

WALKERVILLE COLLEGIATE INSTITUTE



COURSE DESCRIPTION BOOKLET

2025 – 2026



COURSE SELECTIONS - This document is prepared for students and parents to assist in planning an educational program suited to your individual needs, pathways and abilities. Responsibility for appropriate course selection rests with students and parents in collaboration with teachers, mentors and counselors. Please take the time to read the information in this document to understand the content, expectations, and requirements of each course before you make your course selections.

Students in Grades 9, 10, and 11 are required to take 4 courses per semester. Students who have earned a minimum of 24 credits must take at least 3 courses per semester.

PROCEDURES - During the month of February, students will be selecting courses for the following school year. Students and parents should understand that many important decisions about next year's course offerings, staff allocation and timetables are based on the information provided by students on their option sheets. Completion and submission of the option sheet is a commitment by the student to attend Walkerville Collegiate Institute in September and to take the entire program of studies which was requested. No changes can be made – including permission to drop a course – unless necessitated by credits earned at night/summer school or a course failed or cancelled.

FULL DISCLOSURE FOR GRADES 11 AND 12 - The Ministry of Education has a policy of full disclosure. This policy states that all Grades 11 and 12 courses attempted by students must be recorded on Ontario Student Transcripts. Full disclosure does not apply to students in Grades 9 or 10. Any Grades 11 and 12 courses completed, dropped, or failed will appear on a student transcript along with the marks earned in the program. Full disclosure will take effect 5 instructional days following the issue of the November and April Provincial Report Cards.

EXPLANATION OF COURSE CODING

Example: BAF3M (Grade 11 Business Accounting). The first three characters (BAF) refer to the subject area. The fourth character (3) refers to the grade level = 11. The fifth character (M) refers to the stream = university/college preparation. A sixth character may be used in certain courses to designate a credit value or to differentiate between courses with similar codes.

ONLINE LEARNING GRADUATION REQUIREMENT

Beginning with students that entered Grade 9 in the 2020-21 school year, students must earn at least two online learning credits to get their Ontario Secondary School Diploma. The online learning graduation requirement also applies to adult learners that will be entering the Ontario secondary school system starting in 2023-24 school year.

CREDITS EARNED DURING COVID-19

Students can count one secondary school credit that was earned during the province wide school closures (from April 2021 to June 2021) towards the two online learning credits that they need to graduate. This applies to all Grade 9 students who were learning remotely due to the province wide school closures.

OPTING OUT

Parents who wish to opt out or exempt their child from the online graduation requirement must complete the opt-out form available from their child's school board. Exemption from the online learning graduation requirements may be requested by:

- the parent or guardian of the secondary student
- students who are 18 years of age or older
- students who are 16 or 17 years of age and have withdrawn from parental control.

TYPES OF COURSES IN GRADES 9 & 10

Academic courses: Identified by the letter “D” in the course code. They emphasize theory and abstract problems, and lead to University and College Preparation courses in Grades 11 and 12. Example: ENG2D.

Applied courses: Identified by the letter “P” in the course code. They focus on practical applications and concrete example, and lead to college preparation (in most areas), and Workplace courses in Grades 11 and 12. Example: ENG2P.

Open courses: Identified by the letter “O” in the course code. They are designed to enrich education generally.

Locally developed courses: Identified by the letter “L” in the course code. These locally developed courses focus on basic skills for students who have been recommended by their Grade 8 teachers in consultation with parents and the student. “L” courses are offered in English, Math and Science at both Grade 9 and 10 and History at Grade 10.

De-streamed courses: Identified by the letter “W” in the course code. A de-streamed course will prepare students for university, college, apprenticeship.

Exploring Technologies: New Graduation Requirement for September 2024

Ministry Announcement

The Ontario government is implementing a new high school graduation requirement to help better prepare students across our province for the jobs of tomorrow. Starting with students entering Grade 9 in September 2024, all students will now be required to earn a Grade 9 or 10 Technological Education credit as part of their Ontario Secondary School Diploma.

TYPES OF COURSES IN GRADES 11 & 12

Courses are designed to prepare students for a specific destination. Fifth character coding:

U – University Courses

M – University/College Courses

C – College Courses

E – Workplace Courses

O – Open Courses (allow students to broaden their knowledge and skills, but not designed for any one destination)

PREREQUISITE COURSES

Students must be aware of prerequisites in order to select the proper pathway for future goals. Prerequisite courses provide the knowledge and skill development that is necessary for completion of the next level of a course.

WE APPRECIATE your attention to these important decisions and the prompt return of the signed computer option sheet. Our staff is always available to students and parents to help you make the choices so important to your educational future.

COURSE DESCRIPTIONS

ARTS COURSES

INTEGRATED ARTS (Open) - ALC10

This course integrates dance, drama, media arts, music, visual arts and expose students to arts they can take in grade 10, giving students the opportunity to produce and present integrated art works created individually or collaboratively. Students will demonstrate innovation as they learn and apply concepts, styles, and conventions unique to the various arts and acquire skills that are transferable beyond the classroom. Students will use the creative process and responsible practices to explore solutions to integrated arts challenges. No experience is necessary in any art forms. Students will be introduced to basic theories and practices in drama, media arts, dance, music, (instrumental, guitar, vocal), and visual arts.

