photography, and interactive new media and animation. Student projects may include computer-based activities such as creating videos, editing photos, working with audio, cartooning, developing animations, and designing web pages. Students will also develop an awareness

of environmental and societal issues related to communications technology, and will explore secondary and postsecondary education and training pathways and career opportunities in the various communications technology fields.

Manufacturing Technology

Open

TMJ201

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.

Transportation Technology

Open

TTJ201

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.

Hairstyling and Aesthetics

Open

TXJ201

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.

Construction Engineering Technology

College

TCJ3C1

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

Technological Design

University/College

TDJ3M1

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.

Computer Engineering Technology

University/College

TEJ3M1

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.

Communications Technology

University/College

TGJ3M1

This course examines communications technology from a media perspective. Students will develop knowledge and skills as they design and produce media projects in the areas of live, recorded, and graphic communications. These areas may include TV, video, and movie production; radio and audio production; print and graphic communications; photography; digital imaging; broadcast journalism; and interactive new media. Students will also develop an awareness of related environmental and societal issues, and will explore college and university programs and career opportunities in the various communications technology fields.

TV, Video, and Movie Production	University/College	TGV3M1
This course examines communications technology from a digital media perspective. This course is project-based and will provide students with opportunities to acquire the knowledge and skills necessary to create, manage, and distribute electronic, graphic, live, or recorded audio-visual projects with an emphasis on television, video, and film production. Students will also develop an awareness of related environmental and societal issues, and will explore college and university programs and career opportunities in film production and broadcasting.		
Manufacturing Engineering Technology	University/College	TMJ3M1
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.		
Transportation Technology	College	TTJ3C1
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.		
Hairstyling and Aesthetics	Workplace	TXJ3E1
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 will 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 will also consider environmental and societal issues related to the industry, and will acquire a more detailed knowledge of apprenticeships and direct-entry work positions.		
Custom Woodworking	Workplace	TWJ3E
This course enables students to develop knowledge and skills related to cabinet making and furniture making. Students will gain practical experience using a variety of the materials, tools, equipment, and joinery techniques associated with custom woodworking. Students will learn to create and interpret technical drawings and will plan, design, and fabricate projects. They will also develop an awareness of environmental and societal issues related to the woodworking industry, and will explore apprenticeships, postsecondary training, and career opportunities in the field that may be pursued directly after graduation.		
Construction Engineering Technology	College	TCJ4C1
This course enables students to further develop knowledge and skills related to residential construction and to explore light commercial construction. Students will gain hands-on experience using a variety of materials, processes, tools, and equipment, and will learn more about building design and project planning. They will continue to create and interpret construction drawings and will extend their knowledge of construction terminology and of relevant building codes and regulations, as well as health and safety standards and practices. Students will also focus on environmental and societal issues related to construction engineering technology, and will explore career opportunities in the field.		
<i>Prerequisite: TCJ3C1</i>		
Technological Design	University/College	TDJ4M1
This course introduces students to the fundamentals of design advocacy and marketing, while building on their design skills and their knowledge of professional design practices. Students will apply a systematic design process to research, design, build, and assess solutions that meet specific human needs, using illustrations, presentation drawings, and other communication methods to present their designs. Students will enhance their problem-solving and communication skills, and will explore career opportunities and the postsecondary education and training requirements for them.		
<i>Prerequisite: TDJ3M1</i>		
Computer Engineering Technology	University/College	TEJ4M1
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

Communications Technology	University/College	TGJ4M1
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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

TV, Video, and Movie Production	University/College	TGV4M1
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This course further examines communications technology from a digital media perspective. This course is project-based and will provide students with opportunities to further develop the knowledge and skills necessary to create, manage, and distribute electronic, graphic, live, or recorded audio-visual projects with an emphasis on television, video, and film production. Students will also expand their awareness of related environmental and societal issues, and will further explore college and university programs and career opportunities in film production and broadcasting.

Prerequisite (one of): TGJ3M1, TGV3M1

Manufacturing Engineering Technology	University/College	TMJ4M1
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This course enables students to further develop knowledge and skills related to design, process planning, control systems, project management, quality assurance, and business operations. Students will use a broad range of tools and equipment, enhance their skills in computer-aided design, and collaborate in managing a project. Students will critically analyse and solve complex problems involved in manufacturing products. Students will expand their awareness of environmental and societal issues and of career opportunities in the manufacturing industry.

