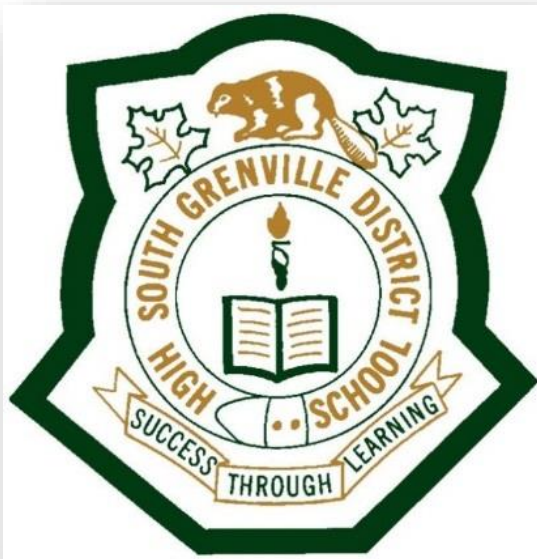


SOUTH GRENVILLE DISTRICT HIGH SCHOOL

The Home of Giant Opportunities

COURSE CALENDAR



SOUTH GRENVILLE DISTRICT HIGH SCHOOL

The SGDHS course calendar describes the courses being offered at South Grenville District High School. As we aid your children in preparing for their eventual careers, there is a need for students, parents, teachers and counselors to work together to ensure that the courses selected by our students reflect their eventual career goals.

When planning your course selection, be sure to carefully consider the following:

- Your strengths
- Your interests
- Your school staff recommendations
- Course prerequisites
- Your needs – specifically graduation and or post-secondary requirements
- Your post-secondary destination (workplace, apprenticeship, college, university)

It is important that students choose their courses carefully. Students must make informed decisions and select courses that are of interest to them. It is also crucial to identify alternate courses as a backup plan in case a course is cancelled due to low enrolment.

South Grenville provides many program pathways and offers a variety courses. However, courses will run only if adequate numbers of students choose them. The student's course selections determine which courses will run in the following school year. For this reason, students may not have the opportunity to change course requests at a later date. Please choose your courses carefully.

All students are expected to carry a full course load. Being able to handle a full course load in high school is excellent preparation for the responsibility that students will encounter once they graduate from South Grenville. Students in grades 10 and 11 are expected to take 8 credits each year. Grade 12 students who have earned 24 credits may take a minimum of 6 credits.

Our staff at South Grenville will try our best to provide students with a school timetable that matches their original requests. However, we may need to offer alternate courses to students dependent upon specific course enrolment.



SOUTH GRENVILLE DISTRICT HIGH SCHOOL

CONTACT INFORMATION

Contact Information

SGDHS TELEPHONE NUMBER (613) 925-2855
PRINCIPAL: Mr. Robert Currier EXT 3376
VICE-PRINCIPAL: Mrs. Shannon Hughes EXT 3365
OFFICE ADMINISTRATOR: Mrs. Susan Rabb EXT 3360
ATTENDANCE OFFICE ASSISTANT: Mrs. Judy Selleck EXT 3362
OFFICE ASSISTANT: Mrs. Laura Robinson EXT 3363
GUIDANCE: Mrs. Cindy Smith EXT 3368
GUIDANCE: Mrs. Amy Melko EXT 3372
STUDENT SERVICES OFFICE ASSISTANT: Ms. Sue Moore EXT 3366



This booklet lists available options for the next school year. Courses are determined by enrolment numbers. Those courses with insufficient selections will not be offered. This applies to French Immersion courses as well. If there are insufficient numbers the courses will be cancelled.



SOUTH GRENVILLE DISTRICT HIGH SCHOOL

WHAT DO YOU NEED TO GRADUATE?

18 COMPULSORY CREDITS

Students must earn the following compulsory credits to obtain the Ontario Secondary School Diploma

CREDITS	COURSES
4	Credits in English (1 per grade)
3	Credits in Mathematics (1 credit in grade 11 or 12)
2	Credits in Science
1	Credit in Canadian History
1	Credit in Canadian Geography
1	Credit in the Arts
1	Credit in Health and Physical Education
1	Credit in French as a second language
0.5	Credit in Career Studies
0.5	Credit in Civics

PLUS ONE CREDIT FROM EACH OF THE FOLLOWING GROUPS

1	Group 1: English, or French as a second language, or a native language, or a classical language, or Social Sciences and The Humanities, or Canadian and World Studies, or Guidance and Career Education, or Cooperative Education.
1	Group 2: Health and Physical Education, or The Arts, or Business Studies, or French as a Second Language, or Cooperative Education.
1	Group 3: Science (Grade 11 or 12), or Technological education, or French as a Second Language, or Computer Studies, or Cooperative Education.

IN ADDITION, STUDENTS MUST COMPLETE THE FOLLOWING:

- 12 optional credits
- 40 hours of community involvement activities
- The provincial literacy requirements



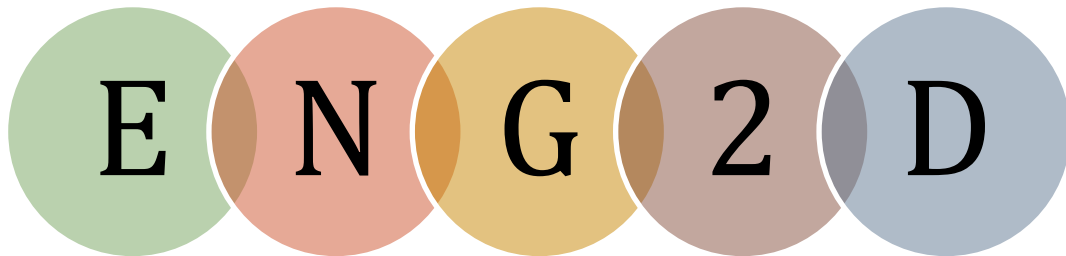
UNDERSTANDING COURSE CODES

The first 3 characters represent the
SUBJECT
English

The 4th character represents the grade
2= Grade 10
3=Grade 11
4= Grade 12

Fifth character represents the
COURSE TYPE

GRADE 10
O = Open
P = Applied
D = Academic
GRADES 11 & 12
O = Open
E = Workplace
C = College
M university/College
U = University



SOUTH GRENVILLE DISTRICT HIGH SCHOOL

FOUR YEAR COURSE PLAN

A career/program I'm interested in is: _____

The post-secondary pre-requisites I will need are: _____

Use the chart below to plan your high school courses so that you will have all of your pre-requisites by the end of Grade 12. Work backwards from Year 4 to make sure you take all of the necessary pre-requisite courses for your Grade 12 courses.