VISUAL ARTS (Open) - AVI10

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

DRAMATIC ARTS (Open) - ADA20

This course provides opportunities for students to explore dramatic forms, conventions, and techniques. Students will explore a variety of dramatic sources for 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.

VISUAL ARTS (Open) - AVI20

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.

KEYBOARD MUSIC (Open) - AMK20

This course emphasizes the creation and performance of music at a level consistent with previous experience. Students will develop musical literacy skills by using the creative and critical analysis processes in composition, performance, and a range of reflective and analytical activities. Students will develop their understanding of musical conventions, practices, and terminology and apply the elements of music in a range of activities. They will also explore the function of music in society with reference to the self, communities, and cultures. This course is designed for beginning students in piano. Scale and chord applications, computer music software and the explanation of various styles of music through group performance activities will be learned.

MEDIA ARTS (Open) - ASM20

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

DRAMATIC ARTS (University/College Preparation) - ADA3M**Prerequisite: ADA20**

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.

MEDIA ARTS (University/College Preparation) - ASM3M**Prerequisite: ASM20**

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

VISUAL ARTS (University/College Preparation) - AVI3M**Prerequisite: AVI10 OR AVI20**

This course provides students with opportunities 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, and information design).

DRAMATIC ARTS (University/College Preparation) - ADA3M**Prerequisite: ADA20**

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.

DRAMA (University/College Preparation) - ADA4M

Prerequisite: ADA3M

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 analyze how the knowledge and skills developed in drama are related to their personal skills, social awareness, and goals beyond secondary school.

VISUAL ARTS - STAGE DESIGN FOCUS (University/College Preparation) - AWJ4M

Prerequisite: AVI3M

Students will investigate the art of stage design to transform and create new realities. They will learn to work individually and cooperatively using the creative and critical analysis processes unique to the arts. They will create and/or analyze script, set, costume, property, and lighting designs as well as publicity and sound. Students will learn about transforming environments into performance spaces as well as recycling materials into unique stage design forms. Working as an integral part of a design team, students will create and present shared stage design concepts through concept sketches, collages, coloured renderings, hand-drafted scale drawings, and painted scale maquettes. They will develop both their individual and collective identities as they explore the field of stage design, learn to respect arts protocols, and understand the interconnected roles of designers in the arts. They will examine and appreciate the universal cultural connections of past and present performing arts in their locally, nationally as well as the larger global community. The students will be given practical application experience of their experiential learning as they contribute to the development of the design concepts (set, costume, posters, programmes, tickets, advertising) for Walkerville's school productions and upcoming events.

MEDIA ARTS (University/College Preparation) - ASM4M

Prerequisite: ASM3M

This course emphasizes the refinement of media arts skills through the creation of a thematic body of work by applying traditional and emerging technologies, tools, and techniques such as multimedia, computer animation, installation art, and performance art. Students will develop works that express their views on contemporary issues and will create portfolios suitable for use in either career or postsecondary education applications. Students will critically analyse the role of media artists in shaping audience perceptions of identity, culture, and community values.

VISUAL ARTS (University/College Preparation) - AVI4M

Prerequisite: AVI3M

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.

BUSINESS/LEARNING STRATEGIES COURSES

BUILDING THE ENTREPRENEURIAL MINDSET - (Open) BEM10

In this course, students will learn what makes an entrepreneur thrive and the skills required to succeed in today's business environment. Students will begin to develop their own entrepreneurial mindset, and learn why it's important to take initiative, adapt to change, find creative solutions, and understand the financial considerations of entrepreneurship. This hands-on course will use business software and applications to help students plan and develop their entrepreneurial ideas and learn how to present them to a target audience. Throughout the course, students will enhance their communications skills as well as develop and refine their project management skills, including goal setting, time management, and networking.

LEARNING STRATEGIES (Open) - GLS10C

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. * Directed for students who have selected de-streamed and are working towards provincial standard (Level 3).

LAUNCHING AND LEADING A BUSINESS (Open) – BEP20

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

CAREER STUDIES (Open, .5 credit) - GLC20H

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

FINANCIAL ACCOUNTING FUNDAMENTALS (University/College Preparation) - BAF3M

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

LEADERSHIP AND PEER SUPPORT SECONDARY SCHOOL (Open) – GPP30

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

BUSINESS LEADERSHIP: MANAGEMENT FUNDAMENTALS (University/College Preparation) - BOH4M

Prerequisite: Any university, or college preparation course in business studies, English, or Canadian and World Studies.

This course focuses on the development of leadership skills used in managing a successful business. Students will analyze the role of a leader in business with a focus on decision making, management of group dynamics, workplace stress and conflict, motivation of employees, and planning. Effective business communication skills, ethics, and social responsibility will be emphasized throughout the course.

MARKETING: GOODS, SERVICES, EVENTS (College Preparation) - BMI3C

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.

ENGLISH COURSES

ENGLISH (De-streamed) - ENL1W

This course enables students to continue to develop and consolidate the foundational knowledge and skills that they need for reading, writing and oral and visual communication. Throughout the course, students will continue to enhance their media literacy and critical literacy skills, and to develop and apply transferable skills, including digital literacy. Students will also make connections to their lived experiences and to society and increase their understanding of the importance of language and literacy across the curriculum.