Prerequisite: TMJ3M1

Transportation Technology	College	TTJ4C1
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This course enables students to further develop technical knowledge and skills as they study, test, service, and repair engine management systems; powertrains; steering/control, suspension, brake, and body systems on vehicles, aircraft, and/or watercraft; and/or small-engine products. Students will refine communication and teamwork skills through practical tasks, using a variety of tools and equipment. Students will expand their awareness of environmental and societal issues related to transportation and their knowledge of apprenticeship and college programs leading to careers in the transportation industry.

Prerequisite: TTJ3C1

Custom Woodworking	Workplace	TWJ4E1
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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.

Hairstyling and Aesthetics	Workplace	TXJ4E1
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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 will strengthen their fundamental cosmetology skills and develop an understanding of common business practices and strategies in the salon/spa industry. Students will also expand their understanding of environmental and societal issues and their knowledge of postsecondary destinations in the hairstyling and aesthetics industry.

Prerequisite: TXJ3E1

2020-2021 ONLINE COURSES

Students wishing to select online courses should talk to their Guidance Counsellor.

Grade 10 and 11 Online options:

AMM3MO – Music and Computers *University/College*
BMI3CO – Marketing *College*
BTA3AO – Information and Communication Tech *Open*
CHA3UO – American History *University*
CHV2OO – Civics *Open*
CLU3MO – Understanding Cdn. Law *Univ/Coll*
ELS2OO – Literacy Skills
EMS3OO – Media Studies *Open*
ENG3CO – English *College*
ENG3EO – English *Workplace*
ENG3UO – English *University*
GLC2OO – Careers *Open*
GPP3OO – Leadership and Peer Support *Open*
GWL3OO – Designing Your Future *Open*

HRT3MO – World Religions *Univ/Coll*
HSP3UO – Anthro. Psych., Soc. *Univ/Coll*
ICS3UO – Intro to Comp. Programming *University*
MEL3EO – Math for Everyday Life, *Workplace*
NBV3CO – Native Studies *College*
NBV3EO – Native Studies *Workplace*
NDA3MO – Native Studies *Univ/Coll*
PPZ3OO – Health For Life *Open*
SBI3CO – Biology, *College*
SBI3UO – Biology, *University*
SCH3UO – Chemistry, *University*
SVN3MO – Environmental Science *Univ/Coll*
TGJ3MO – Communication Technology *Univ/Coll*
TGV3MO – TV, Video and Music Production *U/C*

Grade 12 Online options:

BBB4MO – International Business *University/College*
BDV4CO – Entrepreneurship *College*
BOH4MO – Business Leadership *Univ/Coll*
CGR4MO – Environment & Resource Mgmt. *Univ/Coll*
CHI4UO – Canada: History, Identity, Culture *Univ*
CHY4UO – World History *University*
CIA4U1 – Economics *University*
CPW4UO – Cdn. & World Politics *University*
ENG4CO – English *College*
ENG4EO – English *Workplace*
ENG4UO – English *University*
EWC4UO – The Writer's Craft *University*
GLN4OO – Navigating the Workplace, *Open*
HFA4UO – Nutrition and Health *University*
HHS4MO – Individuals & Families *University/College*
HHS4CO – Challenge and Change in Society *College*

HZT4UO – Philosophy *University*
HSB4UO – Challenge and Change in Society *Univ*
ICS4CO – Intro to Comp. Programming *College*
ICS4UO – Intro to Comp. Programming *University*
MCT4CO – Math for College Technology *College*
MCV4UO – Calculus and Vectors *University*
MDM4UO – Math of Data Management *University*
MEL4EO – Math for Everyday Life *Workplace*
MHF4UO – Advanced Functions *University*
OLC4OO – Ontario Secondary School Literacy Course *Open*
PSK4UO – Intro to Kinesiology *University*
SBI4UO – Biology *University*
SCH4CO – Chemistry *College*
SES4UO – Earth and Space Science *University*
SPH4CO – Physics *College*

ENG2D1

This school indicator is used to distinguish course characteristics.
 1 = common code 8 = 2 credit Cooperative Education
 4 = French Immersion E = ESL
 F = Female M = Male

This letter identifies the course type
Grades 9 & 10 D=Academic P=Applied O=Open L=Locally developed
Grades 11-12 U=University C=College E=Workplace
 M=University/College O=Open

This number indicates the grade.
 1 = Grade 9 2 = Grade 10 3 = Grade 11 4 = Grade 12

The first three letters identify the subject. The first letter in each course code denotes the courses department area.