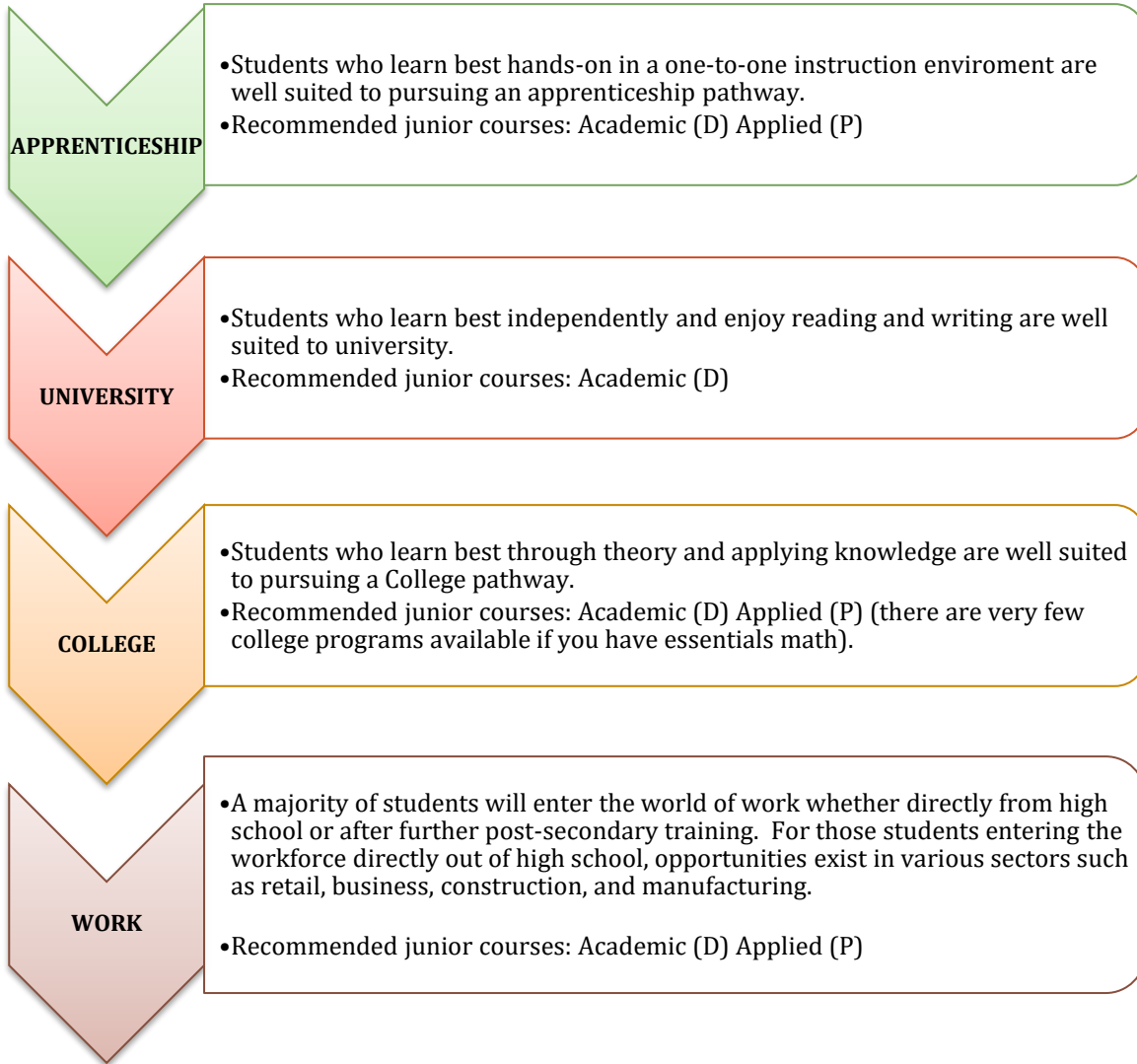
COMPULSORY COURSES	Grade 9	Grade 10	Grade 11	Grade 12
ENGLISH	Grade 9	Grade 10	Grade 11	Grade 12
MATH	Grade 9	Grade 10	Grade 11	Math- recommended
SCIENCE	Grade 9	Grade 10	Biology- recommended	Science- recommended
CANADIAN AND WORLD STUDIES	Geography	History	Humanities or Can & World-Studies- recommended	Humanities or Can & World Studies- recommended
FRENCH	French-Gr. 9			
PHYSICAL EDUCATION	Physical Education			
ART	Art			Extra course or Spare
ELECTIVES (12 CREDITS)	Computers, Drama, Music, Intro to Tech			Extra Course or Spare



SOUTH GRENVILLE DISTRICT HIGH SCHOOL

TYPES OF PATHWAYS

All courses offered by South Grenville DHS have been developed according to the requirements of the Ontario Ministry of Education and Training. In order for all students to be successful, courses are offered in four pathways at the junior level. Senior courses are also offered in four pathways to prepare students for life after high school. Students in any pathway may also choose open-end courses.

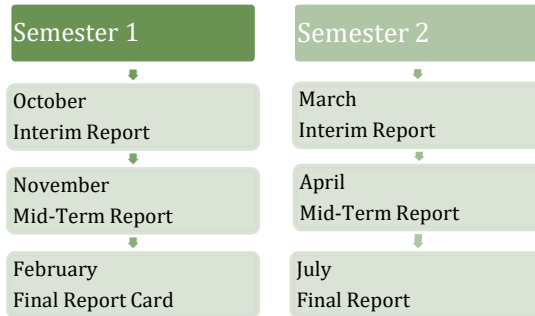


SOUTH GRENVILLE DISTRICT HIGH SCHOOL

REPORTING STUDENT ACHIEVEMENT

Student achievement is communicated formally to students and parents through the Provincial Report Card. Teachers' comments include students' strengths, areas for improvement and suggestions for achievement.

The final grade for each course will be determined as follows:



70% based on assessments and evaluations conducted throughout the course;

30% based on final evaluation in the form of an examination, performance, essay, and/or other methods suitable to the course content and administered towards the end of the course.

Parent/Teacher interviews are held following the Interim Report each semester. Teachers and/or Guidance Counselors can be contacted at any time throughout the year to discuss student progress.

ONTARIO STUDENT TRANSCRIPT

In all Ontario secondary schools the Ontario Student Transcript contains:

- Credits achieved in grades 9, 10, 11 and 12
- Unsuccessful attempts at a senior course (Gr. 11 & 12) will appear permanently on the transcript unless the student withdraws from the course within 5 days from the issue of the mid-term report card.

THE GRADE 10 TEST OF READING & WRITING SKILLS

All students must pass the Grade 10 Test of Reading and Writing Skills in order to earn a Secondary School Diploma. This test is designed by the Ontario Education Quality and Accountability office, and is administered once every year. There is no limit to the number of times a student may retake the test. Students who have been unsuccessful on the test at least once are eligible for the Ontario Secondary Literacy Course (OSSLC). Students who complete the course successfully will meet the provincial literacy requirement for graduation.

Accommodations may be made only for students with an IEP and in accordance with EQAO policies. With parental consent and the approval of the Principal, students whose Individual Education Plan



SOUTH GRENVILLE DISTRICT HIGH SCHOOL



IMAGINE...
An opportunity to
test drive a career!

indicates that the student is not working towards a Secondary School Diploma may be exempted from writing the test.

Students who might benefit from a deferral of the test may include identified, exceptional or ESL students. A parent may request such a deferral. The Principal in consultation with the parent may initiate a deferral. In order to achieve an Ontario Secondary School Diploma, deferred students must successfully complete the test or the course.

PROGRAM AND DIPLOMA REQUIREMENTS FOR GRADES 9 TO 12

As part of the diploma requirements, students must complete a minimum of 40 volunteer hours in the community during their years in the secondary school program. A booklet outlining eligible activities and other pertinent information can be obtained from the school website:

<http://www.ucdsb.on.ca/school/sga/curriculum/student services/Pages/Mandatory.aspx>



YOUR 40 HOURS COUNT



SPECIALIST HIGH SCHOOL MAJOR

What is a Specialist High Skills Major?