ENGLISH (Locally Developed) - ENG1L

This course provides foundational literacy and communication skills to prepare students for success in their daily lives, in the workplace, and in the Grade 10 LDCC Course. The course develops listening and speaking skills, reading and viewing skills, and writing skills. The focus is on developing foundational literacy skills and on using language clearly and accurately in a variety of authentic contexts. Students develop strategies and put into practice the processes involved in talking, listening, reading, viewing, writing, and thinking, and reflect regularly upon their growth in these areas.

ENGLISH (Academic) - ENG2D

Prerequisite: ENG1D

This course extends the range of analytic, reading, writing, oral communication and thinking skills that students need for success in secondary school academic courses. Students will study and interpret challenging texts from contemporary and historical periods including novels, poems, plays and opinion pieces and will analyse and create effective media works. An important focus will be the thoughtful use of spoken and written language.

ENGLISH (Applied) - ENG2P

Prerequisite: ENG1D

This course extends the range of key reading, writing, oral communication and thinking skills that students need for success in all areas of the curriculum. Students will study novels, poems, magazines and reports and will describe, design and produce effective media works. An important focus will be the clear and coherent use of spoken and written language.

ENGLISH (Locally Developed) - ENG2L

Prerequisite: ENG1L, ENG1D

In this course, students focus on extending their literacy and communication skills to prepare for success in their daily lives, in the workplace, in the English Grade 11 Workplace Preparation course, or in the English: Contemporary Aboriginal Voices, Grade 11 Workplace Preparation course. The course extends listening and talking skills, reading and viewing skills, and writing skills. The focus is on refining foundational literacy skills and on using language clearly and accurately in a variety of authentic contexts. Students build on their strategies and engage in the processes involved in talking, listening, reading, viewing, writing, and thinking, and reflect regularly upon their growth in these areas.

CONTEMPORARY FIRST NATIONS, MÉTIS, AND INUIT VOICES (University Preparation) - NBE3U

Prerequisite: ENG2D

This course explores themes, forms, and stylistic elements of a range of literary, informational, graphic, oral, cultural, and media texts about and from First Nations, Métis, and Inuit cultures in Canada. Students will analyse the changing use of text forms by Aboriginal authors from various periods and cultures to express themes such as identity, relationships, and sovereignty. Students will create oral, written, and media texts to explore their own ideas and understanding, focusing on the development of literacy, communication, and critical and creative thinking skills necessary for success in academic and daily life. The course is intended to prepare students for the compulsory Grade 12 English university or college preparation course.

CONTEMPORARY FIRST NATIONS, MÉTIS, AND INUIT VOICES (College Preparation) - NBE3C

Prerequisite: ENG2P or ENG2D

This course explores themes, forms, and styles of literary, informational, graphic, oral, cultural, and media texts about and from First Nations, Métis, and Inuit cultures in Canada. Students will study the use of text forms by Aboriginal authors from various periods and cultures to express themes such as identity, relationships, and sovereignty. Students will create oral, written, and media texts to explore their own ideas and understanding, focusing on the development of literacy, communication, and critical and creative thinking skills necessary for success in academic and daily life. The course is intended to prepare students for the compulsory Grade 12 English college preparation course.

CONTEMPORARY FIRST NATIONS, MÉTIS, AND INUIT VOICES (Workplace Preparation) - NBE3E

Prerequisite: ENG2D, ENG2P, or ENG2L

This course explores themes, forms, and stylistic elements of literary, informational, graphic, oral, cultural, and media texts about and from First Nations, Métis, and Inuit cultures in Canada. Students will investigate the connections between texts and cultural and community aspects of identity, relationships, and sovereignty. Students will create oral, written, and media texts focusing on the development of literacy, communication, and critical thinking skills necessary for success in the workplace and daily life. The course is intended to prepare students for the compulsory Grade 12 English workplace preparation course.

ENGLISH (University Preparation) - ENG4U

Prerequisite: ENG3U or NBE3U

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

ENGLISH (College Preparation) - ENG4C**Prerequisite: ENG3C or NBE3C**

This course emphasizes consolidation of literacy, critical thinking and communication skills. Students will analyse informational texts and literary works from various time periods, countries and cultures; write research reports, summaries and short analytical essays; complete an independent study project and analyse the interactions among media forms, audiences and media industry practices. An important focus will be on establishing appropriate style and using business and technical language effectively.

ENGLISH (Workplace Preparation) - ENG4E**Prerequisite: ENG3E or NBE3C**

This course emphasizes consolidation of literacy, critical thinking, and communication skills. Students will study informational texts and literature from various countries and cultures; write summaries, reports, résumés, and short essays; complete an independent research project; and explain the connections among media forms, audiences, and media industry practices. An important focus will be on using specialized language related to the workplace accurately and coherently in appropriate contexts.

THE WRITER'S CRAFT (University Preparation) - EWC4U**Prerequisite: ENG3U or NBE3U**

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.

THE WRITER'S CRAFT (College Preparation) - EWC4C**Prerequisite: ENG3C or NBE3C**

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.

**ONTARIO SECONDARY SCHOOL LITERACY COURSE (Open) -
OLC40**

Prerequisite: Students who have written the OSSLT and been unsuccessful at least once.

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.

