

Southwood Secondary School



2024 – 2025 Course Calendar

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Southwood Secondary School

Course Calendar 2024-2025

Principal: Ms. J. Bistolas

Vice Principal: Ms. C. Parsons

Head of Guidance: Ms. J. Madge

The Waterloo Region District School Board offers a Common Course Calendar which will provide Ministry descriptions and subject flow charts for all courses offered in the Region. The Common Course Calendar can be found on the Waterloo Region District School Board website.

This course calendar has been created to help you access only the courses available at Southwood. This calendar is organized by department and grade level. This calendar can be found at <http://sss.wrdsb.cs/guidance>

Students should choose their courses carefully. It is important to pay attention to graduation requirements and prerequisites. The school timetable is created around the data collected during course selection in February. Changing course selections for the 2024-2025 year after February 25th will be limited.

Course Load Requirement

- Grade 9,10 and 11 students must carry a full course load of 8 credits.
- Grade 12 students must take a minimum of three courses each semester unless they exceed the 34 credit threshold.
- A student must have accumulated 29 credits to be eligible for part-time status. If a part-time student is taking three or more courses, three of those courses must be taken in Semester 1.

Course Change Policy

- Grade 9 and 10 students are not allowed to drop a course.
- Grade 11 students must have at least 16 credits as well as special permission, before a class may be dropped.
- No requests to drop courses will be granted after December 2nd 2024 in Semester 1 or after May 19, 2025.

34 Credit Threshold

The Ministry of Education allows students to take up to 34 credits. Thirty credits are required for graduation so this would allow for an additional 4 credits. There are some exceptions, for example, students with an I.E.P. See your Guidance Counsellor for more information.



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Ontario Secondary School Diploma Requirements

Students must complete the following requirements to obtain the Ontario Secondary School Diploma:

- earn 30 credits (19 compulsory and 11 elective);
- complete 40 hours of community involvement activities;
- successful completion of the Ontario Secondary School Literacy Test.
- Completion of 2 elearning credits. If you have a child who started grade 9 on or after September 1, 2020 and would like to have them opt-out of the mandatory online learning courses in secondary school, please complete the [WRDSB Online Learning Graduation Requirement Opt-Out Form](#), and submit it to the school's guidance office.

Compulsory Credits

- 4 credits in English (1 credit per grade)
- 3 credits in Mathematics (at least 1 credit in Grade 11 or 12)
- 2 credits in Science
- 1 credit in French as a Second Language
- 1 credit in Canadian Geography
- 1 credit in Canadian History
- 1 credit in the Arts
- 1 credit in Health and Physical Education
- .5 credit in Civics
- .5 credit in Career Studies
- 1 credit in Technology in the Skilled Trades *only for students entering grade 9 in 2024

Plus one credit from each of the following groups:

1 **Group 1:** one additional credit in English, French as a second language **, or a Native language, or a classical or International language, or Social Sciences and the Humanities or Canadian and World Studies, or Guidance and Career Education, or Cooperative Education.***

1 **Group 2:** one additional credit in Health and Physical Education, or the Arts, or Business Studies, or French as a second language**, or Cooperative Education***

1 **Group 3:** one additional credit in Science (Grade 11 or 12) or Technological Education, or French as a Second Language**

* A maximum of 3 credits in English as a Second Language (ESL) or English literacy development (ELD) may be counted towards the 4 compulsory credits in English, but the fourth must be a credit earned for a Grade 12 compulsory English course.

**In groups, 1,2 and 3, a maximum of 2 credits in French as a second language can count as compulsory credits, one from group 1 and one from either group 2 or group 3.

***A maximum of 2 credits in cooperative education can count as compulsory credits.

Course Types

In order to ensure equity of access to grade 11, for all students, all courses will be taught as destreamed or academic level. This practice ensures that all students leaving grade 10 have the opportunity to pursue the pathway of their choice.

- De-streamed and Open courses provide a variety of teaching and assessment strategies, designed to suit all learners.
- Academic courses develop students' knowledge and skills through theory and abstract problems (and tend to lead to university programming).

In Grades 11 and 12, course levels are based on post-secondary pathway destinations. The 5th character indicates the pathway.

- University(U) level courses extend quickly from prerequisite concepts and introduce students to a range of new knowledge and skills needed for post-secondary entrance requirements. These courses are important for giving students access to university and many college pathways.
- University/College (M) courses are that revisit and build on prerequisite concepts. Both theory and practical applications of knowledge are covered. These courses give students access to many general, unspecialized, university programs, as well as many college and apprenticeship programs.
- College (C) courses revisit prerequisite concepts and also include additional fundamental theory, critical thinking, research and problem solving skills. These courses are designed to prepare students for meeting college requirements.
- Open (O) level courses are designed to broaden students' knowledge and skills in subjects that reflect their interests. These courses are not designed with entrance requirements of university, college or workplace pathways in mind and do not qualify as prerequisites for 4C, M or U courses in the same subject area.
- Workplace (E) courses focus on fundamental skills and knowledge needed in work and everyday life. Students should carefully consider the prerequisite courses needed for their chosen post-secondary school, apprenticeship or career pathway before selecting workplace preparation courses to ensure they do not unintentionally create barriers to post-secondary pathways.

Course Fees

All basic materials essential for the completion of a program are made available by the school at no cost to students. It is the policy of the Waterloo Region District School Board to acknowledge that students are entitled to an education that ensures they achieve their full potential through equitable and appropriate allocation of funds provided by the Ministry of Education. Enhanced educational opportunities for all students are made available through shared responsibilities with parents and guardians. Students/Families requiring financial assistance should contact a staff member. That staff member will ensure that the student's issue is dealt with in an appropriate, sensitive and confidential manner.

Alternate Credit Acquisition

Online Learning-The completion of 2 online learning credits is now a mandatory requirement, unless families choose to "opt out". The Waterloo Region District School Board's online courses are designed to allow students to take courses and earn secondary school credits on days and times that are convenient for them. There are set due dates for assignments and assessments, but each week students have the flexibility to get coursework done as their daily schedule permits. Information about online course offerings will be available in MyBlueprint and on the WRDSB website during the course selection process.

If your student started grade 9 on or after September 1, 2020 and you would like to have them opt-out of the mandatory online learning courses in secondary school, please complete the [WRDSB Online Learning Graduation Requirement Opt-Out Form](#), and submit it to the school's guidance office.

Summer School - New credit courses are offered through the month of July. Students must speak to their Guidance Counsellor for a list of available courses and registration.

Specialized Programs



The Specialist High Skills Major Program allows students to focus on a career path that matches their skills and interests, starting in Grade 11. Students have the opportunity to gain important skills on the job with actual employers, at skills training centers and at the school. Students will also earn valuable industry certifications, including First Aid and C.P.R. qualifications.

Why pursue a SHSM in the Environment, Transportation or Hospitality & Tourism? SHSM programs enable students to:

- build a foundation of sector-focused knowledge and skills before graduating and entering apprenticeship training, college, university, or an entry-level position in the workplace;
- customize their secondary school education to suit their interests and talents while meeting the requirements for the OSSD;
- Select a bundle of 9 required credits focused on sector-specific knowledge and skills that are:
 - designed to help prepare students for a postsecondary opportunity of their choice in this economic sector;
 - designed with the flexibility to allow students to shift between pathways (e.g., switch from a pathway leading to college or to an apprenticeship pathway) or to discontinue the SHSM program should their career plans change in Grade 11 or 12.
 - Co-op is required

For more information, see the link below and speak to your Guidance Counsellor SHSM teacher:

[Environment:](#)

Mr. Bracey

jason_bracey@wrdsb.ca

[Transportation:](#)

Mr. Stockford

steve_stockford@wrdsb.ca

[Hospitality & Tourism](#)

Mrs. Martin

joanne_martin@wrdsb.ca



Co-operative education enables a student to experience a career or job before leaving high school to pursue further education or to enter the world of work. By attending school and gaining valuable work experience in the community, a student can balance the best of both worlds.

General Information

- 16 completed credits needed to apply
- An in-school subject must be taken before or along with the placement
- Co-op is a 2 credit package. You report to your placements for an entire morning or afternoon
- An application package is required and will be provided by Guidance Counsellors upon request



Ontario Youth Apprenticeship Program (OYAP) is a specialized cooperative education program that provides students with an opportunity to begin an apprenticeship in a skilled trade, while completing their Ontario Secondary School diploma requirements.

[Is OYAP right for you?](#)

OYAP admission requirements:

- Have to successfully completed 16 credits
- Be 16 years of age or older
- Have an acceptable attendance record
- Have an acceptable academic record
- Be responsible for transportation to and from placement
- Complete a co-operative education application form

For more information or to pick an application package see Mrs. Shelley Shaw or your Guidance Counsellor.



Advanced Placement at Southwood

The French, Geography, and Science departments offer enrichment opportunities and coaching for students interested in writing Advanced Placement (AP) exams in May of their Grade 12 year. Successful completion of an AP exam may earn students first year university credits.

Students interested in AP opportunities must...

- Demonstrate academic excellence in the chosen subject area (has achieved over 85%);
- Have superior academic potential;
- Display an excellent command of spoken and written language;
- Have a well-established work ethic and the willingness to work hard;
- Be enthusiastic, self-directed, and capable of handling the accelerated pace of learning.