The Hospitality & Tourism and Transportation Technology Specialist High Skills Major (SHSM) at SGDHS are Ministry of Education approved specialized programs. A SHSM allows students to focus on knowledge and skills that are of particular importance in certain economic sectors, and to obtain certification recognized in those sectors, as they work towards meeting the requirements for an Ontario Secondary School Diploma (OSSD). Students who graduate with a SHSM designation on their diploma are prepared for success in a particular sector and in the postsecondary designation of their choice, whether it be apprenticeship training, a college or university program, or the workplace. Please see a Guidance counsellor for more information.



Every SHSM includes five components

A package of 9-11 required credits including:

- 4 'major' credits for courses that provide knowledge and skills closely related to the sector specialization;
- 2 cooperative education credits, which may be used to meet two of the 18 compulsory credit requirements of the OSSD.
- Compulsory certifications in a particular sector which are identified in each SHSM framework.
- Experiential learning through job shadowing, work experience, and a minimum of 2 credits earned through cooperative education.
- Use of the Ontario Skills Passport (OSP) to document the demonstration of essential skills and work habits.
- Reach Ahead' opportunities to allow students to experience learning in their intended post-secondary designation, which can range from a day of attendance at college, a university, or a workplace to completion of a dual credit



SOUTH GRENVILLE DISTRICT HIGH SCHOOL

How will the Specialist High Skills Major Benefit Students?

A SHSM allows a student to experience a range of customized, career-focused learning opportunities. It enables a student to take courses in an area of interest related to a particular sector while working towards an OSSD.

The focused learning experience of a SHSM program gives students the opportunity to explore, identify, and refine career goals and make informed decisions related to postsecondary education, training, and next steps towards a career.

The experiential learning opportunities provided in a SHSM enable students to refine their skills and improve their work habits, gain confidence in their ability to succeed, and see the connections between their studies, the real world, and their future careers. Students are also able to begin to establish relationships and networks in their chosen fields.

Students who graduate with a SHSM can look forward to improved prospects after secondary school. The SHSM framework and content is becoming more recognized and supported by the economic sector, apprenticeship and training programs, colleges and universities.

CREDITS	APPRENTICESHIP TRAINING		COLLEGE		UNIVERSITY		WORKPLACE	
	GR 11	GR 12	GR 11	GR 12	GR 11	GR 12	GR 11	GR 12
HOSPITALITY & TOURISM MAJOR	2	2	2	2	2	2	2	2
ENGLISH	1		1		1			1
MATHEMATICS		1		1		1	1	
SCIENCE OR BUSINESS STUDIES (depending on area of focus)	1		1		1		1	
COOPERATIVE EDUCATION	2		2		2		2	
TOTAL NUMBER OF CREDITS	9		9		9		9	

NOTE:

- Interviews and applications are required for students to participate in the SHSM Program.
- Application forms are available from Student Services.

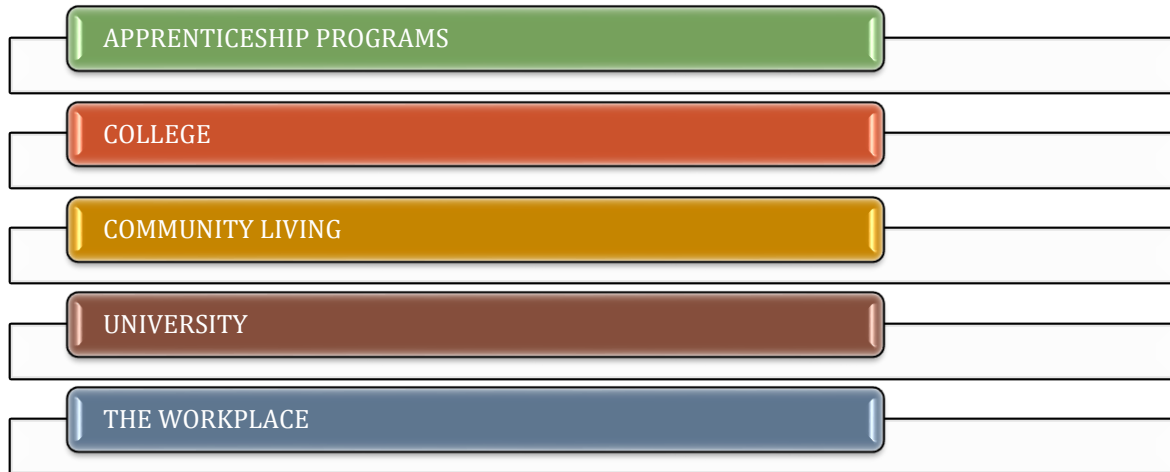


SOUTH GRENVILLE DISTRICT HIGH SCHOOL

STUDENT SUCCESS: REACHING EVERY STUDENT

The Upper Canada District School Board, through its secondary school program, is committed to equipping all students with the knowledge, skills and attitudes they need for successful outcomes - smooth transitions to the post-secondary destinations of their choice. Our schools offer educational programs that promote high standards, while providing students with learning opportunities and supports needed for success.

Successful completion of secondary education in Ontario is important and a valuable step toward post-secondary opportunities. Students may create or choose a program pathway that prepares them for direct entry into:



There is value, honour and dignity in all post-secondary destinations and all sectors of employment. A student's *Program Pathway* is his or her educational program and reflects the goals that help motivate him or her to complete secondary school. Building a successful pathway through school requires planning and is a cooperative effort between students, parents/guardians, teachers and guidance counsellor's. Factors that must be considered in planning include:

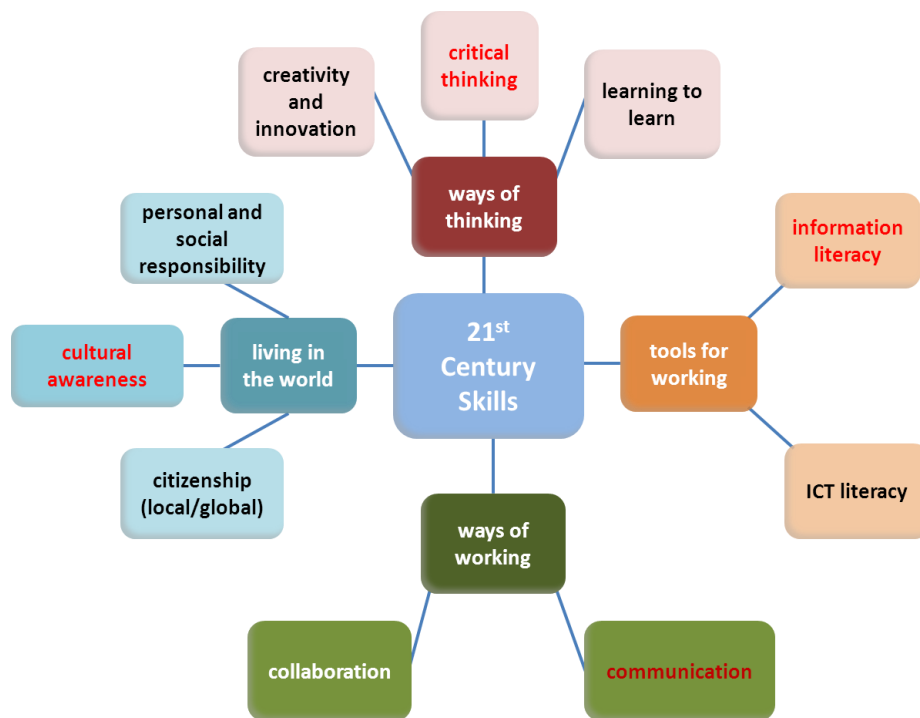


SOUTH GRENVILLE DISTRICT HIGH SCHOOL

Early success in high school is essential. Statistics in Ontario show very clearly that failure in courses in grades 9 and 10 is a significant factor in students dropping out of school. Appropriate course selection and proactive plans for success are important.