A = Arts	B = Business	C = Canadian & World Studies
E = English	F = French	G = Guidance & Career Education
S = Sciences	M = Mathematics	H = Humanities & Social Sciences
T = Technology	P = Physical Education	L = International Languages

TDJ3M1

SPECIALIST HIGH SKILLS MAJORS

The following charts indicate the course combinations students can choose for our two SHSM Programs.
Energy SHSM

	Apprenticeship Training Pathway		College Pathway		University Pathway		Workplace Pathway	
	Grade 11	Grade 12	Grade 11	Grade 12	Grade 11	Grade 12	Grade 11	Grade 12
Major credits (2 each year)	TCJ3C TDJ3O TEJ3E TMJ3C TTJ3C	TCJ4C TDJ4O TEJ4E TMJ4C TTJ4C	TCJ3C TDJ3M TDR3M TEJ3M TER3M TMJ3M TMR3M TTJ3C	TCJ4C TDJ4M TDR4M TEJ4M TER4M TMJ4M TMR4M TTJ4C	TCJ3C TDJ3M TDR3M TEJ3M TER3M TMJ3M TMR3M TTJ3C	TCJ4C TDJ4M TDR4M TEJ4M TER4M TMJ4M TMR4R TTJ4C	TCJ3E TDJ3O TEJ3E TMJ3E TTJ3O	TCJ4E TDJ4O TEJ4E TMJ4E TTJ4E
English credit (CLA unit)		ENG4C		ENG4C		ENG4U		ENG4E
Math credits (CLA unit)	MBF3C		MBF3C MCF3M		MCF3M MCR3U		MEL3E	
Grade 11 or 12 Science or Business Studies or Canadian and World Studies (choose one of the following)	SVN3E	SPH4C SCH4C	SVN3M	SPH4C SCH4C	SPH3U SCH3U SVN3M		SVN3E	
Co-op credits	2 co-op (in Energy sector, linked to a course in the SHSM bundle or GLC2O)		2 co-op (in Energy sector, linked to a course in the SHSM bundle or GLC2O)		2 co-op (in Energy sector, linked to a course in the SHSM bundle or GLC2O)		2 co-op (in Energy sector, linked to a course in the SHSM bundle or GLC2O)	
Cooperative Education Planning	Summer Internship: After grade 11 ☐ After grade 12 ☐ During Grade 11 ☐ During Grade 12 ☐							
Courses in Addition to SHSM Requirements								

Environment SHSM

	Apprenticeship Training Pathway		College Pathway		University Pathway		Workplace Pathway	
	Grade 11	Grade 12	Grade 11	Grade 12	Grade 11	Grade 12	Grade 11	Grade 12
Major credits (2 each year)	PAD3O SVN3E GPP3O SBI3C	CGR4E SCH4C	PAD3O SVN3M CGF3M GPP3O SBI3C	CGR4M SCH4C BBB4M PLF4M1	CGF3M SVN3M GPP3O PAD3O SBI3U SCH3U	CGR4M CGW4U SBI4U SCH4U PLF4M1 SES4U1	PAD3O SVN3E GPP3O	CGR4E PLF4M1
English credit (CLA unit)	ENG3C	ENG4C	ENG3C	ENG4C	ENG3U	ENG4U	ENG3E	ENG4E
Math credits (CLA unit)	MEL3E MBF3C		MBF3C		MCR3U MCF3M		MEL3E	
Co-op credits	2 co-op (in Environment sector, linked to a course in the SHSM bundle or GLC2O)		2 co-op (in Environment sector, linked to a course in the SHSM bundle or GLC2O)		2 co-op (in Environment sector, linked to a course in the SHSM bundle or GLC2O)		2 co-op (in Environment sector, linked to a course in the SHSM bundle or GLC2O)	
Cooperative Education Planning	Summer Internship: After grade 11 ☐ After grade 12 ☐ During Grade 11 ☐ During Grade 12 ☐							
Courses in addition to SHSM Requirements								

Students who are interested in doing a Specialist High Skills Major program at Garth Webb in their Grade 11 and 12 years will apply in Semester 2 of their Grade 10 year.