Once your French, Geography, or Science class has started, please talk to your teacher about your interest in the AP opportunities. For a list of AP policies by Ontario university, [visit this link](#).

French Geography Science Guidance

Ms. Pimentel (Head of Languages)
Mr. Bracey (Head of Geography)
Mrs. Deacon (Head of Science)
Mrs. Madge (Head of Guidance)

lara_pimentel@wrdsb.ca
jason_bracey@wrdsb.ca
jacqueline_deacon@wrdsb.ca
jenn_madge@wrdsb.ca

Environmental Magnet Program

This program is open to all students of the Waterloo Region District School Board. In accordance with the Board's vision; engaged learners and engaged communities, the aim of this program is to provide an opportunity for all students regardless of academic ability to pursue and enhance environmental education. Furthermore, in accordance with the stated goals of the W.R.D.S.B. This program aims to pursue partnerships and links within the community to facilitate students being participating community members while developing their potential and pursuing their aspirations.

Program Requirements:

Mandatory Courses/Components:

Grade 11 Environmental Science - SVN3MI

Grade 12 Environmental Science and Resource Management - CGR4MI or Living in a Sustainable World
CGR4EI

Cooperative Education-COOP (Environment Related Field)

20 Hours of Community Service-Approved Environmental Related Activities

Choose 5 additional credits from the following:

Grade 10 Sustainable Living (recommended) - CGL231

Grade 11 Biology-SBI3CI/3UI
Physical Geography-CGF3MI
Travel & Tourism-CGG3OI

Grade 12 Biology-SBI4UI
Chemistry-SCH4CI
Earth & Space Science-SES4UI
World Issues-CGW4UI

Community Connections

A core area of the program will be the emphasis on outdoor, hands-on interactive environmental education through an established and ongoing partnership with rARE (www.raresites.org). Educational partnerships will be pursued with various universities and colleges.

A focus of this program will also be the involvement of university/college professors and experts from environment related industries who through interactions with program participants may help shape their post-secondary education choices and/or career aspirations. Program participants will also develop leadership and interpersonal skills through the new "Chain of LEarning: initiative.

This program develops leadership skills and empowers students to become environmentally-aware global citizens and engaged community participants. Students who are interested in pursuing a career and/or post-secondary education in environment related fields might be interested in this program. The application package is completed in grade 9

The Arts

Grade	Course	Type	Prerequisite	Course Details
9	ADA10 Dramatic Arts	Open		This course provides opportunities for students to explore dramatic forms and techniques, using material from a wide range of sources and cultures. Students will use the elements of drama to edamame situations and issues that are relevant to their lives. Students will create, perform, discuss, and analyse drama, and then reflect on the experiences to develop an understanding of themselves, the art form, and the world around them.
9	AMI10I Instrumental Music - Band (experienced)	Open		This performance course is for students with previous experience on a concert band instrument. The development of playing skills, musical literacy, and critical listening are the focus for this course. A wide variety of musical styles will be explored.
9	AMI10X Instrumental Music – Band (beginner)	Open		This course teaches you how to play a brass or woodwind instrument, to play in small and large group settings, and to read music and listen to music critically.
9	AMV10 Vocal Music	Open		This course develops your singing voice. Performing in small and large groups, strengthening musical literacy skills, listening to and creating music from a wide variety of styles are featured.
9	AVI10 Visual Arts	Open		This hands-on course provides students with a foundation on which to build further study in the visual arts. Students will use the creative process to explore a variety of media (e.g. drawing, painting, sculpture and/or printmaking) and techniques to develop their artistic skill and voice. They will build a base of understanding of the elements and principles of design, as well as critical analysis skills when reflecting upon their own art, that of their peers, historical and contemporary artists.
10	ADA20 Dramatic Arts	Open		In this course students will be introduced to the foundations of theatre and an introduction to technical theatre and design. Throughout the course students are encouraged to view a variety of styles and forms of theatre (including live theatre if possible) in order to successfully critique theatrical work, and gain a deeper understanding of the various roles and jobs available in theatre and the performing arts. In this course students will demonstrate their understanding of the creative process by preparing a solo or collaborative piece of theatre that covers theatre foundations and design.
10	AMG20 Guitar	Open		This course teaches you how to play the guitar in solo and group settings. Classical finger techniques, chord strumming and arpeggiating are all featured. Musical literacy and listening skills are introduced.
10	AMI20 Instrumental Music Band	Open	AMI10I is recommended	This course continues to develop and build on performance skills by playing more challenging repertoire. Strengthening literacy skills and a more in depth exploration of musical styles and genres are also a focus.
10	AMV20 Vocal/Choral Music	Open	AMV10I or AMI10I is recommended	Choral singing and the development of the individual voice form the basis of this course. Musical literacy skills are extended and critical listening to choral music from many styles and traditions is explored.
10	AVI20 Visual Arts	Open	AVI10I is recommended	This course aims to further develop skills and knowledge in the visual arts with a continued emphasis on a wide range of studio activities. Creative process and critical analysis skills will be developed as students execute artwork in a variety of media and reflect on artworks from class members as well as ancient and more contemporary artists.
10	AWS20 Computer Graphics	Open		This course develops and refines theories and concepts linked to the graphic design process and industry through Adobe Photoshop, InDesign, Illustrator, scanning, digital manipulation, typography and the elements and principles of design. Using the creative and critical analysis processes, students will study various styles of design and incorporate them into their artwork.
11	ADA3M Dramatic Arts	University College	ADA10I or ADA20I	Students will be asked to reflect on themselves as artists, and create original work that highlights their identity and/or their lived experiences. Students will participate in dramatic presentations throughout the semester in a variety of theatre styles, and for a varying number of audience members including their peers, school and community, whether in person or virtually. Students will analyse the functions of playwrights, directors, actors, designers and technicians, and audiences. Students will engage with a variety of forms of theatre including site-specific work, and social issue-driven work. Students will research dramatic forms, conventions, themes, and theories of acting and directing from different historical periods. Including new Canadian works.

Grade	Course	Type	Prerequisite	Course Details
11	AMG3O Guitar	Open	AMG2OI	This second year guitar course involves more complex repertoire and playing techniques. Listening and literacy skills continue to be developed and explored.
11	AMI3M Instrumental Music-Band	University College	AMI1OI or AMI2OI	This further develops performance technique through a variety of music. Literacy and listening skills continue to be developed. Composition and harmonizing are introduced. Connections between classical music to one's own music are explored.
11	AMV3M Vocal/Choral Music	University College	AMV1OI or AMV2OI	Senior choral repertoire forms the core of this course. Vocal technique is refined and part-singing security is stressed. Musical literacy and listening skills are further extended. Connections from classical to one's own music are explored.
11	ASM3M Media Arts (yearbook)	University College	AWS2OI or AWQ3MI/3OI or AVI3MI	Students will develop necessary skills to interpret and produce a variety of print and internet-based media productions. They will learn and apply traditional and emerging technologies, tools and techniques such as layout and design, photography, industry-standard digital imaging/publishing software and journalism. This course emphasizes development of print media and imaging skills, typically through the production of the thematic body of work that is Southwood's yearbook. Creating community connections, visualizing school identity and culture, and responsible collaborative practices are vital aspects of success in this course.
11	AVI3M Visual Arts	University College	AVI1OI or AVI2OI	This comprehensive course enables students to further develop their knowledge and skills in the visual arts. Students will use the creative process to explore a range of themes through studio work that may include drawing, painting, sculpting and printmaking as well as the creation of art work using mixed media and emergent technologies. Students will use the critical analysis process when reflecting upon and evaluating their own work, the work of peers and that of historical/contemporary artists.
11	AWQ3M Digital Photography	University College	AVI1OI or AVI2OI	This course aims to develop the student's photography skills through design, manipulation and production of personal photographic images. The medium will be approached from technical, formal and creative angles. Students will demonstrate knowledge and application of photography through images of their personal environment and community. Using creative and critical analysis processes, they will also explore the history of photography, as well as its importance and impact on society and as a career choice.
11	AWQ3O Digital Photography	Open	AVI1OI or AVI2OI is recommended	This course aims to develop the student's digital camera skills through design, manipulation and production of personal photographic images. Students will approach photography from technical, formal and creative angles and develop critical analysis skills when reflecting upon their work, the work of peers, and those of historical and contemporary significance. The course is designed for the student with no previous visual arts experience.
12	ADA4M Dramatic Arts	University College	ADA3MI	Students will be asked to reflect on themselves as artists, and create original work that highlights their identity and/or their lived experiences. Students will participate in dramatic presentations throughout the semester in a variety of theatre styles, and for a varying number of audience members including their peers, school and community, whether in person or virtually. Students will research various theatre styles and conventions that could be used in their presentations, and analyse the functions of playwrights, directors, actors, designers, technicians, and audiences. Students will reflect on their own artistry in areas of interest within the performing arts, with a focus on safe, responsible and ethical practices.
12	AMI4M Instrumental Music-Band	University College	AMI3MI	This course is a continuation of the AMI3MI course which further develops performance technique and concentrates on music of the Romantic and Modern Eras. Music literacy and listening skills are further developed, culminating in the creation of a musical arrangement for the class.
12	AMV4M Vocal Choral Music	University College	AMV3MI or AMI3MI	Vocal and choral technique continues to be refined, with increased performer and independence as a goal. Each student arranges an SATB piece for the class. Advanced listening/analysis skills, focusing on choral forms and multicultural traditions, are developed. A "real-world" independent study is explored.
12	ASM4MI Media Arts (Yearbook)	University College	ASM3MI	Students will continue to develop necessary skills to interpret and produce a variety of print and internet based media products. They will learn and apply traditional and emerging technologies, tools and techniques such as layout and design, photography, industry-standard digital imaging/publishing software and journalism. This course emphasizes development of print media and imaging skills, typically through the production of the thematic body of work that is Southwood's yearbook. Creating community connections, visualizing school identity and culture, and responsible collaborative practices are vital parts of

				success in this course. Grade 12 students are typically given higher levels of responsibility in editorial and organizational roles within yearbook production.
12	AVI4M Visual Arts	University College	AVI3MI	This comprehensive 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. Students will also make connections between various works of art in personal, historical, contemporary and cultural contexts. There is an exhibition element to the course, where students organize and present their work for the school and community.