Schools in Upper Canada have a strong focus on Student Success. In each of our high schools, Classroom Teachers, Student Success Teachers, Guidance Counselors, Learning Resource Coaches and Administrators form strong teams that are dedicated to successful outcomes for all students. For our students making the transition from grade 8 to grade 9, there has never been greater attention paid to their strengths and needs, while focusing on opportunities for success.

This Course Calendar and our companion document Destinations of Choice: Education and Career Roadmap are valuable tools to assist families in planning and reviewing a pathway to success for all students. Please contact us for more information.



UCDSB ONLINE LEARNING PROGRAM OVERVIEW

The Online Learning Program enables our students to access a variety of courses and resources that might not otherwise be available in their schools. The program also creates an opportunity for our students to acquire a new set of learning skills. Online courses have been offered by the UCDSB with a consistently high degree of student success since September of 2003. Here are some highlights of the program: Intended to make courses available that are not offered in the student's school. The courses are offered asynchronously so students and teachers are not required to be online at the same time. All courses are taught by qualified Upper Canada District School Board teachers. All



SOUTH GRENVILLE DISTRICT HIGH SCHOOL

courses meet the curriculum requirements of the Ministry of Education. The courses are offered in a semester format similar to in-school courses. A student can complete one (1) online course per semester.

UCDSB ON-LINE LEARNING COURSES

Upper Canada District School Board students have access to a wide range of online courses developed by the Ontario Ministry of Education and delivered by Upper Canada teachers. For more information on courses currently available, please check our Online Learning web site at www.elearningstudents.ca. Our students can also take online courses with member Boards in the Ontario Strategic Alliance for eLearning. For more information on all the above online options, please consult with your school's Guidance Counsellor.

THE ADVANTAGES OF ON-LINE LEARNING:

Increased flexibility in delivery of course content

- Increased student confidence in class participation
- Direct access to the course teacher
- Accommodation of a wide range of student learning styles
- Extended time for considered responses
- Reinforced sense of equality within course structure
- Continual access to learning materials and archived discussions, guided tutorials
- Opportunity for increased class participation through student centered teaching strategies (threaded discussions, group assignments, virtual classrooms, shared white board, multi-media resources)
- Provides an alternative delivery mode for students with mobility is

CONSIDERATIONS FOR ACHIEVING ON-LINE STUDENT SUCCESS

Willingness to share and learn in an on-line environment

- Able to express yourself clearly through text (email, threaded discussions)
- Commitment to log on and participate
- Realize online courses require as much time as in-school course
- Comfortable with sending email, attachments, save and organize document
- Familiar with the internet, use of search engines, word processing software
- Able to set short and long term goals
- Take responsibility for self-directed learning



CONSIDERATIONS FOR PARENTS / GUARDIANS OF ON-LINE STUDENTS:

- Take the opportunity to review course outline, expectations and time lines
- Help establish a good work/study area at home
- Help set up a regular work/study schedule
- Discuss the course progress together



SOUTH GRENVILLE DISTRICT HIGH SCHOOL

ALTERNATE COURSE CREDITS

In most cases, students will earn credits in day-school courses. However, the following are some alternate ways that credits may be earned: correspondence education, independent study, private study, summer school, on-line, PLAR (Prior Learning Assessment Review) and substitution for compulsory credits. Guidance counselors can provide conditions and details upon request.



DUAL CREDIT

Students can apply to enroll in college courses or apprenticeship training, earning dual credits that count towards their OSSD and college diploma or apprenticeship certification. For example, a student interested in applying to the Police Foundations Program following graduation may opt to take one of the required courses for this program while still in high school. Interpersonal and Group Dynamics, Community and Social Services, First Nations People and

Issues in Diversity and Criminal and Civil Law are examples of Police Foundation's courses offered through the Dual Credit Program. The college courses are taught at the college campus and high school students learn alongside their college peers. A Dual Credit student typically travels to the college once or twice a week for his or her two to three-hour course. Transportation to the course is the responsibility of the student. Many other college programs offer courses through this initiative.

The dual credit program is available through St. Lawrence College – Kingston, Brockville and Cornwall campuses and Algonquin College - Ottawa. Students who desire learning opportunities outside of high school and who would benefit from a college or apprenticeship experience are suitable candidates. To ease scheduling, many students take their dual credit course in conjunction with their high school co-operative education course. This is an excellent opportunity for students to transition to post-secondary education while still in high school. For more information please contact the Guidance Department.



THE ARTS

DRAMA

DRAMA, GRADE 10, OPEN

ADA2O

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

Prerequisite: None

DRAMA, GRADE 11, UNIVERSITY/COLLEGE PREPARATION

ADA3M

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

Prerequisite: Drama, Grade 9 or 10 Open

DRAMA, GRADE 12, UNIVERSITY/COLLEGE PREPARATION

ADA4M

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

Prerequisite: Drama, Grade 11, University/College Preparation

MEDIA ARTS

MEDIA ARTS, GRADE 10, OPEN

ASM2O

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

Prerequisite: None

MEDIA ARTS, GRADE 11, UNIVERSITY/COLLEGE

ASM3M

This course enables students to create media art works using available and emerging technologies such as computer animation, digital imaging, video, and a variety of media. Students will explore the elements and principles of media arts, the connections between contemporary media art works and traditional art forms, and the importance of using responsible practices when engaged in the creative process. Students will develop the skills necessary to create and interpret media art works.



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Prerequisite: Media Arts, Grade 10, Open

MEDIA ARTS, GRADE 12, UNIVERSITY/COLLEGE

ASM4M

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

Prerequisite: Media Arts, Grade 11, University/College

VISUAL ARTS

VISUAL ARTS, GRADE 10, OPEN

AVI2O

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

Prerequisite: None

VISUAL ARTS, GRADE 11, UNIVERSITY/COLLEGE PREPARATION

AVI3M

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

Prerequisite: Visual Arts, Grade 9 or 10, Open

VISUAL ARTS, GRADE 12, UNIVERSITY/COLLEGE PREPARATION

AVI4M

This course focuses on enabling students to refine their use of the creative process when creating and presenting two-and three-dimensional art works using a variety of traditional and emerging media and technologies. Students will use the critical analysis process to deconstruct art works and explore connections between art and society. The studio program enables students to explore a range of materials, processes, and techniques that can be applied in their own art production. Students will also make connections between various works of art in personal, contemporary, historical, and cultural contexts. The course may be delivered as a comprehensive program or through a program focused on a particular art form (e.g. printmaking, environmental design and sculpture).

Prerequisite: Visual Arts, Grade 11, University/College



SOUTH GRENVILLE DISTRICT HIGH SCHOOL

MUSIC

MUSIC, GRADE 10, OPEN

AMU20

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

MUSIC, GRADE 11, UNIVERSITY/COLLEGE PREPARATION

AMU3M

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

Prerequisite: Music, Grade 9 or 10, Open

MUSIC, GRADE 12, UNIVERSITY/COLLEGE PREPARATION

AMU4M

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

Prerequisite: Music, Grade 11, University/College Preparation.