HUMANITIES COURSES

EXPLORING FAMILY STUDIES (Open) - HIF10

This course explores, within the context of families, some of the fundamental challenges people face how to meet basic needs, how to relate to others, how to manage resources, and how to become responsible members of society. Students will explore adolescent development and will have opportunities to develop interpersonal, decision-making, and practical skills related to daily life. They will learn about the diverse ways in which family's function in Canada and will use research skills as they explore topics related to individual and family needs and resources.

FOOD AND NUTRITION (Open) - HFN20

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. This 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.

EXPLORING FAMILY STUDIES (Open) – HIF20

This course explores, within the context of families, some of the fundamental challenges people face how to meet basic needs, how to relate to others, how to manage resources, and how to become responsible members of society. Students will explore adolescent development and will have opportunities to develop interpersonal, decision-making, and practical skills related to daily life. They will learn about the diverse ways in which family's function in Canada and will use research skills as they explore topics related to individual and family needs and resources.

FOOD AND CULTURE (Workplace Preparation) - HFC3E

This course focuses on the flavours, aromas, cooking techniques, foods, and cultural traditions of world cuisines. Students will demonstrate the ability to cook with ingredients and equipment from a range of cultures, describe food-related etiquette in a variety of countries and cultures, and explore ways in which Canadian food choices and traditions have been influenced by other cultures. Students will have opportunities to develop practical skills and apply research skills as they investigate foods and food practices from around the world.

UNDERSTANDING FASHION (College Preparation) - HNC3C

This course introduces students to the world of fashion. Students will gain an understanding of theories related to fashion trends and of how culture, media, fashion cycles, retailing, and social and environmental factors influence fashion trends and consumer behaviour. Students will use various tools, technologies, and techniques safely and correctly to create fashion items. They will apply knowledge of fibres, fabrics, and the elements and principles of design when creating and assessing fashion-related products. Students will develop research skills as they investigate topics related to fashion.

WORLD RELIGIONS AND BELIEF TRADITIONS IN DAILY LIFE (Open) - HRF3O

This course enables students to study world religions and belief traditions in local, Canadian, and global contexts. Students will explore aspects of the human quest for meaning and will examine world religions and belief traditions as exemplified in various sacred teachings and principles, rites, and passages. They will also study the interaction throughout history between society and various belief traditions and will have opportunities to develop research and inquiry skills related to the study of world religions and belief traditions.

INTRODUCTION TO ANTHROPOLOGY, PSYCHOLOGY AND SOCIOLOGY (University/College Preparation) - HSP3C

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.

EQUITY, DIVERSITY, AND SOCIAL JUSTICE (Workplace Preparation) - HSE3E

This course enables students to develop an understanding of historical and contemporary issues relating to equity, diversity, and social justice in a variety of contexts. Students will explore the nature of diversity and power relations in Canada and how social norms shape individual identity. They will learn about social activism and how to address situations that involve discrimination, harassment, and denial of rights. Students will develop and apply research skills and will design and implement a social action initiative relating to an equity, diversity, or social justice issue.

FOOD AND HEALTHY LIVING (Workplace Preparation) - HFL4E

This course focuses on the fundamental food needs of young adults. Students will learn how to stock a kitchen, make nutritious food choices, and accommodate the food needs of others. Through a range of practical experiences, they will develop skills needed in food preparation for personal use and for employment in the food industry. They will also learn about dining etiquette in different contexts and about responsible consumer practices. Students will use social science research methods to investigate issues related to food preparation and nutrition.

FAMILIES IN CANADA (University Preparation) - HHS4U

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

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

HUMAN DEVELOPMENT THROUGHOUT THE LIFESPAN (College/University Preparation) - HHG4M

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

PERSONAL LIFE MANAGEMENT (Open) - HIP40

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

LANGUAGES COURSES

CORE FRENCH (Academic) - FSF1DC

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

This course provides opportunities for students to communicate and interact in French with increasing independence, with a focus on familiar topics related to their daily lives. Students will continue to develop language knowledge and skills by using language-learning strategies introduced in the elementary Core French program and will apply creative and critical thinking skills in various ways. They will also enhance their understanding and appreciation of diverse French-speaking communities and will develop the skills necessary to become life-long language learners.

FRENCH AS A SECOND LANGUAGE - Core French (Open) - FSF10C

This is an introductory course for students **who have little or no knowledge of French or who have not had the opportunity to accumulate the minimum of 600 hours of elementary Core French instruction.** Students will begin to understand and speak French in guided and structured interactive settings, and will develop fundamental skills in listening, speaking, reading, and writing through discussing issues and situations that are relevant to their daily lives. Throughout the course, students will develop their awareness of diverse French-speaking communities in Canada and acquire an understanding and appreciation of these communities. They will also develop a variety of skills necessary for lifelong language learning.

CORE FRENCH (Academic) - FSF2DC

Prerequisite: FSF1DC

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

CORE FRENCH (University Preparation) - FSF3UC

Prerequisite: FSF2DC

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

CORE FRENCH (University Preparation) - FSF4UC

Prerequisite: FSF3UC

This course provides extensive opportunities for students to speak and interact in French independently. Students will apply language-learning strategies in a wide variety of real-life situations and will continue to develop their creative and critical thinking skills through responding to and interacting with a variety of oral and written texts. Students will also continue to enrich their understanding and appreciation of diverse French-speaking communities and to develop the skills necessary for life-long language learning. Students will receive a Board Certificate after completing FSF4UC in Core French as a Second Language. Moreover, students will have the opportunity to write the DELF test (Diplôme d'étude langue française). This is the official language diploma awarded by France's Ministry of National Education. It is recognized around the world and is valid for life. As an official certification of second-language proficiency, the DELF tests the ability of students to use French in real-life situations. This will enrich a student's professional portfolio, enhance a student's resumé, and opens doors to a wide range of career opportunities throughout Canada and around the world.