Business Studies

Grade	Course	Type	Prerequisite	Course Details
9	BEM10 Building the Entrepreneurial Mindset	Open		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.
10	BEP20 Launching and Leading a Business	Open		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.
11	BAF3M Financial Accounting Fundamentals	University College		Understanding how to interpret and analyze financial information is important for anyone interested in owning their own business or seeking employment in numerous business related careers. An accounting background will also aid individuals in making wise and prudent personal financial decisions. This course introduces students to the fundamental principles and procedures of accounting. Students will acquire an understanding of accounting for a service and a merchandising business, financial analysis, ethics and current issues in accounting and use accounting software. BAF3MI is a prerequisite for grade 12 accounting – BAT4MI
11	BMI3C Marketing: Goods, Services, Events	College		This course introduces students to many marketing concepts that will help them in their personal and professional lives. Students will study demographics and target markets, examine the design of new products, pricing strategies, market research, and marketing ethics, and in the end put together a marketing plan to demonstrate their knowledge and skills. This is a great foundation course for anyone thinking about pursuing a career in business. This course is also a great asset for students competing in DECA!
11	BTA30 Information & Communication Technology: The Digital Environment	Open		This course picks up where BTT 10I and 20I leave off. Students will develop google application skills as we delve deeper into Docs, Drawing, Slides, Sheets, Sites and Forms. We will also explore new softwares and better work to utilize Google Drive, Gmail and Google workplace features in order to further develop students' productivity as well as post-secondary and professional readiness.
11	CLU3M Understanding Canadian Law	University College		Gain a better understanding of your rights and the Canadian justice system! This introductory law course examines the evolution of law and human rights and investigates the Canadian criminal and civil law systems. The investigation of the Canadian legal systems includes visiting an Ontario court house and hearing from a variety of guest speakers from areas such as policing and correctional services. A beneficial course for any student.
12	BAT4M Financial Accounting Principles	University College	BAF3MI	This course introduces students to advanced accounting principles that will prepare them for post secondary studies in business. Students will learn about financial statements for various forms of business ownership and how those statements are interpreted to make better business decisions. The course further develops accounting methods for assets and liabilities and introduces accounting for partnerships, corporations, and sources of financing
12	CIA4U Analyzing Current Economic Issues	University	Any University or University/College course in Canadian and World Studies,	Economics is the study of scarcity and the difficult choices that businesses, governments and individuals must make because of it. Economics studies the interaction and interdependence of all elements of society as they pursue their own goals. The course is a great foundation

			English, or Social Sciences and Humanities	for post-secondary business studies as all first year business programs include an economics course.
12	BOH4M Business Leadership: Management Fundamentals	University College		This course explores the changing nature and role of management in a business environment. In a technology driven world, where workplaces are more diverse than ever, what skills are necessary to lead employees and manage 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 and planning. Effective business communication skills, ethics and social responsibility will also be examined.
12	CLN4U Canadian and International Law	University	University or University/College prep course in Canadian and World Studies, Earth or Social Sciences	Study Canadian Law at the senior level! Some students enrolled in this course will have taken the grade 11 course, but it is not necessary. International law, Canadian civil and criminal law as well as human rights will all be covered in this course, with an emphasis on current cases from the media. Students taking this course will visit an Ontario Court and observe law cases in action!

Canadian and World Studies

Grade	Course	Type	Prerequisite	Course Details
9	CGC1W Issues in Canadian Geography	De-Streamed		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. Opportunities for Pre-Advanced Placement (AP) will be offered in this course.
10	CHC2DI Canadian History since World War 1	Academic		This course explores social, economic, and political developments and events and their impact on the lives of different groups in Canada since 1914. Students will examine the role of conflict and cooperation in Canadian society, Canada's evolving role within the global community, and the impact of various individuals, organizations, and events on Canadian identity, citizenship, and heritage. They will develop their ability to apply the concepts of historical thinking and the historical inquiry process, including the interpretation and analysis of evidence, when investigating key issues and events in Canadian history since 1914.
10	CHV2OH Civics	Open		This course explores rights and responsibilities associated with being an active citizen in a democratic society. Students will explore issues of civic importance such as healthy schools, community planning, environmental responsibility, and the influence of social media, while developing their understanding of the role of civic engagement and of political processes in the local, national, and/or global community. Students will apply the concepts of political thinking and the political inquiry process to investigate, and express informed opinions about, a range of political issues and developments that are both of significance in today's world and of personal interest to them.
10	CGL231 Sustainable Living *is not included as a Group 1 credit*	Open	CGC1DI	Explore the impact of our lifestyle on the sustainability of the earth's resources and degradation of the environment. This course will encourage the development of the interpersonal, decision-making and practical skills necessary to make informed decisions concerning your daily activities and their impact on the environment. This course is recommended for students entering the Specialist High Skills Major Program - Environment Opportunities for Pre Advanced Placement (AP) will be offered in this course.
11	CGF3M Forces of Nature: Physical Processes and Disasters	University College	CGC1DI	This course examines Earth's physical patterns and processes and how they create natural disasters and can contribute to human disasters. Students will explore how physical processes related to Earth's water, land, and air, as well as interactions between these systems, can affect the planet and its people. Students will apply the concepts of geographic thinking and the geographic inquiry process, including spatial technologies, to investigate Earth's natural processes, to make predictions related to natural disasters, and to create plans to prepare for and/or respond to them.
11	CGG3O Travel and Tourism	Open	CGC1DI	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. Fulfills part of the SHSM Course requirement.
11	CHG33 Genocide and Crimes Against Humanity	Open		In this university/college level course we will investigate crimes against humanity in the twentieth and twenty-first centuries, including the Armenian Genocide, the Holocaust, the killing fields of Cambodia, the Rwandan genocide and crimes against humanity in Darfur. Students will investigate the terms genocide, crimes against humanity, and war crimes, and explore them through the lens of historical analysis. Students will examine identity formation and how "in groups" and "out groups" are created, including analyzing how bias, stereotypes, prejudice, and discrimination impact on various groups. Students will use critical-thinking skills to evaluate the world's response, or lack thereof, to mass killings and also discuss the ways

				which active citizens may empower themselves to stop future genocides. Trigger warning-This course contains very sensitive content. A mature student is required.
11	CHW3M World History to the end of the Fifteenth Century	University College	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.
11	CLU3M Understanding Canadian Law	University College	CHC2I or CHC2I	Learn all about the law and your rights! This is a foundation course which examines the evolution of law, human rights, criminal and civil law. This course will discuss and analyze current legal cases. Students taking this course will visit Ontario Court and observe law cases in action!
11	SVN3M Environmental Science * is not included as a Group 1 credit*	University College	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. Fulfills part of the SHSM Course requirement.
12	CGR4E Living in a Sustainable World	Workplace	CGC1D or CGC1P	This course examines the impact of human activity on the natural environment. Students will explore the use of natural spaces and resources and the effects of planning decisions and consumer choices on natural systems. Students will apply the concepts of geographic thinking and the geographic inquiry process, including spatial technologies, to investigate practical solutions to environmental issues, enabling them to make more sustainable decisions at home, in the workplace, and in the local community. Fulfills part of the SHSM Course requirement.
12	CGR4MI Environment & Resource Management	University College	Any senior course in Canadian and World Studies, English, or the Social Sciences	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, field trips, discussion, literature, and a large mandatory outdoor component, 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. Fee of \$30.00 to cover outdoor education trips, to "rare"
12	CGW4CI World Issues A Geographic Analysis	College	CGC1D or CGC1P	This course explores many difficult challenges facing Canada and the World today - challenges such as unequal access to food, water, and energy; urbanization, globalization; terrorism and conflict and meeting the needs of a growing world population while ensuring the sustainability of the natural environment.
12	CGW4UI Canadian and World Issues		Any University or university/college preparation course in Canadian and World Studies, English, or Social Sciences and Humanities	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.
12	CHY4U The West and the World History	University	Any university or university/college preparation course in	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,