Key contacts for the SHSM programs:

Energy: Paul White, whitep@hdsb.ca

Environment: Josh Sanderson, sandersonjo@hdsb.ca

Cooperative Education: Gina Trojanovic, trojanovicd@hdsb.ca

Students who are interested in exploring other SHSM programs, OYAP programs, and other specialty programs should visit <http://haltonpathways.ca/> for more information

2020-2021 GWSS Course Offering

Subject Area	Grade 10	Grade 11	Grade 12
Art	ADA201 - Dramatic Arts <i>Open</i> AMU201 - Music <i>Open</i> AVI201 - Visual Arts <i>Open</i> AMV201- Vocal Music	*ADA3M1 - Dramatic Arts <i>Univ/Coll</i> *AMU3M1 - Music <i>Univ/Coll</i> *AMV3M1 - Vocal Music <i>Univ/Coll</i> *AVI3M1 - Visual Arts <i>Univ/Coll</i> AMG3O1 - Guitar <i>Open</i> *AWQ3M1 - Photography <i>U/C</i> *AWD3M1- Art Leadership, Portfolio <i>U/C</i>	*ADA4M1 - Dramatic Arts <i>Univ/Coll</i> *AMU4M1 - Music <i>Univ/Coll</i> *AVI4M1 - Visual Arts <i>Univ/Coll</i> *AWQ4M1 - Photography <i>U/C</i> *AWD4M1- Art Leadership, Portfolio <i>U/C</i>
Business Studies	BBI201 - Intro to Business <i>Open</i>	BAF3M1 - Accounting <i>Univ/Coll</i> BMI3C1 - Intro to Marketing <i>Coll</i> BDI3C1- Entrepreneurship <i>Coll</i>	*BAT4M1 - Accounting <i>Univ/Coll</i> BBB4M1 - Intl Business <i>Univ/Coll</i> BOH4M1 - Bus. Leadership <i>U/C</i> CIA4U1 - Economics <i>Univ</i> IDC4UB- Building Financial Securities <i>U</i>
Canada and World Studies	CHC2D1 - Canadian History Ac. CHC2D4 - Canadian History Fl. Ac. CHC2P1 - Canadian History Ap CHV2O1 - Civics <i>Open</i> CHV2O4 - Civics Fl <i>Open</i>	CGF3M1 - Forces of Nature <i>U/C</i> CGG3O1 - Travel and Tourism <i>Coll</i> CHW3M1 - Hist. to the 16th C <i>U/C</i> CLU3M1 - Cdn. Law <i>Univ/Coll</i>	CGW4C1 - Cdn. World Issues <i>C</i> CGW4U1 - Cdn. World Issues <i>U</i> CGR4M1 - Env. Res. Mgmt <i>U/C</i> CHY4C1 - World History <i>Coll</i> CHY4U1 - World History <i>Univ</i> CLN4C1 - Legal Studies <i>Coll</i> CLN4U1 - Cdn. Intl. Law <i>Univ</i>
Classic and International Languages	LWSBD1 - Level 1 Spanish <i>Academic</i>	*LWSCU1 – Level 2 Spanish <i>Univ</i>	*LWSDU1 – Level 3 Spanish <i>Univ</i>
Computer Studies	ICS201 - Intro to Comp. Std. <i>Open</i>	ICS3C1 - Intro to Comp. Pro. <i>Coll</i> ICS3U1 - Intro to Computer Sci. <i>U</i>	*ICS4C1 - Comp. Pro. <i>Coll</i> *ICS4U1 - Computer Sci. <i>U</i>
Cooperative Education	DCO201 -Cooperative Education <i>Open</i> 1 credit	COP3O8 - Cooperative Education <i>Open</i> 2 credits COP3O7-Cooperative Education, Open, 1 credit	COP4O8 - Cooperative Education <i>Open</i> 2 credits COP4O7-Cooperative Education, Open, 1 credit
English	ENG2D1 - English <i>Academic</i> ENG2P1 - English <i>Applied</i>	*ENG3U1 - English <i>University</i> *ENG3C1 - English <i>College</i> EMS3O1 - Media Studies <i>Open</i>	*ENG4U1 - English <i>University</i> *ENG4C1 - English <i>College</i> *ETS4U1- English Literature, University *EWC4U1 - Writer's Craft <i>Univ</i> OLC4O1 - Literacy Course <i>Open</i>
French as a Second Language	*FSF2D1 - Core French <i>Academic</i> *FIF2D1 - Core French, Fl, <i>Academic</i>	*FSF3U1 - Core French <i>University</i> *FIF3U1 - Immersion French, <i>University</i>	*FSF4U1 - Core French <i>University</i> *FIF4U1 - Immersion French, <i>University</i>