BUSINESS STUDIES

FINANCIAL ACCOUNTING FUNDAMENTALS, GRADE 11, UNIVERSITY/COLLEGE

BAF3M

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



SOUTH GRENVILLE DISTRICT HIGH SCHOOL

FINANCIAL ACCOUNTING PRINCIPLES, GRADE 12, UNIVERSITY/COLLEGE

BAT4M

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 in making business decisions. This course expands students' knowledge of sources of financing, further develops accounting methods for assets, and introduces accounting for partnerships and corporations.

Prerequisite: Financial Accounting Fundamentals, Grade 11, University/College Preparation

INFORMATION AND COMMUNICATION TECHNOLOGY: THE DIGITAL ENVIRONMENT GRADE 11, OPEN

BTA3O

This course prepares students for the digital environment. Using a hands-on approach, students will further develop information and communication technology skills through the use of common business software applications. The concept and operation of e-business will be explored, and students will design and create an e-business website. The skills developed in this course will prepare students for success in the workplace and/or postsecondary studies.

Prerequisite: None

INFORMATION AND COMMUNICATION TECHNOLOGY: MULTIMEDIA SOLUTIONS GRADE 12, COLLEGE

BTX4C

This course provides students with the opportunity to apply their information and communication technology skills while working in a team environment. Through a project-based approach, students will have opportunities to integrate common business software applications and apply multimedia techniques. Students will further develop their understanding of electronic business and e-commerce environments. The skills acquired in this course will prepare students for success in postsecondary studies and in their future careers.

Prerequisite: Information and Communication Technology: The Digital Environment Grade 11, Open

CANADIAN AND WORLD STUDIES

GEOGRAPHY

TRAVEL AND TOURISM: A REGIONAL GEOGRAPHIC PERSPECTIVE GRADE 11 OPEN

CGG3O

This course focuses on travel and tourism as the vehicle for studying selected world regions. Using a variety of geo-technologies and inquiry and communication methods, students will conduct and present case studies that develop their understanding of the unique characteristics of selected world regions; the environmental, cultural, economic, and political factors that influence travel and tourism; and the impact of the travel industry on communities and environments around the world.

Prerequisite: Geography of Canada, Grade 9, Academic or Applied



SOUTH GRENVILLE DISTRICT HIGH SCHOOL

THE ENVIRONMENT AND RESOURCE MANAGEMENT, GRADE 12, UNIVERSITY/COLLEGE

CGR4M

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

CANADIAN AND WORLD ISSUES: A GEOGRAPHIC ANALYSIS GRADE 12, UNIVERSITY PREPARATION

CGW4U

This course examines the global challenges of creating a sustainable and equitable future, focusing on current issues that illustrate these challenges. Students will investigate a range of topics, including cultural, economic, and geopolitical relationships, regional disparities in the ability to meet basic human needs, and protection of the natural environment. Students will use geo-technologies and skills of geographic inquiry and analysis to develop and communicate balanced opinions about the complex issues facing Canada and a world that is interdependent and constantly changing.

Prerequisite: Any university or university/college preparation course in Canadian and World Studies, English or Social Sciences and Humanities

HISTORY

CANADIAN HISTORY SINCE WORLD WAR I GRADE 10, ACADEMIC

CHC2D

This course explores the local, national, and global forces that have shaped Canada's national identity from World War 1 to the present. Students will investigate the challenges presented by economic, social, and technological changes and explore the contributions of individuals and groups to Canadian culture and society during this period. Students will use critical-thinking and communication skills to evaluate various interpretations of the issues and events of the period and to present their own points of view.

Prerequisite: None



SOUTH GRENVILLE DISTRICT HIGH SCHOOL

CANADIAN HISTORY SINCE WORLD WAR I GRADE 10, APPLIED

CHC2P

This course explores some of the pivotal events and experiences that have influenced the development of Canada's identity as a nation from World War I to the present. By examining how the country has responded to economic, social, and technological changes and how individuals and groups have contributed to Canadian culture and society during this period, students will develop their ability to make connections between historical and current events. Students will have opportunities to formulate questions, locate information, develop informed opinions, and present ideas about the central issues and events of the period.

Prerequisite: None

CIVICS, GRADE 10, OPEN (0.5 CREDIT)

CHV2O

This course explores what it means to be an informed, participating citizen in a democratic society. Students will learn about the elements of democracy in local, national, and global contexts, about political reactions to social change, and about political decision-making processes in Canada. They will explore their own and others' ideas about civics questions and learn how to think critically about public issues and react responsibly to them.

Prerequisite: None

WORLD HISTORY SINCE 1900: GLOBAL & REGIONAL PERSPECTIVES GRADE 11, OPEN

CHT3O

This course investigates the history of humanity from earliest times to the sixteenth century. Students will analyze diverse societies from around the world, with an emphasis on the political, cultural, and economic structures and historical forces that have shaped the modern world. They will apply historical inquiry, critical-thinking, and communication skills to evaluate the influence of selected individuals, groups, and innovations and to present their own conclusions.

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

WORLD HISTORY TO THE SIXTEENTH CENTURY GRADE 11, UNIVERSITY/COLLEGE PREPARATION

CHW3M

This course investigates the history of humanity from earliest times to the sixteenth century. Students will analyze diverse societies from around the world, with an emphasis on the political, cultural, and economic structures and historical forces that have shaped the modern world. They will apply historical inquiry, critical-thinking, and communication skills to evaluate the influence of selected individuals, groups, and innovations and to present their own conclusions.

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

CANADA: HISTORY, IDENTITY, AND CULTURE, GRADE 12 UNIVERSITY PREPARATION

CHI4U

This course traces the history of Canada, with a focus on the evolution of our national identity and culture as well as the identity and culture of various groups that make up Canada. Students will explore various developments and events, both national and international, from precontact to the present, and will examine various communities in Canada and how they have contributed to identity



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and heritage in Canada. Students will investigate the development of culture and identity, including national identity, in Canada and how and why they have changed throughout the country's history. They will extend their ability to apply the concepts of historical thinking and the historical inquiry process, including the interpretation and analysis of evidence, as they investigate the people, events, and forces that have shaped Canada.

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

ABORIGINAL PEOPLES IN CANADA, GRADE 10, OPEN

NAC20

This course emphasizes historical and contemporary issues that affect the relationship between Aboriginal peoples and Canadian governments. Students will examine legal, political, social, and economic issues; key aspects of the Indian Act and its revisions that have an impact on the daily lives of Aboriginal persons; the different types of relationships that Aboriginal peoples have established with other nations throughout history; and the methodology of historical inquiry.

LAW

UNDERSTANDING CANADIAN LAW CLU3M GRADE 11, UNIVERSITY PREPARATION

CLU3M

This course explores Canadian law with a focus on legal issues that are relevant to people's everyday lives. Students will investigate fundamental legal concepts and processes to gain a practical understanding of Canada's legal system, including the criminal justice system. Students will use critical-thinking, inquiry, and communication skills to develop informed opinions on legal issues and apply this knowledge in a variety of ways and settings, including case analysis, legal research projects, mock trials, and debates.