			Canadian and World Studies, English, or Social Sciences and Humanities	including the interpretation and analysis of evidence, as they investigate key issues and ideas and assess societal progress or decline in world history.
12	SES4U Earth & Space Science	University ** is not included as a Group 1**	SNC2DI	This course focuses on the basic concepts and theories of Earth and space science, and their relevance to everyday life. Students will first study the origin and evolution of the universe, and then explore the materials and the internal and surficial processes of the Earth as they study the planet's history. The course draws on biology, chemistry, mathematics, and physics in its consideration of geological processes that can be observed directly or inferred from geological evidence. <i>This is a dual credit course.</i> Students earning 75% and above on the dual credit exam may earn a university science credit that is recognized by several universities. See your guidance counsellor or Mr. Bracey for details

Cooperative Education

Grade	Course	Type	Prerequisite	Course Details
11	DCO30C *choose this course for first time coop*	Open	Application and review with coop teacher Transportation to the work placement is the responsibility of the student	This course consists of a learning experience connected to a community and a cooperative education curriculum focused on developing skills, knowledge, and habits of mind that will support students in their learning, including their education and career/life planning, at school and beyond, today and in the future. Within the context of their experience connected to a community, students will apply skills, knowledge, and habits of mind that will protect and promote their health, safety, and well-being and that will strengthen their inquiry, decision-making, and leadership skills. Students will create and implement a learning plan that meets their particular interests and needs, reflect on their learning, and make connections between their experience in the community and other aspects of their lives.
11	COP30C (2 credit)	Open	Application and review with coop teacher Transportation to the work placement is the responsibility of the student	This course includes a community-connected experience and a cooperative education curriculum focused on developing skills, knowledge, and habits of mind that will support students in their learning at school and beyond, while promoting health, safety, and well-being. Students will create and implement a learning plan that meets their particular interests and needs, reflect on learning, and make connections between their experience in the community and the application of knowledge and skills acquired in a related course. Alternatively, students may choose to strengthen their inquiry, decision-making, and leadership skills in a field related or unrelated to their in-school courses through a modified community-connected experience and additional in-school learning.
12	COP40C (2 credit)	Open	Application and review with coop teacher Transportation to the work placement is the responsibility of the student	This course includes a community-connected experience and a cooperative education curriculum that incorporates relevant expectations from the student's related in-school course. Students will develop skills, knowledge, and habits of mind that will support them in their related field of study and career/life planning, while promoting health, safety, and well-being. Students will create and implement a learning plan that meets their particular interests and needs, reflect on their learning, and make connections between their experience in the community and other aspects of their lives.

Special Education

Grade	Course	Type	Prerequisite	Course Details
9	GLE10 Learning Strategies 1: Skills for Success	Open	Principal Recommendation Required	This course is designed to teach specific learning strategies, to help students to assess their own learning styles, and to accommodate individual learning needs. This course is for students with IEP's or Special Education department approval.
10	GLE20 Learning Strategies 2: Skills for Success	Open	Principal Recommendation Required	Building on the GLE10I, this course is designed to teach specific learning strategies with an emphasis on literacy and to accommodate individual learning needs. This course is for students with IEP's or Special Education department approval.
11	GLE30 Advanced Learning Strategies 1: Skills for Success	Open	Principal Recommendation Required	This course is designed to teach specific strategies with an emphasis on post-secondary transitions, and to accommodate individual learning needs. This course is for students with IEP's or Special Education department approval.
12	GLE40 Advanced Learning Strategies 2: Skills for Success	Open	Principal Recommendation Required	Building on the GLE30I, this course is designed to teach specific learning strategies with an emphasis on post-secondary transitions, and to accommodate individual learning needs. This course is for students with IEP's or Special Education department approval.

Guidance and Career Education

Grade	Course	Type	Prerequisite	Course Details
10	GLC20H Career Studies	Open (Compulsory)		Who are you? What do you want to be? Where are you going? What decisions do you need to be making? Find all this information and more in Career Studies. This is a 0.5 credit course.
10	GLD20	Open		Course intended for students needing support with transition to academic grade 10 math. Contact your guidance counsellor for more information.
11	GPP30 Peer Helping	Open		Students provide leadership and academic assistance to peers in a classroom setting. Great for those thinking about teaching as a career.

French as a Second Language/International Languages

Grade	Course	Type	Prerequisite	Course Details
9	FSF1D Core French	Academic		This course prepares students to continue in French at the Academic level through a variety of thematic reading, writing, listening and speaking activities. Opportunities for Pre Advanced Placement (AP) will be offered through this course.
10	FSF2D Core French	Academic	FSF1DI	This course enables students to further develop their written and oral communication skills and to deepen their appreciation of francophone culture and the importance of languages through study of a variety of genres. Same workbook from 1DI. Opportunities for Pre Advanced Placement (AP) will be offered through this course.
11	FSF3U Core French	University	FSF2DI	This course draws on a variety of themes to promote extensive development of reading, writing and oral communication skills. Students will gain a richer understanding of Francophone cultures in Canada and around the world. Opportunities for Pre Advanced Placement (AP) will be offered through this course.
12	FSF4U Core French	University	FSF3UI	Students will consolidate their oral skills as they discuss francophone literature and culture. They will read a variety of genres and will produce a series of written assignments including a formal essay. Opportunities for Pre Advanced Placement (AP) will be offered in this course.
10	LWSBD Spanish (beginner)	Academic		This course is for students with no previous background in Spanish. It is an introductory program for all. Students will participate in a variety of activities that will develop language skills and an appreciation for Spanish culture.
11	LWSCU Spanish (intermediate)	University	LWSBDI	This course provides opportunities to further develop knowledge and appreciation for Spanish culture. Students will use increasingly sophisticated language dealing with a variety of reading, writing and oral activities.
12	LWSDU Spanish	University	LWSCUI	This course prepares students for study at university. Students will enhance their ability to use the Spanish language with clarity and precision in written assignments and oral presentations through a study of a variety of genres.

English

Grade	Course	Type	Prerequisite	Course Details
9	ENL1W English	De-streamed		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.
10	ENG2D English	Academic	ENG1D	This course focuses on the coming of age theme, and continues to develop students' academic skills in Reading, Writing, Oral Communication, and Media Studies. An emphasis is placed on developing good quotation analysis, as well as making rich connections between texts and personal experiences. This course prepares students for Grade 11 English at the College or University level.
11	EMS30 Media Studies Will not be offered in 2024-2025 but will be in 2025-2026	Open	ENG2D	We live in a world of media, so it's important that we understand how the media works and affects us all. In this course, we study media messages in advertising, film, television, popular music and video games. Learn to understand how media is put together, how to find hidden meanings, and how to write reviews. Use that knowledge to create your own media and develop your critical thinking skills. <u>This course will be offered every second year.</u>
11	NBE3C English	College	ENG2D	This course explores the themes, forms, and stylistic elements of literary, informational, graphic, oral, cultural, and media text forms emerging from First Nations, Métis, and Inuit cultures in Canada, and also looks at the perspectives and influences of texts that relate to those cultures. In order to understand contemporary text forms and their themes of identity, relationship, and self-determination, sovereignty, or self-governance, students will study the use of text forms by Indigenous authors/creators from other periods in expressing ideas related to these themes. Students will also create oral, written, and media texts to explore their own ideas and understanding, focusing on the development of literacy, communication, and critical and creative thinking skills necessary for success in academic and daily life. The course is intended to prepare students for the compulsory Grade 12 English college preparation course.
11	ENG3E English	Workplace	ENG2P or ENG2L	The Grade 11 Workplace English course is designed to prepare students for Reading, Writing, Oral Communication, and Media Studies in the workplace and daily life. An emphasis is placed on using practical skills that would be required in any field of employment, as well as communicating clearly. This course will prepare students for the compulsory Grade 12 Workplace English course.
11	NBE3U English	University	ENG2D	Understanding Contemporary First Nations, Metis, and Inuit Voices is a Grade 11 University level course that will prepare students for the University level English course in Grade 12. In it, students will focus on developing skills in Reading, Writing, Oral Communication, and Media Studies, with an emphasis on using a range of critical lenses to explore texts by First Nations, Metis, and Inuit authors. Students will also conduct research and analyze the information gathered; write persuasive and literary essays; and analyze the relationship between media forms and audiences. Southwood is offering NBE 3UI in place of ENG 3UI.
12	ENG4C English	College	ENG3C	This course emphasizes the importance of students taking charge of their own skills as they prepare for the reading and writing required at the college level. An emphasis is placed on non-fiction reading and writing, as well as building on the technical skills required in those programs. Students will continue to build skills in Reading, Writing, Oral Communication, and Media Studies. This course will prepare students for college or the workplace.

12	ENG4E	Workplace	ENG 3E or ENG 3C	The Grade 12 Workplace English course will help students prepare for the reading and writing demands of daily life and the workplace. We continue to focus on Reading, Writing, Oral Communication, and Media Studies. An emphasis is placed on clear communication and the organization of ideas, as well as encouraging the importance of reading as a lifelong activity. This course may not qualify students for College Admittance.
12	ENG4U English	University	ENG3U	The Grade 12 University English course is designed to prepare students for the expectations of University programs in Reading, Writing, Oral Communication, and Media Skills. An emphasis is placed on non-fiction and technical reading and writing, as well as teaching students to make use of subjective and objective styles to adapt their writing to a range of situations. This course is intended to prepare students for University or College.
12	OLC4O Literacy Course	Open		The Ontario Secondary School Literacy Course has been developed to provide students who have been unsuccessful on the test with intensive support in achieving the required reading and writing competencies, and with an alternative means of demonstrating their literacy skills. The reading and writing competencies required by the OSSLT form the instructional and assessment core of the course. Students who successfully complete this course will have met the provincial literacy requirement for graduation, and will earn one credit. The credit earned for successful completion of the OSSLC may be used to meet either the Grade 12 English compulsory credit requirement or the Group 1 additional compulsory credit requirement.