Guidance and Career Education	GLC2O1 - Career Studies <i>Open</i> GLC2O4 - Career Studies Fl, <i>Open</i> GLE2O1 - Learn. Strat. <i>Open</i>	GPP3O1 - Lead. Peer Support <i>Op</i> GLE3O1 - Adv. Learn. Strat. <i>Open</i>	GLE4O1 - Adv. Learn. Strat. <i>Open</i> GLS4O1 - Adv. Learn. Strat. <i>Open</i>
Healthy Active Living	PAF2OF - Pers.Fitness <i>Female Open</i> PPL2OF - HAL <i>Female Open</i> PPL2OM - HAL <i>Male Open</i>	PPL3O1 - HAL <i>Co-Ed Open</i> PAD3O1 - Outdoor Ed. <i>Co-Ed Op</i> PAF3O1 - Pers Fitness <i>Co-Ed Op</i>	PAF4O- Personal Fitness <i>Co-Ed Op</i> PLF4M1- Physical Education Leadership <i>U/M</i> PPL4O1- HAL <i>Co-Ed Op</i> *PSK4U1- Intro to Kin <i>Univ</i>
Mathematics	MFM2P1 - Found. of Math <i>Applied</i> *MPM2D1 - Principles of Math <i>Academic</i> .	*MBF3C1 - Found.for Coll. Math <i>C</i> *MCF3M1 - Functions & Appl <i>U/C</i> *MCR3U1 - Functions <i>University</i> MEL3E1 - Math for Everyday <i>Wkpl</i>	*MAP4C1 - Found.for Coll. Math <i>C</i> *MDM4U1 - Data Management <i>U</i> *MHF4U1 - Advanced Functions <i>U</i> *MCV4U1 – Calculus & Vectors <i>U</i> *MEL4E1 - Math for Everyday <i>Wkpl</i>
Science	SNC2D1 - Science <i>Academic</i> SCN2P1 - Science <i>Applied</i>	*SBI3U1 - Biology <i>University</i> *SBI3C1- Biology <i>College</i> *SCH3U1 - Chemistry <i>University</i> *SPH3U1 - Physics <i>University</i> *SVN3M1 - Env. Science <i>Univ/Coll</i>	*SBI4U1 - Biology <i>University</i> *SCH4U1 - Chemistry <i>University</i> *SCH4C1 - Chemistry <i>College</i> *SES4U1- Earth and Space Science <i>Uni</i> *SNC4M1- Science <i>U/C</i> *SPH4C1 - Physics <i>College</i> *SPH4U1 - Physics <i>University</i>
Social Science and Humanities	HFN2O1 - Food and Nutrition <i>Open</i>	HFC3M1 - Food & Culture <i>U/C</i> HSP3C1 - Anthro. Soc. Psych. <i>Coll</i> HSP3U1 - Anthro. Soc. Psych. <i>Univ</i> HSP3U4 - Anthro. Soc. Psych. Fl, <i>Univ</i>	*HFA4C1 - Nutrition & Health <i>Coll</i> *HFA4U1 - Nutrition & Health <i>Univ</i> *HSB4U1 – Chall/Change in Soc <i>U</i> *HSC4M1- World Cultures <i>U/C</i>
Technology	TCJ2O1 - Const. Tech. <i>Open</i> TDJ2O1 - Tech. Design <i>Open</i> TEJ2O1 - Comp. Tech. <i>Open</i> TGJ2O1 - Comm.Tech. <i>Open</i> TMJ2O1 - Man. Tech. <i>Open</i> TTJ2O1 - Trans.Tech. <i>Open</i> TXJ2O1 - Hair & Aesthetics <i>Open</i>	TCJ3C1 - Const. Eng. Tech. <i>Coll</i> TDJ3M1 - Tech. Design <i>Univ/Coll</i> TEJ3M1 - Comp. Eng. Tech <i>U/C</i> TGJ3M1 - Comm. Tech. <i>Univ/Coll</i> TGV3M1- TV, Video and Movie Prod <i>U/C</i> TMJ3M1 - Man. Eng. Tech <i>U/C</i> TTJ3C1 - Trans.Tech. <i>College</i> TWJ3E1- Custom Woodworking, Workplace TXJ3E1 - Hair & Aesth. <i>Workplace</i>	*TCJ4C1 - Const. Eng. Tech. <i>Coll</i> *TDJ4M1 - Tech. Design <i>Univ/Coll</i> *TEJ4M1 - Comp. Eng. Tech <i>U/C</i> *TGJ4M1 - Comm. Tech. <i>Univ/Coll</i> *TGV4M1- TV, Video and Movie Prod <i>U/C</i> *TMJ4M1 - Man. Eng. Tech <i>U/C</i> *TTJ4C1 - Trans.Tech. <i>College</i> *TWJ4E1- Custom Woodworking, Workplace *TXJ4E1 - Hair & Aesth. <i>Workplace</i>