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

CANADIAN AND INTERNATIONAL LAW

CLN4U

This course examines elements of Canadian and international law in social, political, and global contexts. Students will study the historical and philosophical sources of law and the principles and practices of international law and will learn to relate them to issues in Canadian society and the wider world. Students will use critical-thinking and communication skills to analyse legal issues, conduct independent research, and present the results of their inquiries in a variety of ways

NATIVE STUDIES

ABORIGINAL PEOPLES IN CANADA, GRADE 10, OPEN

NAC20

This course emphasizes historical and contemporary issues that affect the relationship between Aboriginal peoples and Canadian governments. Students will examine legal, political, social, and economic issues; key aspects of the Indian Act and its revisions that have an impact on the daily lives of Aboriginal persons; the different types of relationships that Aboriginal peoples have established with other nations throughout history; and the methodology of historical inquiry

ABORIGINAL BELIEFS, VALUES, AND ASPIRATIONS IN CONTEMPORARY SOCIETY BV3C GRADE 11 COLLEGE PREPARATION

This course focuses on the beliefs, values, and aspirations of Aboriginal peoples in Canada. Students will examine world views of Aboriginal peoples and the political, economic, cultural, and social



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challenges facing individuals and communities. Students will also learn how traditional and contemporary beliefs and values influence the aspirations and actions of Aboriginal peoples.
Prerequisite: Aboriginal Peoples in Canada, Grade 10, Open or Canadian History in the Twentieth Century, Grade 10, Academic or Applied

CURRENT ABORIGINAL ISSUES IN CANADA, GRADE 11 UNIVERSITY/COLLEGE PREPARATION

NDA3M

This course focuses on existing and emerging issues of importance to Aboriginal peoples in Canada. Students will investigate issues related to identity, relationships among Aboriginal peoples and between Aboriginal peoples and other Canadians, sovereignty principles as presented by Aboriginal peoples, and the contemporary challenges posed by these issues. Students will also examine such topics as language preservation, the responsibilities of Aboriginal women and men, and the need for dialogue between Aboriginal and non-Aboriginal peoples.

Prerequisite: Aboriginal Peoples in Canada, Grade 10, Open or Canadian History in the Twentieth Century, Grade 10, Academic or Applied

ISSUES OF INDIGENOUS PEOPLES IN A GLOBAL CONTEXT, GRADE 12 UNIVERSITY/COLLEGE PREPARATION

NDW4M

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.

Prerequisite: Any Grade 11 university, university/college, or college preparation course in Native studies.

ENGLISH

ENGLISH, GRADE 10, ACADEMIC

ENG2D

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

Prerequisite: English, Grade 9, Academic or Applied

English, Grade 10, Applied

ENG2P

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



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Prerequisite: English, Grade 9, Academic or Applied

ENGLISH, GRADE 10, WORKPLACE PREPARATION

ENG2L

This course provides foundational literacy and communication skills to prepare students for success in their daily lives, in the workplace, in the grade 11 English workplace preparation course, and to prepare them for the successful completion of the grade 10 literacy test. The course is organized by strands that extend listening and talking skills, reading and viewing skills, and writing skills. In all strands, the focus is on refining foundational literacy skills and on using language clearly and accurately in a variety of authentic contexts. Students build on their strategies and engage in the processes involved in talking, listening, reading, viewing, writing, and thinking. Students reflect regularly upon their growth in these areas.

ENGLISH: GRADE 11, CONTEMPORARY ABORIGINAL VOICES, GRADE 11 WORKPLACE PREPARATION

NBE3E

This course emphasizes the development of literacy, critical thinking, and communication skills through the study of works in English by Aboriginal writers. Students will study the content, form, and style of informational texts and literary and media works and will develop an appreciation of the wealth and complexity of Aboriginal writing. Students will also write explanations, letters, and reports, and will investigate the connections between media forms and audiences. An important focus will be on using language clearly, accurately, and effectively in a variety of contexts.

Prerequisite: English, Grade 10, Academic or Applied

ENGLISH: GRADE 11, CONTEMPORARY ABORIGINAL VOICES, GRADE 11 COLLEGE PREPARATION

NBE3C

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

Prerequisite: english, grade 10, academic or applied.

ENGLISH: GRADE 11, CONTEMPORARY ABORIGINAL VOICES, GRADE 11 NBE3U UNIVERSITY PREPARATION

this course emphasizes the development of literacy, critical thinking, and communication skills through the study of works in english by aboriginal writers. Through the analysis of literary texts and media works, students will develop an appreciation of the wealth and complexity of aboriginal writing. Students will also conduct research and analyse the information gathered; write persuasive and literary essays; and analyse the relationship between media forms and audiences. An important focus will be the further development of students' understanding of english-language usage and conventions.

Prerequisite: english, grade 10, academic



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English, Grade 12, University Preparation ENG4U

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

Prerequisite: English, Grade 11, University Preparation

ENGLISH, GRADE 12, COLLEGE PREPARATION ENG4C

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

Prerequisite: English, Grade 11, College Preparation

ENGLISH, GRADE 12, WORKPLACE PREPARATION ENG4E

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

Prerequisite: English, Grade 11, Workplace Preparation

ENGLISH, GRADE 12 OPEN, ONTARIO SECONDARY SCHOOL LITERACY COURSE OLC40

This course is designed to help students acquire and demonstrate the cross-curricular literacy skills that are evaluated by the Ontario Secondary School Literacy Test. Students who complete the course successfully will meet the provincial literacy requirement for graduation. Students will read a variety of informational, narrative and graphic texts and will produce a variety of forms of writing, including summaries, information paragraphs, opinion pieces and news reports. Students will also maintain and manage a literacy portfolio containing a record of their reading experiences and samples of their writing. The credit earned for successful completion of this course can count as a credit in Group 1 or may be counted as the 4th compulsory English; additionally, it will earn students their literacy credential for graduation. Students should note that admission for college requires ENG4C/ENG4U and university requires ENG4U.

Prerequisite: Students who have been unsuccessful on the test at least once are eligible for the Ontario Secondary School Literacy Course (OSSLC).



FRENCH IMMERSION

FRENCH IMMERSION COURSES

Over the 4 years at South Grenville students enrolled in French Immersion will also have the opportunity to take the following courses in French: Physical and Health education, Art, Peer Tutoring and Co-op. There is also the option of taking online courses in French.

IMMERSION FRENCH, GRADE 10, ACADEMIC

FIF2D

This course emphasizes the continued development and refinement of students' oral communication, reading and writing skills as they explore a variety of themes. Students will expand their knowledge and appreciation of francophone culture through the study and interpretation of novels, poems and plays intended for a French-speaking audience.

Prerequisite: Extended French, Grade 9, Academic

IMMERSION FRENCH, GRADE 11, UNIVERSITY PREPARATION

FIF3U

This course focuses on developing French language skills through the study of Canadian francophone authors. Students will analyze a range of works and produce written assignments in a variety of genres, including the formal essay. The use of correct grammar and appropriate language conventions in both spoken and written French will be emphasized throughout the course.

Prerequisite: Extended French, Grade 10, Academic

IMMERSION FRENCH, GRADE 12, UNIVERSITY PREPARATION

FIF4U

This course emphasizes the refinement of French-language skills through the study of Canadian and international francophone literature. Students will interpret literary works, produce written assignments in a variety of genres and conduct research on a major topic for a written and oral presentation. The use of correct grammar and appropriate language conventions in both spoken and written French will be emphasized throughout the course.

Prerequisite: Extended French, Grade 11, University Preparation

GUIDANCE AND CAREER EDUCATION

CAREER STUDIES, GRADE 10, OPEN (0.5 CREDIT)

GLC2O

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



CO-OPERATIVE EDUCATION

COOP32 (half day)

COOP34 (full day)

Co-operative education is a planned learning experience in the workplace for which credits are earned. It integrates classroom theory and learning experiences at a workplace to enable students to apply and refine the knowledge and skills acquired in a related curriculum course studied in school. Using curriculum expectations of the Ministry of Education, the teacher, student and workplace supervisor design a valid educational experience.