Health and Physical Education

Grade	Course	Type	Prerequisite	Course Details
9	PPL10X Healthy Active Living (Female)	Open		This course emphasizes students' daily participation in a variety of enjoyable physical activities that promote lifelong healthy active living. Students will investigate issues around healthy eating, personal safety and injury prevention, substance use, addictions and related behaviours, and human development and sexual health. They will also get trained in CPR.
9	PPL10Y Healthy Active Living (Male)	Open		This course emphasizes students' daily participation in a variety of enjoyable physical activities that promote lifelong healthy active living. Students will investigate issues around healthy eating, personal safety and injury prevention, substance use, addictions and related behaviours, and human development and sexual health. They will also get trained in CPR.
9	PPL10I Healthy Active Living (co-ed)	Open		The perfect blend of fitness and sport, this course emphasizes the link between movement and play through a variety of fitness activities and traditional sport games. This mix of our fitness-focused courses with our traditional sport-based program delivery is ideal for those who love all forms of movement and are looking to both train their personal fitness and learn more about athletic skills and strategies through game settings. Health topics will include: personal safety & decision making skills, substance use & abuse, nutrition, and healthy growth & sexuality.
10	PAF20X Personal Fitness (Female)	Open		This course is an introduction to personal fitness. Most activities are fitness based. Students will investigate issues around healthy eating, personal safety and injury prevention, substance use, addictions and related behaviours, and human development and sexual health.
10	PAF20Y Personal Fitness (Male)	Open		This course is an introduction to personal fitness. Most activities are fitness based. Example: cross training, weight and resistance training, self defense, plyometrics, aerobic and anaerobic training etc. Students will investigate issues around healthy eating and supplements.
10	PPL20X Healthy Active Living (Female)	Open		This course emphasizes regular participation in a variety of enjoyable physical activities that promote lifelong healthy active living. Students will investigate issues around healthy eating, personal safety and injury prevention, substance use, addictions and related behaviours, and human development and sexual health.
10	PPL20Y Healthy Active Living (Male)	Open		This course emphasizes regular participation in a variety of enjoyable physical activities that promote lifelong healthy active living. Students will investigate issues around healthy eating, personal safety and injury prevention, substance use, addictions and related behaviours, and human development and sexual health.
11	PAF30X Personal Fitness (Female)	Open		This course focuses on advanced personal fitness. Most activities are fitness based, and may include cross training, weight and resistance training, plyometrics, aerobic and anaerobic training. Students will investigate issues around healthy eating, and supplements.
11	PAF30Y Personal Fitness (Male)	Open		This course focuses on advanced personal fitness. Most activities are fitness based, and may include cross training, weight and resistance training, plyometrics, aerobic and anaerobic training. Students will investigate issues around healthy eating, and supplements.
11	PPL30X Healthy Active Living (Female)	Open		This course emphasizes regular participation in a variety of enjoyable activities that promote lifelong healthy active living. Students will investigate issues around healthy eating, personal safety and injury prevention, substance use, addictions and related behaviours, and human development and sexual health.
11	PPL30Y Healthy Active Living (Male)	Open		This course emphasizes regular participation in a variety of enjoyable activities that promote lifelong healthy active living. Students will investigate issues around healthy eating, personal safety and injury prevention, substance abuse, addictions and related behaviours, and human development and sexual health.
12	PAF40 Personal Fitness (Co-ed)	Open		This course focuses on advanced personal fitness. Most activities are fitness based, and may include cross training, weight and resistance training, plyometrics, aerobic and anaerobic training.

				Students will investigate issues around healthy eating, and supplements.
12	PLF4M Recreation and Healthy Active Living Leadership	University or College	Any health and physical education course	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.
12	PPL4O Healthy Active Living Off Campus (Co-ed)	Open		This course emphasizes the regular participation in a variety of enjoyable activities that promote lifelong healthy active living. Students will have the option to pick the activities they want. Activities are off campus and at Southwood. If you choose activities off campus, there may be a fee and you will need to find your own way there. There will always be a free Southwood option.
12	PSK4U Introductory Kinesiology	University	Any Grade 11 university, or university/college prep course in science, or any Grade 11 or 12 course in Health and Physical Ed.	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.

Indigenous Studies

Grade	Course	Type	Prerequisite	Course Details
11	NDA3M Current Indigenous Issues in Canada	University College	Indigenous Peoples in Canada, Grade 10, Open or Canadian History in the Twentieth Century, Grade 10, Academic or Applied	This course focuses on existing and emerging issues of importance to Indigenous peoples in Canada. Students will investigate issues related to identity, relationships among Indigenous peoples and between Indigenous peoples and other Canadians, sovereignty principles as presented by Indigenous peoples, and the contemporary challenges posted by these issues. Students will also examine such topics as language preservation, the responsibilities of Indigenous women and men, and the need for dialogue between Indigenous and Non-Indigenous peoples.
12	NDW4M Issues of Indigenous People in a Global Context	University College	Any Grade 11 university, university/college or college prep course	This course provides students with an overview of the issues and challenges that confront Indigenous peoples worldwide. Students will develop an understanding of the concerns and aspirations of the world's Indigenous population, plan and conduct research on global issues that have an impact on Indigenous peoples, and use information technology to consult materials related to the views of Indigenous peoples throughout the world.

Interdisciplinary Studies

Grade	Course	Type	Prerequisite	Course Details
11	IDC30 Student Leadership I	Open		This course will introduce students to basic leadership theories as they pursue leadership roles in the school and community. Students will study and apply theory while developing skills in the areas of planning/goal setting, problem solving, conflict resolution, group dynamics, teamwork, self-awareness and communication. Students will develop the skills and knowledge to support them in pursuing a variety of leadership roles by leading charity events and fundraisers, dances, grade 8 orientation, lunch time activities, school photo days and much more.
12	IDC40 Student Leadership II	Open		This course picks up where IDC30X leaves off, studying advanced theories of leadership with a focus on distributive leadership, delegation skills, level 5 leadership, and mentoring. Students will have the opportunity to explore the concepts of Emotional and Social Intelligence as it pertains to leadership, to shadow leaders in our community, and to teach leadership concepts to the class.
12	IDC4U Leadership	University	Any University, or University/College prep course	Leadership rests at the center of all successful teamwork; it brings about meaningful change and growth; and sits at the core of a healthy and productive school community. To act as a leader one needs to develop a healthy sense of self and a capacity for critical thinking and reflective practice. This course is founded on the philosophy that we are all leaders and that we all possess the potential to be great leaders. With this in mind, the purpose of this course is two-fold. First, it is to explore the concepts and theories of leadership and second it is to put into practice effective leadership skills while planning school events and activities.

Mathematics

Grade	Course	Type	Prerequisite	Course Details
9	MTH1W Math	De-Streamed		This Grade 9 math 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 modeling, 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.
10	MPM2D Principles of Math	Academic	MTH1WI	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.
11	MBF3C Foundations for College Math	College	MFM2DI	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, analyzing, 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 work to communicate their thinking.
11	MCF3M Functions and Applications	University College	MPM2DI	This course introduces basic features of the function by extending students' experiences with quadratic relations. It focuses on quadratic, trigonometric, and exponential functions and their use in modeling real-world situations. Students will represent functions numerically, graphically, and algebraically; simplify expressions; solve equations; and solve problems relating to applications. Students will reason mathematically and communicate their thinking as they solve multi-step problems.
11	MCR3U Functions	University	MPM2DI	This course introduces & explores in depth 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 higher level multi-step problems.
11	MEL3E Mathematics for Work and Everyday Life	Workplace	MAT1LI, MTH1W	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.
12	MAP4CI Foundations for College Math	College	MBF3CI or MCF3MI or MCR3UI	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; 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.

12	MCT4C Mathematics for College Technology	College	MCF3MI or MCR3UI	This course enables students to extend their knowledge of functions. Students will investigate and apply properties of polynomial, exponential, and trigonometric functions; continue to represent functions numerically, graphically, and algebraically; develop facility in simplifying expressions and solving equations; and solve problems that address applications of algebra, trigonometry, vectors, and geometry. Students will reason mathematically and communicate their thinking as they solve multi-step problems. This course prepares students for a variety of college technology programs.
12	MDM4U Mathematics of Data Management	University	MCR3UI is recommended MCF3MI should consult with the teacher or guidance	This course broadens students' understanding of mathematics as it relates to managing data. Students will apply methods for organizing and analyzing 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: MCR3UI or very successful completion of MCF3MI.
12	MEL4E Mathematics for Work and Everyday Life	Workplace	MEL3EI	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.
12	MHF4U Advanced Functions	University	MCR3UI or MCT4CI	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: MCR3UI or a very successful completion of MCT4CI.
12	MCV4U Calculus and Vectors	University	MHF4UI (MHF4UI can be taken concurrently with MCV4UI)	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 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 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.