GEOGRAPHY COURSES

EXPLORING CANADIAN GEOGRAPHY (De-Streamed) - CGC1W

Prerequisite: None

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

TRAVEL AND TOURISM A GEOGRAPHIC PERSPECTIVE (Open) - CGG3O

Prerequisite: CGC1P or CGC1D

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

CGR4M - THE ENVIRONMENT AND RESOURCE MANAGEMENT

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

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

HISTORY AND LAW COURSES

CIVICS AND CITIZENSHIP (Open, .5 credit) - CHV2OH

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

CANADIAN HISTORY SINCE WORLD WAR I (Academic) - CHC2D

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) - CHC2P

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.

CANADIAN HISTORY IN THE TWENTIETH CENTURY (Locally Developed) - CHC2L

This course focuses on the connections between the student and key people, events, and themes in Canadian history from World War I to the present. Students prepare for the Grades 11 and 12 Workplace Preparation history courses through the development and extension of historical literacy and inquiry skills. Students explore a variety of topics highlighting individuals and events that have contributed to the story of Canada. The major themes of Canadian identity, internal and external relationships, and changes since 1914, are explored through guided investigation. Students have the opportunity to extend analytical skills with a focus on identifying and interpreting events and perspectives and making connections. Students practice reading, writing, visual, and oral literacy skills, and mathematical literacy skills to identify and communicate ideas in a variety of forms.

WORLD HISTORY TO THE FIFTEENTH CENTURY (University/College Preparation) - CHW3M

Prerequisite: CHC2D or CHC2P

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

Origins and Citizenship: The History of a Canadian Ethnic Group (Open) - CHE3O

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

This course focuses on the history of people who came to Canada from a specific country or region. Students will explore historical developments and events in the group's country of origin, the factors that influenced the decision of members of this group to emigrate, their historical experiences in Canada, and their contributions to Canadian identity and heritage. Students will apply the concepts of historical thinking and the historical inquiry process, including the interpretation and analysis of evidence, when investigating various aspects of the group's history.

UNDERSTANDING CANADIAN LAW (University/College Preparation) - CLU3M

Prerequisite: CHC2D or CHC2P

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

WORLD HISTORY SINCE THE FIFTEENTH CENTURY (University Preparation) - CHY4U

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

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

ADVENTURES IN WORLD HISTORY (Workplace Preparation) - CHM4E**Prerequisite: CHC2D, CHC2P or CHC2L**

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

LEGAL STUDIES (College Preparation) - CLN4C**Prerequisite: Civics and Citizenship, Grade 10 Open.**

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, analyzing contemporary legal issues and their relevance to daily life. They will investigate the requirements for various law-related careers as well as legal responsibilities in the workplace. Students will apply the concepts of legal thinking and the legal studies inquiry process to investigate their rights and responsibilities, legal processes and structures, and the role of law in a changing society.

MATHEMATICS AND COMPUTER SCIENCE COURSES

MATHEMATICS (Locally Developed) - MAT1L

This course emphasizes further development of mathematical knowledge and skills to prepare students for success in their everyday lives and in the workplace. The course is organized in three strands related to money sense, measurement, and proportional reasoning. In all strands, the focus is on developing and consolidating key foundational mathematical concepts and skills by solving authentic, everyday problems. Students have opportunities to further develop their mathematical literacy and problem-solving skills and to continue developing their skills in reading, writing, and oral language through relevant and practical math activities.

MATHEMATICS, (Grade 9) – MTH1W

Prerequisite: None

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

MATHEMATICS (Academic) - MPM2D

Prerequisite: MPM1D, MTH1W

This course enables students to broaden their understanding of relations, extend their skills in multi-step problem solving and continue to develop their abilities in abstract reasoning. Students will pursue investigations of quadratic functions and their applications; solve and apply linear systems; solve multi-step problems in analytic geometry to verify properties of geometric figures; investigate the trigonometry of right and acute triangles; and develop supporting algebraic skills.

MATHEMATICS (Applied) - MFM2P

Prerequisite: MFM1P, MTH1W

This course enables students to consolidate their understanding of key mathematical concepts through hands-on activities and to extend their problem-solving experiences in a variety of applications. Students will solve problems involving proportional reasoning and the trigonometry of right triangles; investigate applications of piecewise linear functions; solve and apply systems of linear equations and solve problems involving quadratic functions. The effective use of technology in learning and solving problems will be a focus of the course.

MATHEMATICS (Locally Developed) - MAT2L**Prerequisite: MPM1D, MFM1P, MTH1W, MAT1L or by referral**

This course emphasizes the extension of mathematical knowledge and skills to prepare students for success in their everyday lives, in the workplace, and in the Grade 11 Mathematics Workplace Preparation course. The course is organized in three strands related to money sense, measurement, and proportional reasoning. In all strands, the focus is on strengthening and extending key foundational mathematical concepts and skills by solving authentic, everyday problems. Students have opportunities to extend their mathematical literacy and problem-solving skills and to continue developing their skills in reading, writing, and oral language through relevant and practical math activities.