Co-operative education requires a personalized placement learning plan and pre-placement orientation for the student. The co-operative education teacher is responsible for on-site monitoring, classroom integration activities reflective learning and student assessment.



Coop is a two- or four-credit career-oriented program designed to allow students to expand on courses taken in school at a work place in the community. It is a three-way partnership among the students, the school and the employer. Co-operative education involves partnerships with the community. The collaboration of students, teachers and placement supervisors is required for the development of personalized placement learning plans. Students are monitored and supported in their learning by the placement supervisor and Co-operative education teachers. Students entering Grades 11 or 12 and those students returning for a fifth year can enroll in Cooperative Education.

Students MUST select “Coop” on their course selection sheet completed in February.

Students are responsible for their own transportation to and from the workplace and to provide safety equipment if needed.

Students who are interested in participating in the Ontario Youth Apprenticeship Program (OYAP) take cooperative education during grade 11 and/or grade 12. If the student and employer agree, an apprenticeship agreement can be signed and the co-op hours can then count towards the student’s apprenticeship. Please speak with a Co-op teacher and/or guidance counselor for more information.

More information on OYAP can be found at www.oyap.com.

HEALTH & PHYSICAL EDUCATION

HEALTHY ACTIVE LIVING EDUCATION, GRADE 10, OPEN

PPL20

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



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Prerequisite: None

HEALTHY ACTIVE LIVING EDUCATION CO-ED, GRADE 11, OPEN

PPL30

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

Prerequisite: None

PERSONAL FITNESS CO-ED, GRADE 11, OPEN

PAF30

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

Prerequisite: None

HEALTHY ACTIVE LIVING EDUCATION CO-ED, GRADE 12, OPEN

PPL40

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

Prerequisite: None

PERSONAL FITNESS CO-ED, GRADE 12, OPEN

PAF40

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

Prerequisite: None



MATHEMATICS^[MS1]

PRINCIPLES OF MATHEMATICS, GRADE 10, ACADEMIC

MPM2D

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

Prerequisite: Mathematics, Grade 9, Academic

FOUNDATIONS OF MATHEMATICS, GRADE 10, APPLIED

MFM2P

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

Prerequisite: Mathematics, Grade 9, Academic or Applied

MATHEMATICS, GRADE 10, WORKPLACE PREPARATION

MAT2L

This course emphasizes the extension of mathematical knowledge and skills to prepare students for success in their everyday lives, in the workplace, and in the Grade 11 Mathematics Workplace Preparation course. The course is organized in three strands related to money sense, measurement, and proportional reasoning. In all strands, the focus is on strengthening and extending key foundational mathematical concepts and skills by solving authentic, everyday problems. Students have opportunities to extend their mathematical literacy and problem-solving skills and to continue developing their skills in reading, writing, and oral language through relevant and practical math activities^[MS2].

FUNCTIONS, GRADE 11, UNIVERSITY PREPARATION

MCR3U

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

Prerequisite: Principles of Mathematics, Grade 10, Academic



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FUNCTIONS AND APPLICATIONS,

MCF3M

GRADE 11, UNIVERSITY/COLLEGE PREPARATION

This course introduces basic features of the functions 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.

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

FOUNDATIONS FOR COLLEGE MATHEMATICS

MBF3C

GRADE 11, COLLEGE PREPARATION

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

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

MATHEMATICS FOR WORK AND EVERYDAY LIFE

MEL3E

GRADE 11, WORKPLACE PREPARATION

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

Prerequisite: Any Grade 9 or 10 Mathematics

ADVANCED FUNCTIONS, GRADE 12, UNIVERSITY PREPARATION

MHF4U

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

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



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FOUNDATIONS FOR COLLEGE MATHEMATICS

MAP4C

GRADE 12, COLLEGE PREPARATION

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

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

MATHEMATICS FOR WORK AND EVERYDAY LIFE

MEL4E

Grade 12, Workplace Preparation This course enables students to broaden their understanding of mathematics as it is applied in the workplace and daily life. Students will investigate questions involving the use of statistics; apply the concept of probability to solve problems involving familiar situations; investigate accommodation costs, create household budgets, and prepare a personal income tax return; use proportional reasoning; estimate and measure; and apply geometric concepts to create designs. Students will consolidate their mathematical skills as they solve problems and communicate their thinking.

Prerequisite: Mathematics for Work and Everyday Life, Grade 11, Workplace Preparation or Foundations for College Preparation Mathematics.

SCIENCE

SCIENCE, GRADE 10, ACADEMIC

SNC2D

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 animal and plants; chemical reactions, with a particular focus on acid-base reactions; forces that affect climate, climate change; and the interaction of light and matter.

Prerequisite: Science, Grade 9 Academic or Applied

SCIENCE, GRADE 10, APPLIED

SNC2P

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



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Prerequisite: Science, Grade 9, Academic or Applied

SCIENCE, GRADE 11, WORKPLACE PREPARATION

SVN3E

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

Prerequisite: Science, Grade 9, Academic, Applied, Science, or Locally Developed,

SCIENCE, GRADE 12, WORKPLACE PREPARATION

SNC4E

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

Prerequisite: Science, Grade 10, Academic, Applied, or grade 11 Science, Workplace Preparation

PHYSICS

PHYSICS, GRADE 12 COLLEGE PREPARATION

SPH4C

Physics, Grade 12 College Preparation SPH4C 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. Prerequisite: Science, Grade 10, Academic or Applied

PHYSICS, GRADE 12 UNIVERSITY PREPARATION

SPH4U

This course enables students to deepen their understanding of physics concepts and theories. Students will continue their exploration of energy transformations and the forces that affect motion, and will investigate electrical, gravitational, and magnetic fields and electromagnetic radiation. Students will also explore the wave nature of light, quantum mechanics, and special relativity. They will further develop their scientific investigation skills, learning, for example, how to analyse, qualitatively and quantitatively, data related to a variety of physics concepts and principles. Students will also consider the impact of technological applications of physics on society and the environment. Prerequisite: Physics, Grade 11, University Preparation

BIOLOGY



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BIOLOGY, GRADE 11, UNIVERSITY PREPARATION

SBI3U

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

Prerequisite: Science, Grade 10, Academic

BIOLOGY, GRADE 11, COLLEGE PREPARATION

SBI3C

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

Prerequisite: Science, Grade 10, Academic or Applied

BIOLOGY, GRADE 12, UNIVERSITY PREPARATION

SBI4U

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.

Prerequisite: Biology, Grade 11, University Preparation

CHEMISTRY

CHEMISTRY, GRADE 11, UNIVERSITY PREPARATION SCH3U

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 behavior of gases. Students will further develop their analytical skills and investigate the qualitative and quantitative properties of matter, as well as the impact of some common chemical reactions on society and the environment.

Prerequisite: Science, Grade 10, Academic

CHEMISTRY, GRADE 12, UNIVERSITY PREPARATION

SCH4U

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.

Prerequisite: Chemistry, Grade 11, University Preparation



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CHEMISTRY, GRADE 12, COLLEGE PREPARATION

SCH4C

This course enables students to develop an understanding of chemistry through the study of matter and qualitative analysis, organic chemistry, electrochemistry, chemical calculations, and chemistry as it relates to the quality of the environment. Students will use a variety of laboratory techniques, develop skills in data collection and scientific analysis, and communicate scientific information using appropriate terminology. Emphasis will be placed on the role of chemistry in daily life and the effects of technological applications and processes on society and the environment.