Science

Grade	Course	Type	Prerequisite	Course Details
9	SNC1W Science	De-Streamed		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.
10	SNC2D Science	Academic	SNC1WI	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 change; and the interaction of light and matter.
11	SBI3C Biology	College	SNC2DI or SNC2PI	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 hands on skills needed for further study in various branches of the life sciences and related fields.
11	SBI3U Biology	University	SNC2DI	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.
11	SCH3U Chemistry	University	SNC2DI	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 gasses. 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.
11	SPH3U Physics	University	SNC2DI	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; 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 and technology, and consider the impact of technological applications of physics on society and the environment. It is recommended that students have MPM2DI prior to taking this course.
11	SNV3M Environmental Science	University College *is not included as a Group 1*	SNC2PI or SNC2DI	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.
12	SBI4U Biology	University	SBI3UI	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.

12	SCH4C Chemistry Grade 11 students may take this course	College	SNC2DI or SNC2PI	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 <u>technological applications and processes on society and the environment</u> .
12	SCH4U Chemistry	University	SCH3UI	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.
12	SES4U Earth and Space Science	University * Is not included as a Group 1*	SNC2DI	This course focuses on the basic concepts and theories of Earth and Space Science, and their relevance to everyday life. Students will first study the origin and evolution of the universe, and then explore the materials and the internal and surficial processes of the Earth as they study the planet's history. The course draws on biology, chemistry, mathematics, and physics in its consideration of geological processes that can be observed directly or inferred from geological evidence. <i>This is a dual credit course.</i> Students earning 75% and above may earn a university science credit that is recognized by several universities. See your guidance counsellor or Mr. Bracey for details.
12	SPH4C Will be offered for the 2024-2025 school year but not offered for the 2025-2026 school year	College	SNC2PI or SNC2DI	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.
12	SPH4U Physics	University	SPH3UI	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.

Social Sciences and Humanities

Grade	Course	Type	Prerequisite	Course Details
9	HFN10 Food And Nutrition	Open		This course focuses on guidelines for making nutritious food choices. Students will investigate factors that influence food choices, including beliefs, attitudes, current trends, traditional eating patterns, food marketing strategies, and individual needs. Students will explore the environmental impact of a variety of food choices at the local and global level. This course provides students with many opportunities to develop food-preparation skills. Students will participate in food challenges to gain more experience and confidence in the kitchen.
10	HIF20 Adolescence 101	Open		Are you interested in learning about adolescent development, healthy relationships, mental health and well-being, how to communicate more effectively with family and friends, or skills to help you manage when you live on your own? Would you like to learn how to be a better cook, make smart food choices, or learn how to sew? This course explores many topics to become a responsible member of your family and society.
10	TFJ20 Hospitality and Tourism *NEW	Open		This course provides students with opportunities to explore different areas of hospitality and tourism, as reflected in the various sectors of the tourism industry, with an emphasis on food service. Students will study culinary techniques of food handling and preparation, health and safety standards, the use of tools and equipment, the origins of foods, and event planning, and will learn about tourism attractions across Ontario. Students will develop an awareness of related environmental and societal issues and will explore secondary and postsecondary pathways leading to careers in the tourism industry.* This course counts toward the compulsory Technology requirement
11	HPC30 Raising Healthy Children	Open		What kind of parent do you want to be? Find out more by using the Baby Simulators. Learn about pregnancy, prenatal development, labour and delivery. Study infant growth and development. Develop attitudes and skills for effective parenting. Learn ways to communicate and discipline younger children. This is an excellent course for students interested in working with children someday.
11	HPW3C Working with Infants and Young Children	College		This course prepares students for occupations involving children from birth to six years of age. Students will study theories about child behaviour and development, and will have opportunities for research and observation and for practical experiences with young children. Students will become familiar with occupational opportunities and requirements related to working with infants and young children. Students will plan and organize a Toddler Day at the school.
11	TFJ3C Hospitality	College	HFN10I or HFN20I strongly suggested	Students will acquire fundamental skills in food handling and preparation, health and safety standards, and the tools of the Hospitality trade. Students will participate in opportunities to prepare food for special events and explore careers in the Hospitality and Tourism industries. This course satisfies a graduation requirement (Group 3) and is a great course for a would-be-chef. It is also an excellent course for co-op culinary experience and fulfills part of the SHSM course requirements.
12	HFA4C Nutrition and Health	College	Any university, college university/college preparation course in social sciences and humanities, English, or Canadian and world studies.	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.
12	HFA4U Nutrition and Health	University	Any university, college university/college preparation course in social sciences and humanities, English, or	This course examines the relationship 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

			Canadian and world studies.	science research skills by investigating issues related to nutrition and health.
12	HNB4M The World of Fashion	University College	Any university, college university/college preparation course in social sciences and humanities, English, or Canadian and world studies.	This course gives students the opportunity to explore the world of fashion. Students will learn how to create a fashion product using various tools, techniques and technologies while developing their practical skills. Students will learn about various factors that affect the global fashion industry, the needs of specialized markets, and the impact of fiber and fabric production and care. In addition, they will learn about social and historical influences on fashion. Students will research skills when investigating aspects of the fashion world. Students will plan and organize a thrift closet at the school. Some previous sewing experience is expected. There is a lab fee of \$20.00 to cover expenses for advanced sewing projects.
12	HHS4U Families in Canada	University	Any university, college university/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 analyze the development of individuals, intimate relationships, and family and parent-child relationships. 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 investigation skills required to conduct and communicate the results of research on individuals, intimate relationships, and parent-child relationships. Students will focus on issues and challenges facing individuals and families in Canada's diverse society. Hot Topics will be discussed during Family Forum Friday's Topics include: alcohol and drug abuse, same-sex marriage, depression, arranged marriage and reproductive technology.
12	TFJ4E Hospitality	Workplace	HFN1OI/201 or TFJ3CI strongly recommended	Students will advance their skills in food preparation and presentation, safe and secure practices, and use of equipment and tools. Students will participate in opportunities to prepare food for special events and further explore careers in the Hospitality and Tourism industries. Students will have various opportunities for experiential learning through baking and culinary workshops. This is an excellent course for co-op culinary experience. Students will have the opportunity to earn a Food Handlers certificate and Smart Serve training. Fulfills part of the SHSM course requirement.

History

Grade	Course	Type	Prerequisite	Course Details
10	CHC2D Canadian History since World War 1	Academic		This course explores social, economic, and political developments and events and their impact on the lives of different groups in Canada since 1914. Students will examine the role of conflict and cooperation in Canadian society, Canada's evolving role within the global community, and the impact of various individuals, organizations, and events on Canadian identity, citizenship, and heritage. They will develop their ability to apply the concepts of historical thinking and the historical inquiry process, including the interpretation and analysis of evidence, when investigating key issues and events in Canadian history since 1914.
11	CHW3M World History to the end of the Fifteenth Century	University College	CHC2DI or CHC2PI	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.
11	CHG33 Genocide and Crimes Against Humanity	Open		In this university/college level course we will investigate crimes against humanity in the twentieth and twenty-first centuries, including the Armenian Genocide, the Holocaust, the killing fields of Cambodia, the Rwandan genocide and crimes against humanity in Darfur. Students will investigate the terms genocide, crimes against humanity, and war crimes, and explore them through the lens of historical analysis. Students will examine identity formation and how "in groups" and "out groups" are created, including analyzing how bias, stereotypes, prejudice, and discrimination impact on various groups. Students will use critical-thinking skills to evaluate the world's response, or lack thereof, to mass killings and also discuss the ways which active citizens may empower themselves to stop future genocides. Trigger warning-This course contains very sensitive content. A mature student is required.
11	HSB3C Anthropology, Psychology, and Sociology	College		This course introduces students to theories, questions, and issues related to anthropology, psychology, and sociology. Students learn about approaches and research methods used by social scientists. Students will be given opportunities to apply theories from a variety of perspectives, to conduct social science and research, and to become familiar with current issues within the three disciplines.
11	HSP3U Anthropology, Psychology, and Sociology	University	ENG2DI or CHC2DI	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.
12	HSB4U Challenge and Change in Society	University	Any university or university/college prep course in Canadian & World Studies, English or Social Science	This course focuses on the use of social science theories, perspectives, and methodologies to investigate and explain shifts in knowledge, attitudes, beliefs, and behaviour and their impact on society. Students will critically analyze how and why cultural, social, and behavioural patterns change over time. They will explore the ideas of social theorists and use those ideas to analyze causes of and response 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.
12	HZT4U Philosophy: Questions & Theories *Offered in alternating years: 2025-2026 not 2024-2025	University	Any university, or university/college prep course in Social Sciences and Humanities, English or Canadian World Studies	This course offers an introduction to the three main areas of Philosophy. It focuses on the main questions from the history of Western Philosophy: What is the nature of reality? What is knowledge? What is the right way to live? Philosophy has many connections to other areas of study, and is worth considering for students interested in Science. The Humanities, History, or Social Sciences. Students will explore a range of answers to the core questions in Philosophy and formulate their own responses.

Technological Education

Ontario Youth Apprenticeship Program (OYAP)

OYAP is a **specialized cooperative education program** that provides students with an opportunity to experience a skilled trade, at the apprenticeship level while completing their Ontario Secondary School Diploma requirements.

OYAP programs may begin in either grade 11 or 12.