MATHEMATICS FOR WORK AND EVERYDAY LIFE (Workplace Preparation) - MEL3E**Prerequisite: MPM2D, MFM2P, MAT2L**

This course enables students to broaden their understanding of mathematics as it 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.

FOUNDATIONS FOR COLLEGE MATHEMATICS (College Preparation) - MBF3C**Prerequisite: MFM2P, MPM2D**

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

FUNCTIONS (University Preparation) - MCR3U**Prerequisite: MPM2D**

This course introduces the mathematical concept of the function by extending students' experiences with linear and quadratic relations. Students will investigate properties of discrete and continuous functions, including trigonometric and exponential functions; represent functions numerically, algebraically, and graphically; solve problems involving applications of functions; and develop facility in simplifying polynomial and rational expressions. Students will reason mathematically and communicate their thinking as they solve multi-step problems.

CALCULUS AND VECTORS (University Preparation) - MCV4U

Prerequisite: MHF4U

This course builds on students' previous experience with functions and their developing understanding of rates of change. Students will solve problems involving geometric and algebraic representations of vectors, and representations of lines and planes in three-dimensional space; broaden their understanding of rates of change to include the derivatives of polynomial, rational, exponential, and sinusoidal functions; and apply these concepts and skills to the modeling of real-world relationships. Students will also refine their use of the mathematical processes necessary for success in senior mathematics. This course is intended for students who plan to study mathematics in university and who may choose to pursue careers in fields such as physics and engineering.

ADVANCED FUNCTIONS (University Preparation) - MHF4U

Prerequisite: MCR3U

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

FOUNDATIONS FOR COLLEGE MATHEMATICS (College Preparation) - MAP4C

Prerequisite: MBF3C, MCR3U

This course enables students to broaden their understanding of real-world applications of mathematics. Students will analyze data using statistical methods; solve problems involving applications of geometry and trigonometry; simplify expressions; and solve equations. Students will reason mathematically and communicate their thinking as they solve multi-step problems. This course prepares students for college programs in areas such as business, health sciences, and human services, and for certain skilled trades.

DIGITAL TECHNOLOGY & INNOVATIONS IN THE CHANGING WORLD (Open) - ICD2O

This course helps students develop cutting-edge digital technology and computer programming skills that will support them in contributing to and leading the global economic, scientific and societal innovations of tomorrow. Students will learn and apply coding concepts and skills to build hands-on projects and investigate artificial intelligence, cybersecurity, and other emerging digital technologies that connect to a wide range of fields and careers. Using critical thinking skills with a focus on digital citizenship, students will investigate the appropriate use and development of the digital technologies that they encounter every day, as well as the benefits and limitations of these technologies.

INTRODUCTION TO COMPUTER PROGRAMMING (College Preparation) - ICS3C

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 post-secondary opportunities in computer-related fields.

INTRODUCTION TO COMPUTER SCIENCE (University Preparation) - ICS3U

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 Preparation) - ICS4C

Prerequisite: ICS3C

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.

COMPUTER SCIENCE (University Preparation) - ICS4U

Prerequisite: ICS3U

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.

PHYSICAL EDUCATION COURSES

HEALTHY ACTIVE LIVING EDUCATION (Open) - PPL10F (Female)

HEALTHY ACTIVE LIVING EDUCATION (Open) - PPL10M (Male)

HEALTHY ACTIVE LIVING EDUCATION (Open) - PPL10 (Co-ed)

This course equips students with the knowledge and skills they need to make healthy choices now and lead healthy, active lives in the future. Through participation in a wide range of physical activities, students develop knowledge and skills related to movement competence and personal fitness that provide a foundation for active living. Students also acquire an understanding of the factors and skills that contribute to healthy development and learn how their own well-being is affected by, and affects, the world around them. Students build their sense of self, learn to interact positively with others, and develop their ability to think critically and creatively. Students are required to purchase a physical education uniform at an approximate cost of \$35.00.

HEALTHY ACTIVE LIVING EDUCATION (Open) - PPL20F

HEALTHY ACTIVE LIVING EDUCATION (Open) - PPL20M

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

HEALTHY ACTIVE LIVING EDUCATION (Open) - PPL30F

HEALTHY ACTIVE LIVING EDUCATION (Open) - PPL30M

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

**RECREATION AND HEALTHY ACTIVE LIVING LEADERSHIP:
(University/College) – PLF4M (Co-ed)**

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 kinesiology and for college and university programs in recreation and leisure management, fitness and health promotion, and fitness leadership.

HEALTHY ACTIVE LIVING EDUCATION: (Open) - PPL4O (Co-ed)

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

INTRODUCTORY KINESIOLOGY: (University Preparation) – PSK4U

Prerequisite: Any grade 11 university/college preparation course in science, or any grades 11 or 12 course in health & physical education

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

SCIENCE COURSES

SCIENCE (Grade 9) - SNC1W

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

SCIENCE (Locally Developed) - SNC1L

This course emphasizes reinforcing and strengthening science-related knowledge and skills, including scientific inquiry, critical thinking, and the relationship between science, society, and the environment, to prepare students for success in everyday life, in the workplace, and in the Science Grade 11 Workplace Preparation course. Students explore a range of topics, including science in daily life, properties of common materials, life-sustaining processes in simple and complex organisms, and electrical circuits. Students have the opportunity to extend mathematical and scientific process skills and to continue developing their skills in reading, writing, and oral language through relevant and practical science activities.