Prerequisite: Science, Grade 10, Academic or Applied

PHYSICS

PHYSICS, GRADE 11, UNIVERSITY PREPARATION

SPH3U

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

Prerequisite: Science, Grade 10, Academic

SOCIAL SCIENCES AND HUMANITIES

GENERAL SOCIAL SCIENCES

INTRODUCTION TO ANTHROPOLOGY, PSYCHOLOGY, AND SOCIOLOGY

HSP3C/U

Grade 11, University / College Preparation

This course introduces the theories, questions and issues that are the major concerns of anthropology, psychology and sociology. Students will develop an understanding of the way social scientists approach the topics they study and the research methods they employ. Students will be given opportunities to explore theories from a variety of perspectives and to become familiar with current thinking on a range of issues that have captured the interest of classical and contemporary social scientists in the three disciplines.

Prerequisite: None

TECHNOLOGY COURSES

CONSTRUCTION TECHNOLOGY

CONSTRUCTION TECHNOLOGY, GRADE 10, OPEN

TCJ20

This course introduces students to building materials and processes through opportunities to design and build various construction projects. Students will learn to create and read working drawings; become familiar with common construction materials, components, and processes; and perform a variety of fabrication, assembly, and finishing operations. They will use a variety of hand and power tools and apply knowledge of imperial and metric systems of measurement, as appropriate. Students



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will develop an awareness of environmental and societal issues related to construction technology, and will postsecondary pathways leading to careers in the industry.

Prerequisite: None

CONSTRUCTION TECHNOLOGY (BUILDING CONSTRUCTION)

TCJ3E

GRADE 11, WORKPLACE PREPARATION

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

Prerequisite: None

CONSTRUCTION TECHNOLOGY (BUILDING CONSTRUCTION)

TCJ4E

GRADE 12, WORKPLACE PREPARATION

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

Prerequisite: TCJ3E or TCE3E

CONSTRUCTION TECHNOLOGY (ELECTRICAL)

TCE3E

GRADE 11, WORKPLACE PREPARATION

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

Prerequisite: None



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CONSTRUCTION TECHNOLOGY (ELECTRICAL), GRADE 12, WORKPLACE PREPARATION

TCE4E

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

*** This course will meet all course expectations with a focus of Residential and Industrial wiring.**

Prerequisite: TCJ3E or TCE3E

CUSTOM WOODWORKING

Custom Woodworking (cabinet making), Grade 11, Workplace Preparation TWJ3E

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

Prerequisite: None

CUSTOM WOODWORKING (CABINET MAKING) GRADE 12, WORKPLACE PREPARATION TWJ4E

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

Prerequisite: Custom Woodworking, Grade 11, Workplace Preparation

HOSPITALITY AND TOURISM TECHNOLOGY

HOSPITALITY AND TOURISM TECHNOLOGY, GRADE 10, OPEN

TFJ2O

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



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environmental and societal issues, and will explore secondary and postsecondary pathways leading to careers in the tourism industry.

Prerequisite: None

HOSPITALITY AND TOURISM (CULINARY ARTS AND MANAGEMENT) TFR3C (SHSM ONLY)

GRADE 11, COLLEGE PREPARATION

This course enables students to develop or expand knowledge and skills related to hospitality and tourism, as reflected in the various sectors of the tourism industry. Students will learn about preparing and presenting food, evaluating facilities, controlling inventory, and marketing and managing events and activities, and will investigate customer service principles and the cultural and economic forces that drive tourism trends. Students will develop an awareness of health and safety standards, environmental and societal issues, and career opportunities in the tourism industry.

*** This course will meet all course expectations with a focus on Culinary Arts and Management.**

Prerequisite: None

HOSPITALITY AND TOURISM (CULINARY ARTS AND MANAGEMENT) TFR4C (SHSM ONLY)

GRADE 12, COLLEGE PREPARATION

This course enables students to further develop knowledge and skills related to the various sectors of the tourism industry. Students will demonstrate advanced food preparation and presentation skills; increase health and wellness knowledge; develop tourism administration and management skills; design and implement a variety of events or activities; and investigate principles and procedures that contribute to high-quality customer service. Students will expand their awareness of health and safety issues, environmental and societal issues, and career opportunities in the tourism industry.

***This course will meet all course expectations with a focus on Culinary Arts and Management.**

Prerequisite: TFJ3C or TFT3C or TFR3C

HOSPITALITY AND TOURISM, GRADE 11, COLLEGE PREPARATION TFJ3C

This course enables students to develop or expand knowledge and skills related to hospitality and tourism, as reflected in the various sectors of the tourism industry. Students will learn about preparing and presenting food, evaluating facilities, controlling inventory, and marketing and managing events and activities, and will investigate customer service principles and the cultural and economic forces that drive tourism trends. Students will develop an awareness of health and safety standards, environmental and societal issues, and career opportunities in the tourism industry.

Prerequisite: None

HOSPITALITY AND TOURISM, GRADE 12, COLLEGE PREPARATION TFJ4C

This course enables students to further develop knowledge and skills related to the various sectors of the tourism industry. Students will demonstrate advanced food preparation and presentation skills; increase health and wellness knowledge; develop tourism administration and management skills; design and implement a variety of events or activities; and investigate principles and procedures that contribute to high-quality customer service. Students will expand their awareness of health and safety issues, environmental and societal issues, and career opportunities in the tourism industry.

Prerequisite: TFJ3C or TFT3C or TFR3C



Transportation Technology

TRANSPORTATION TECHNOLOGY, GRADE 10, OPEN

TTJ20

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

Prerequisite: None

TRANSPORTATION TECHNOLOGY, GRADE 11, COLLEGE PREPARATION

TTJ3C

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

Prerequisite: None

TRANSPORTATION TECHNOLOGY, GRADE 12, COLLEGE PREPARATION

TTJ4C

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

Prerequisite: TTJ3C OR TTA3C

TRANSPORTATION TECHNOLOGY (AUTO SERVICE) GRADE 11, COLLEGE PREPARATION

TTA3C

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

*This course will meet all course expectations with a focus on the Automotive Service Industry.
(SHSM)

Prerequisite: None



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TRANSPORTATION TECHNOLOGY (AUTO SERVICE) GRADE 12, COLLEGE PREPARATION TTA4C

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

* This course will meet all course expectations with a focus on the Automotive Service Industry. (SHSM)

Prerequisite: TTJ3C or TTA3C

INTERDISCIPLINARY STUDIES

INTERDISCIPLINARY STUDIES: LINK CREW

IDC4U/ 40

GRADE 12, UNIVERSITY PREPARATION OR OPEN LEVEL

This interdisciplinary course is a locally developed grade 12 University course that will look very closely at the attributes that make a good leader. Students will play a large role in the integration of grade 8 students into grade 9 for 2012. Through researching examples of strong leadership, students will model behaviors and mentor specific grade 9 students to ensure their success at South Grenville DHS. Student will be asked regularly to reflect on leadership situations and self-evaluate their leadership journey.

Additional requirements: An interest in leadership and an interview are required for students to participate in this course.

INTERDISCIPLINARY STUDIES: FRENCH CULTURE (EXTENDED FRENCH)

IDP30

This course examines major social and political trends, events, debates and personalities which help place aspects of contemporary French culture in their historical perspective through fiction, films, essays, newspaper articles, and television.