Students participating in cooperative education in any apprenticeship trade area will be considered to be in the OYAP program..

Acceptance into OYAP requires additional paperwork and screening procedures. If you are interested in OYAP, please choose one of the coop codes listed below. You will indicate your interest in OYAP once you have received your Coop application form.

Grade	Course	Type	Prerequisite	Course Details
11	DCO3OC *use this code for your first coop experience	Open	Application and review with Co-op teacher.	This course consists of a learning experience connected to a community and a cooperative education curriculum focused on developing skills, knowledge, and habits of mind that will support students in their learning, including their education/life planning, at school and beyond, today and in the future. Within the context of their experience connected to a community, students will apply skills, knowledge and habits of mind that will protect and promote their health, safety, and well-being and that will strengthen their inquiry, decision-making, and leadership skills. Students will create and implement learning, and make connections between their experience in the community and other aspects of their lives.
11	COP3OC	Open	Application and review with Co-op teacher.	This course includes a community-connected experience and a cooperative education curriculum focused on developing skills, knowledge, and habits of mind that will support students in their learning at school and beyond, while promoting health, safety, and well-being. Placement choices will be limited to the sector associated with the students selected SHSM program. Students will create and implement a learning plan that meets their particular interests and needs, reflect on learning, and make connections between their experience in the community and the application of knowledge and skills required in a related course
12	COP4OC	Open	Application and review with Co-op teacher.	This course includes a community-connected experience and a cooperative education curriculum that incorporates relevant expectations from the student's related in-school course. Students will develop skills, knowledge, and habits of mind that will support them in their related field of study and career/life planning, while promoting health, safety and well-being. Placement choices will be limited to the sector associated with the student's selected SHSM program. Students will create and implement a learning plan that meets their particular interests and needs, reflect on their learning, and make connections between their experience in the community and other aspects of their lives and formal education.

Technological Studies

Grade	Course	Type	Prerequisite	Course Details
9	TAS10 Technology and the Skilled Trades	Open		This hands-on course enables students to further explore the engineering design process and develop other technological knowledge and skills introduced in earlier grades. Students will design and safely create prototypes, products, and/or services, working with tools and technologies from various industries. As students develop their projects to address real-life problems, they will apply technological concepts such as precision measurement, as well as health and safety standards. Students will begin to explore job skills programs and education and training pathways, including skilled trades, that can lead to a variety of careers. This course satisfies the OSSD Tech Requirement.
10	TCJ20 Construction	Open		This course introduces students to construction through project design and building. Students will become familiar with common construction materials, components, and processes; and perform a variety of fabrication, assembly, and finishing operations using hand and power tools. Students will explore secondary and postsecondary career pathways in the construction industry. This course satisfies the OSSD Tech Requirement.
10	TDJ20 Technological Design Communications	Open		Introduction to engineering problem solving, model building, model testing and communication graphics and processes. Students will use tools, equipment and software, including 3D graphics and 3D printing, to design and prototype solutions to engineering and communications challenges. This course satisfies the OSSD Tech Requirement.
10	TFJ20 Hospitality and Tourism	Open		This course provides students with opportunities to explore different areas of hospitality and tourism, as reflected in the various sectors of the tourism industry, with an emphasis on food service. Students will study culinary techniques of food handling and preparation, health and safety standards, the use of tools and equipment, the origins of foods, and event planning, and will learn about tourism attractions across Ontario. Students will develop an awareness of related environmental and societal issues and will explore secondary and postsecondary pathways leading to careers in the tourism industry. This course satisfies the OSSD Tech Requirement.
10	TMJ20 Machining & Welding Processes	Open		This is a broad based course that introduces students to precision machining and welding. Students will gain skills in these areas using a variety of tools, processes and equipment. Students will showcase that they have learned throughout the semester through their projects. This course satisfies the OSSD Tech Requirement.
10	TTJ20 Transportation Automotive Services	Open		This course introduces students to the service and maintenance of today's modern and recreation vehicles. A "hands on" course where students develop practical knowledge to demonstrate the safe and correct use of a variety of maintenance and repair procedures. This course satisfies the OSSD Tech Requirement.
11	TCJ3I Home Renovation & Repair	College		An introduction to home repair and renovation. This course is project oriented and includes carpentry, woodworking, plumbing, electrical, drywalling and painting.
11	TDJ3M Engineering and Architecture	University College		The focus of this course is engineering problem solving, model building and model testing using tools, equipment and software, including 3D graphics and 3D printing, to develop and test solutions to engineering challenges and architectural design, drawing and presentation.
11	TFJ3C Hospitality	College	HFN1OI or HFN2OI strongly recommended	Students will acquire fundamental skills in food handling and preparation, health and safety standards, and the tools of the Hospitality trade. Students will participate in opportunities to prepare food for special events and explore careers in the Hospitality and Tourism industries. This course satisfies a graduation requirement (Group 3) and is a great course for a would-be-chef. It is also an excellent course for Co-op culinary experience. HFN1OI or HFN2OI strongly recommended.
11	TGJ3M Communications	University College		Communications systems, design and processes in the areas of production, planning, staging, scripting and story-boarding, 3D

				animation, video and audio post production, web design and graphic design products and communications.
11	TMJ3C Machining & Welding Processes	College		Students will further develop skills in machining, CNC, tool and die, welding, and millwrighting. This course is activity based with students learning and applying industry standard skills through highly detailed activities and projects.
11	TMW3E Welding	Workplace		This course is designed to enhance the knowledge, skills and safe practices in Welding in accordance with industry standards. It covers core competencies such as setting up all Welding Equipment, preparing materials, and welding with arc welders and MIG welders through many classroom activities and projects.
11	TTJ3C Auto Mechanics	College		This course examines the infrastructure required for the operation of modern and leisure vehicles. Students will design, construct, and modify vehicles, and apply safe work practices and procedures using current technology. Emphasis on components and their operation will prepare students for career opportunities in the transportation sector.
11	TTA3C Vehicle Service	College		Focus on auto service/auto mechanics/auto technician. Trade and manufacturers procedure development. Students will work on real life repair situations. This course also places emphasis on practical shop skills by including a wide range of Transportation-related repair challenges, such as small engines, off road vehicles and other forms of transportation products.
12	TCJ4C Home and Renovation Repair	College	TCJ3CI	This course further develops various areas of home renovation and home repair, including carpentry, woodworking, and plumbing, electrical, drywalling and painting.
12	TDA4M Architecture	University College	Any Grade 11 university or university/college course	Introduction to Architecture: This course will provide students with an overview of the role of architecture and the architect in society both today and throughout history, the role of architecture in defining culture and civilization, the impact of technology and the role of engineering in architecture, the practical skills of the architect, artistic and cultural interpretation in design and the social considerations of architectural planning and design. The course will focus entirely on historic, commercial and public architectural design.
12	TDJ4M Engineering	University College	TDJ3MI	Engineering problem solving, model building and model testing focusing on mechanical and virtual systems and coding and using tools, equipment and software, including 3D graphics and 3D printing, to develop and test solutions to engineering challenges. An excellent course for students interested in design, engineering, and/or science at university or college.
12	TFJ4E Hospitality & Tourism Cooking Emphasis	Workplace	HFN1OI/2OI or TFJ3CI strongly recommended	Students will advance their skills in food preparation and presentation, safe and secure practices, and use of equipment and tools. Students will participate in opportunities to prepare food for special events and further explore careers in the Hospitality and Tourism Industries. Students will have various opportunities for experiential learning through baking and culinary workshops. This is an excellent course for Co-op culinary experience. Students will have the opportunity to earn a Food Handlers Certificate and Smart Serve Training
12	TGJ4M Communications	University College	TGJ3MI	Communications systems, design and processes in the areas of production planning, staging, scripting and story-boarding, 3D animation, video and audio post production, web design and graphic design products and communications. An excellent course for students interested in design, animation, communication, and/or media arts at university or college
12	TMJ4C Machining Processes	College	TMJ3CI	This course is designed to prepare students for a career in the manufacturing sector. Students should be at the pre-apprenticeship level when they successfully pass this course. Students will gain experience with Conventional and CNC Machining, Tool and Die, Welding, and Millwrighting. This course is activity based, and requires much attention to detail.
12	TMW4E Welding	Workplace	TMW3EX	The focus of this course is on advanced welding techniques and more in depth study of Oxy-Acetylene, Arc and MIG welding. Students will also have the chance to use a TIG welder. Students will further develop their skills by completing more in depth classroom activities and projects, and further their knowledge in blueprint reading.

12	TTJ4C Auto Mechanics, Vehicle Service	College	TTJ3CI	Students will solve problems related to vehicles and transportation systems; examine transportation-related issues such as energy conversion, power transfer, control systems, and environmental and societal impact. An emphasis is made on employable diagnostic and repair skills to prepare students for career opportunities in the transportation sector.
12	TTA4C Auto Mechanics, Basic Vehicle Service	College	TTA3CX	Focus on auto service/auto mechanic/auto technician. Trade and manufacturers procedure development. This course also places emphasis on practical shop skills by including a wide range of Transportation-related repair challenges, such as small engine, off road vehicles and other forms of transportation products.