SCIENCE (Academic) - SNC2D

Prerequisite: SNC1W

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.

SCIENCE (Applied) - SNC2P

Prerequisite: SNC1W

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.

SCIENCE (Locally developed) - SNC2L**Prerequisite: SNC1L**

This course emphasizes reinforcing and strengthening science related knowledge and skills, including scientific inquiry, critical thinking, and the environmental impact of science and technology, to prepare students for success in everyday life, in the workplace and in the Science Grade 11 Workplace Preparation course. Students explore a range of topics including science in the media, interactions of common materials, interdependence of organisms in communities, and using electrical energy. Students have the opportunity to extend mathematical and scientific process skills and to continue developing their skills in reading, writing, and oral language through relevant and practical science activities.

ENVIRONMENTAL SCIENCE (University/College Preparation) - SVN3M**Prerequisite: SNC2P or SNC2D**

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.

BIOLOGY (College Preparation) - SBI3C**Prerequisite: SNC2P or SNC2D**

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.

BIOLOGY (University Preparation) - SBI3U**Prerequisite: SNC2D**

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.

CHEMISTRY (University Preparation) - SCH3U**Prerequisite: SNC2D**

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.

PHYSICS (University Preparation) - SPH3U**Prerequisite: SNC2D**

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.

BIOLOGY (University Preparation) - SBI4U**Prerequisite: SBI3U**

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.

CHEMISTRY (College Preparation) - SCH4C**Prerequisite: SNC2P or SNC2D**

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.

CHEMISTRY (University Preparation) - SCH4U**Prerequisite: SCH3U**

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.

SCIENCE (Workplace Preparation) - SNC4E**Prerequisite: SNC2L or SNC2P**

This course provides students with fundamental science knowledge and workplace skills needed to prepare them for success beyond secondary school. Students will explore hazards in the workplace, chemicals in consumer products, disease and its prevention, electricity at home and at work, and nutritional science. Emphasis is placed on current topics in science and relevant, practical activities that develop students' literacy and mathematical literacy skills and enhance their scientific literacy.

PHYSICS (University Preparation) - SPH4C**Prerequisite: SNC2D or SNC2P**

This course enables 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.

PHYSICS (University Preparation) - SPH4U**Prerequisite: SPH3U**

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 relating to a variety of physics concepts and principles. Students will also consider the impact of technological applications of physics on society and the environment.

TECHNOLOGY COURSES

Planned Technology Course for September 2025 (Subject to Change)

EXPLORING COMMUNICATIONS TECHNOLOGY - (Open) TGJ10

This exploratory course introduces students to concepts and skills in communications technology, which encompasses television/video and movie production, radio and audio production, print and graphic communications, photography, and interactive new media and animation. Students will develop an awareness of related environmental and societal issues and will begin to explore secondary and postsecondary pathways leading to careers in the field.

Planned Technology Course for September 2025 (Subject to Change)

EXPLORING COMMUNICATIONS TECHNOLOGY - (Open) TGJ20

This exploratory course introduces students to concepts and skills in communications technology, which encompasses television/video and movie production, radio and audio production, print and graphic communications, photography, and interactive new media and animation. Students will develop an awareness of related environmental and societal issues and will begin to explore secondary and postsecondary pathways leading to careers in the field.

E-LEARNING COURSES

E-Learning courses are available for students in Grades 11 and 12. **The GECDSD is planning to offer e-learning courses in 2025-26.**

If you would like further information regarding E-Learning courses, please speak with your guidance teacher-counsellor.

COOPERATIVE EDUCATION

CREATING OPPORTUNITIES THROUGH CO-OP - DCO30 Grade 11 (Open)

In this course, students explore a range of interests or create a focused experience based on a particular interest. Within the context of an experience connected to the community, students will develop skills, knowledge, and habits of mind that support them in their education and career/life planning; protect and promote their health, safety, and well-being; and strengthen their inquiry, decision-making, and leadership skills. Throughout the course, they make connections between their experience in the community and other experimental learning aspects of their lives.

Students will benefit from this course provided they have good attendance, work hard learning new skills, complete all course requirements:

- wish to explore a particular area of interest but do not have a related course (or courses) to support their learning
- wish to explore a range of interests and education and career/life planning opportunities
- wish to create their own innovative or entrepreneurial opportunity that draws on their interests, skills, and career/life goals.

COOPERATIVE EDUCATION LINKED TO A RELATED COURSE (or Courses)

In this course, students make explicit connections between what they learn from a related course (or courses) and how that learning is applied in an authentic environment outside the classroom. The community component provides authentic opportunities that enable students to demonstrate their ability to apply, refine, and extend skills and knowledge associated with curriculum expectations from the related course (or courses). In both the classroom and the community components, students develop skills, knowledge, and habits of mind that will support them in their learning, including their education and career/life planning, at school and beyond, today and in the future. Health, safety, and well-being are key areas of learning. Throughout the course, students also reflect on what they are learning and how it may be applied in other aspects of their lives.

The related course (or courses) may be a course (or courses) from the Ontario curriculum, a ministry-approved locally developed course, or an alternative (non-credit) course that the student is taking concurrently or has already successfully completed.