GRADE 9 COURSES

Compulsory Courses

Elective Courses

Code	Course Title	Code	Course Title
ENL1W	English	Arts	
		ADA1O	Dramatic Arts
		AVI1O	Visual Arts
FSF1D	French	AMI1OI	Instrumental Music (experienced)
		AMI1OX	Instrumental Music (beginner)
		AMV1O	Vocal/Choral Music
CGC1W	Geography of Canada		
		Business	
		BEM1O	Building the Entrepreneurial Mindset
MTH1W	Math		
		Family Studies	
SNC1W	Science	HFN1O	Food and Nutrition
		Physical Education	
		PPL1OX	Healthy Active Living (Females)
		PPL1OY	Healthy Active Living (Males)
		PPL1OI	Train and Play (Co-ed)
		Technology	
		TAS1O	Technology and the Skilled Trades
		Special Education	
		GLE1O	Learning Strategies 1

GRADE 10 COURSES

Code	Course Title	Code	Course Title
ADA2O	Dramatic Arts	GLC2O	Career Studies
AMG2O	Guitar	GLE2O	Learning Strategies
AMI2O	Instrumental Music - Band		
AMV2O	Vocal/Choral Music	HIF2O	Adolescence 101
AVI2O	Visual Arts	**TFJ2O	Hospitality and Tourism
AWS2O	Computer Graphics		
		MPM2D	Mathematics
BEP2O	Launching and Leading Business	PAF2OX	Personal Fitness (Females)
		PPL2OX	Healthy Active Living (Females)
CHC2D	History	PAF2OY	Personal Fitness (Males)
CHV2O	Civics	PPL2OY	Healthy Active Living (Males)
CGL23	Sustainable Living		
		SNC2D	Science
ENG2D	English		
		**TCJ2O	Construction Technology
FSF2D	Core French	**TDJ2O	Technological Design
LWSBD	Spanish - Beginner	**TFJ2O	Hospitality and Tourism
		**TMJ2O	Machine & Welding Process
		**TTJ2O	Transportation Automotive Service

***This course satisfies the OSSD Technology in the Skilled Trades credit.*

GRADE 11 COURSES

Code	Course Title	Code	Course Title
ADA3M	Dramatic Arts	IDC3O	Student Leadership 1
AMG3O	Guitar		
AMI3M	Instrumental Music - Band	MBF3C	Foundation for College Mathematics
AMV3M	Vocal/Choral Music	MCF3M	Functions and Applications
ASM3M	Media Arts (Yearbook)	MCR3U	Functions
AVI3MI	Visual Arts	MEL3E	Mathematics for Work & Everyday Life
AWQ3M	Digital Photography-requires an art prerequisite		
AWQ3O	Digital Photography	NDA3M	Current Indigenous Issues in Canada
BAF3M	Financial Accounting	PAF3OX	Personal Fitness (Females)
BMI3C	Marketing	PAF3OY	Personal Fitness (Males)
BTA3O	The Digital Environment	PPL3OX	Healthy Active Living (Females)
		PPL3OY	Healthy Active Living (Males)
CGL23	Sustainable Living		
CGF3M	Physical Geography		
CGG3O	Travel and Tourism	SBI3C	College Biology
CHG33	Genocide and Crimes Against Humanity	SBI3U	University Biology
CHW3M	World History	SCH3U	University Chemistry
CLU3M	Canadian Law	SPH3UI	University Physics
		SVN3M	Environmental Science
NBE3C	College English	TCJ3C	Home Renovation and Repair
ENG3E	(Workplace) English	TDJ3M	Engineering and Architecture
NBE3U	University English	TFJ3C	Hospitality
		TGJ3M	Communications
FSF3U	Core French	TMJ3C	Manufacturing
LWSCU	Spanish-Intermediate	TMW3E	Welding
		TTJ3C	Auto Mechanics - Vehicle Service
GPP3O	Peer Helping	TTA3C	Vehicle Service
GLE3O	Advanced Learning Strategies 1		
DCO3O	Coop		
HPC3O	Raising Healthy Children		
HPW3C	Working with Infants and Young Children		
HSP3C	College Anthropology, Psychology & Sociology		
HSP3U	University Anthropology, Psychology & Sociology		

**Note: The fifth character in the course code indicates the destination
 U = University M = University/College C = College E = Workplace O = Open**

GRADE 12 COURSES

Code	Course Title	Code	Course Title
ADA4M	Dramatic Arts	MAP4C	Foundations for College Mathematics
AMI4M	Instrumental Music - Band	MCT4C	Mathematics for College Technology
AMV4M	Vocal/Choral Music	MCV4U	Calculus and Vectors
ASM4M	Media Arts	MDM4U	Mathematics of Data Management
AVI4MI	Visual Arts	MEL4E	Mathematics for Work and Everyday Life
		MHF4U	Advanced Functions
BAT4M	Financial Accounting Principles		
BOH4M	Business Management Fundamentals	NDW4M	Issues of Indigenous People in a Global Context
CIA4U	Analyzing Current Economic Issues	PAF4O	Personal Fitness (Co-ed)
CLN4U	Current and International Law	PLF4M	Athletic Leadership
CGR4E	Living in a Sustainable World	PPL4O	Active Living Off Campus (Co-ed)
CGR4M	Environmental & Resource Management	PSK4U	Introductory Kinesiology
CGW4U	Canadian and World Issues		
CGW4C	World Issues - A Geographic Analysis	SBI4U	University Biology
CHY4U	The West and the World	SCH4C	College Chemistry
		SCH4U	University) Chemistry
ENG4C	College English	SES4U	University Earth and Space Science
ENG4E	Workplace English	SPH4U	University Physics
ENG4U	University English	SPH4U	University Physics
FSF4U	Core French	TCJ4C	Home Renovation and Repair
LWSDU	Spanish	TDA4M	Architectural Design
		TDJ4M	Engineering
GLE4O	Advanced Learning Strategies 2	TFJ4E	Hospitality & Tourism-Cooking
COP4OC	Cooperative Education	TGJ4M	Communications
		TMJ4C	Manufacturing Technology
HFA4C	Nutrition & Health	TMW4E	Welding
HFA4U	Nutrition & Health	TTJ4C	Auto Mechanics, Vehicle Service
HHS4U	Families in Canada	TTA4C	Vehicle Service
HNB4M	The World of Fashion		
HSB4U	Challenge and Change in Society		
IDC4O	Student Leadership 11		
IDC4U	Leadership - University		

**Note: The fifth character in the course code indicates the destination
U = University M = University/College C = College O = Open**

Application for College requires an OSSD; some programs list **specific course requirements**. See the college calendar www.ontariocolleges.ca or your guidance counselor for details.

Application to University requires an OSSD; **including successful completion of 6 4U or 4M courses**. Certain prerequisites exist for various programs - see your guidance counselor or www.electronicinfo.com for more information.

Credit Codes Sorted by Group

Group One - 1 additional credit in:

English (OLC3O, OLC4O, EMS3O, ETS4U, EWC4U)

French ** (FSF2D, FSF3U, FSF4U)

Spanish (LWSBDI, LWSCU, LWSD)

Social Science and the Humanities (HFN1O, HIF2O, HNC3C, HPC3O, HPW3C, HFA4U, HHS4U, HNB4M, HSP3C, HSP3U, HSB4U, HZT4U)

Canadian and World Studies (CGF3M, CGG3O, CHW3M, CLU3M, CGR4E, CGR4U, CGW4U, CGW4C, CHY4U, CIA4U, CLN4U)

Guidance and Career Education (GPP3O) or Cooperative Education***

Group Two - 1 additional credit in:

Health and Physical Education (PPL1O, PPL2O, PPL3O, PPL4O, PAF2O, PAF3O, PAF4O, PPZ3C, PLF4M, PSK4U)

Arts (AMI1O, AMI2O, AMI3M, AMI4M, AMV1O, AMV2O, AMV3M, AMV4M, AVI1O, AVI2O, AVI3M, AVI4M, ADA1O, ADA2O, ADA3M, ADA4M, AMG2O, AMG3O, AWS2O, ASM3M, ASM4M, AWQ3O, AWQ3M)

Business Studies (BEM1O, BEP2O, BAF3M, BMI3C, BTA3O, BAT4M, BOH4M)

French** (FSF2D, FSF3U, FSF4U)

Cooperative Education***

Group 3 - 1 additional credit in:

Science (SBI3C, SBI3U, SCH3U, SCH4U, SCH4C, SPH3U, SPH4U, SPH4C)

Technological Education (TAS1O, TDJ2O, TFJ2O, TMJ2O, TTJ2O, TCJ2O, TCJ3C, TDJ3M, TFJ3C, TGJ3M, TMJ3C, TMW3E, TTJ3C, TTA3C, TCJ4C, TDA4M, TDJ4M, TFJ4E, TGJ4M, TMJ4C, TMW4E, TTJ4C, TTA4C)

French (FSF2D, FSF3U, FSF4U)

Computer Studies (ICS3U, ICS4U)

Cooperative Education

*A maximum of 3 credits in English as a second language (ESL) or English literacy development (ELD) may be counted towards the 4 compulsory credits in English, but the fourth must be a credit earned for a Grade 12 compulsory English course.

**In groups 1,2, and 3, a maximum of 2 credits in French can count as compulsory credits, one from group 1 and one from either group 2 or 3.

***A maximum of 2 credits in cooperative education can count as compulsory credits.