Students who wish to pursue experiences that deepen their understanding of a particular area of interest related to a course (or courses) they are currently taking or have successfully completed will benefit from this course.

COMMUNITY KITCHEN

This course is a cooperative education opportunity for students to work with a Chef in an ultra modern commercial kitchen providing food to a variety of community programs e.g. (Meals on Wheels). Students can earn on credits in Co-op, Hospitality and Tourism and a Dual Credit from St. Clair College. Students need to apply for this program and will be interviewed for placement. This program is located at the Unemployed Help Centre. See your guidance counsellor for more details and an application package. See the video on the "Community Kitchen Experience" under LINK on your IPP homepage. See Guidance for an application and more information.

O.Y.A.P. ONTARIO YOUTH APPRENTICESHIP PROGRAM

Do you want to work towards an apprenticeship in a highly skilled trade and be possibly paid while doing it? O.Y.A.P. could be for you! Within the framework of the various technologies, Ontario Youth Apprenticeship Programs are offered. These programs are available at Westview Freedom Academy, Herman and Riverside to students who are at least 16 years old and have completed Grade 10. Over a two-year period, students attend school for 40% of the time and work as apprentices in the industry for 60% of the time. Students receive cooperative education credits and may be paid while working as apprentices in industry. Over a two-year period, an Ontario Secondary School Diploma and a significant number of apprenticeship hours are completed. Application forms and additional information may be obtained from a guidance counsellor. Interviews will be conducted before applicants are accepted into the program.

SPECIALIST HIGH SKILLS MAJOR

The Specialist High Skills Major (SHSM) is a program that allows students to focus their learning on a specific field of study while meeting the requirements for the Ontario Secondary School Diploma. A SHSM enables students to gain sector-specific skills and knowledge in the context of engaging, career-related environments. It helps students focus on graduation and the pursuit of post-secondary goals. The program will assist in your child's transition from secondary school to college, university, apprenticeship training, or the workplace.

Walkerville Collegiate Institute offers SHSM in four areas:

- Arts and Culture
- Environment
- Health and Wellness
- Non Profit, Child Care and Education

W.C.C.A.
WALKERVILLE CENTRE FOR THE CREATIVE ARTS

Note: You must have auditioned and have been accepted into the W.C.C.A. program in order to select any of these courses. Students are expected to achieve the credit.

Grade 9

ADA1OW – Drama
AMG1OW – Guitar
AMI1OW – Instrumental Music – Band
AMK1OW – Piano
AMR1OW – Band Music Repertoire
AMS1OW – String
AMU1OW – Music (Honour Band)
ATC1OW – Dance - Technique
ATM1OW – Modern Dance
AMV1OW – Vocal Music
AWL1OW – Drawing and Design
AMT1OW – Music Theatre – Vocal

Grade 10

ADA2OW – Drama
AMG2OW – Guitar
AMI2OW – Instrumental Music – Band
AMK2OW – Piano
AMR2OW – Band Music Repertoire
AMS2OW – String
AMV2OW – Vocal Music
ASM2OW – Media Arts
ATC2OW – Dance – Technique
ATD2OW – Dance Composition
ADB2OW – Music Theatre – Drama

Grade 11

ADA3MW – Drama
ADG3MW – Acting and Improvisation
AMG3MW – Guitar
AMK3MW – Piano
AMO3MW – Orchestra Music
AMR3MW – Band Music Repertoire
AMV3MW – Vocal Music
ASM3MW – Media Arts
ATC3MW – Dance – Technique
ATJ3MW – Jazz Dance
AWM3MW – Painting and Drawing
AWO3MW – Printmaking
AMT3MW – Music Theatre – Vocal

Grade 12

ADA4MW – Drama
ADG4MW – Acting and Improvisation
AMG4MW – Guitar
AMK4MW – Piano
AMO4MW – Orchestra Music
AMR4MW – Band Music Repertoire
AMV4MW – Vocal Music
ASM4MW – Media Arts
ATC4MW – Dance – Technique
ATP4MW – Dance Performance
AWN4MW – Painting
AWP4MW – Sculpture

WHAT DO YOU NEED TO GRADUATE?

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17 Compulsory Credits

STUDENTS MUST EARN THE FOLLOWING COMPULSORY CREDITS TO GET THEIR **ONTARIO SECONDARY SCHOOL DIPLOMA**

- 4 credits in English (1 credit per grade)
- 3 credits in mathematics (at least 1 credit in Grade 11)
- 2 credits in science
- 1 credit in Canadian history (Grade 10)
- 1 credit in Canadian geography (Grade 9)
- 1 credit in the arts
- 1 credit in health and physical education
- 1 credit in French as a second language
- 0.5 credit in career studies
- 0.5 credit in civics and citizenship
- 1 credit in technological education (Grade 9 or 10)
- 1 credit from the STEM-related course group

New

OF THE 17 COMPULSORY CREDITS, YOU MUST COMPLETE AT LEAST 5 FROM THE FOLLOWING **STEM-RELATED COURSE GROUP**

- business studies
- computer studies
- cooperative education
- mathematics (in addition to the 3 compulsory credits)
- science (in addition to the 2 compulsory credits)
- tech. education (in addition to the 1 compulsory credit)

In addition, students must complete: