

Norwell Course Calendar for Grade 9 Students, 2018-2019

Principal's Message

Our goal at Norwell is to engage our students in the learning process, and to challenge them to achieve personal excellence. The secondary school experience should leave all students richer, prepared for the future, and aware of their responsibilities as good citizens.

The 2018-2019 Course Calendar is not only an information guide regarding Ontario Secondary School Diploma requirements, but also it speaks to our commitment to meet the needs of the 21st century learner. We are determined to build on our honoured traditions and ECO Gold status, and to continue to create programs that engage our learners. Norwell DSS new Local Environmental Agriculture & Foods (LEAF) Program is our latest effort to meet our shared goal to engage students in their learning. We hope to instill deeper understanding and to make clear connections between what is taught in the classroom and the needs of our local and global community. Continuous improvement drives our program development.

Norwell's Hockey Skills Program, Arts Project, CELP, French Immersion, Rhythm and Creative Movement, Technical and Business Leadership classes are all built on the core belief that helping students find what is interesting to them in school helps them succeed. Interest is the key to growth, understanding and academic success. Norwell's desire to be on the cutting edge of new learning is a result of the confidence gleaned from great experience. We look forward to seeing you here and being a part of our school.

Paul Richard
Principal

Note: This is a grade 9 program calendar. To look ahead please view the full course calendar at <https://www.ugdsb.ca/norwell/student-supports/course-calendar-2018-2019>

Teachers, guidance teachers and support staff are also available to help with any questions or concerns you may have while making your choices. You should consider your interests as well as your educational needs before making your final choice. The decisions you make are an important part of your career pathway.

PLANNING YOUR SCHOOL PROGRAM

For students entering grade 9, specific information about choices and programs can be obtained from the staff at Norwell District Secondary School and the student's elementary school. This information will be shared through a Parent Information Night at Norwell, to be held in December 2017, and through information shared with grade 8 students during the option sheet selection process in their elementary schools.

SAMPLE STUDENT TIMETABLE

Homeroom: 9:00 - 9:05

Period	SEMESTER 1: Sept.- Jan.	SEMESTER 2: Feb.- June
1 9:05 - 10:20	English	Option
2 10:25 - 11:40	Option	Issues in Canadian Geography
3 11:40 - 12:30	LUNCH	
4 12:35 - 1:50	French	Science
5 1:55 - 3:10	Mathematics	Option

* Individual student timetables will vary.

TERMS USED IN HIGH SCHOOL

COURSES

Courses are available in many subject areas in high school. Within a subject area, students can specialize their course of study, depending on their personal interests.

TYPES OF COURSES

➤ Courses in Grade 9 and 10 are divided into four types: Academic, Applied, Essential and Open.
moving from Applied Grade 9 courses to Grade 10 Academic courses is possible, but not easy

➤ Courses in Grades 11 and 12 are divided into five types:
 "Workplace preparation" courses, "College preparation" courses,
 "University preparation" courses, "University/College preparation" courses,
 "Open" courses.

in Grades 11 & 12 "transfer" courses may be required for students moving from one type of course to another

COURSE CODES

Each secondary school course is identified by a 5 or 6 character "code".

- The first three characters refer to the subject and specific area.
eg., ENG is English.
- The fourth character normally refers to the grade:
1=grade 9 2=grade 10 3=grade 11 4=grade 12
- The fifth character refers to the type of course as outlined above:
D=academic P=applied O=open U=university preparation L=Essential level
M=university/college preparation C=college preparation E=workplace preparation
- The sixth character is significant for school purposes for example:
F=French Immersion G=Essential Level

CREDITS

One credit is granted when a course of 110 hours is completed successfully. Credits are granted by the Principal on behalf of the Minister of Education for courses that are developed or approved by the Ministry.

PREREQUISITE

Some courses require that students have completed a “prerequisite” course in order to enrol. These prerequisite requirements are indicated in high school course calendars. Students and their families should study carefully the requirements for senior level courses when selecting a program in earlier grades.

SEMESTERED AND NON-SEMESTERED

High schools are generally organized on either a full-year model or a SEMESTERED model.

- Students in a SEMESTERED school, like Norwell, usually study 4 courses from September to January, and 4 courses from February to June, with evaluations and reports at the end of each semester.
- Terms - Each semester is divided into 2 terms. An Ontario Provincial Report Card is received at the end of each term.

DIPLOMA REQUIREMENTS

THE ONTARIO SECONDARY SCHOOL DIPLOMA

To obtain the OSSD, students earn 30 credits of 110 hours each, including 18 compulsory credits and 12 elective credits. The following 18 compulsory credits must be included in order to obtain an Ontario Secondary School Diploma:

- 4 credits in English
- 3 credits in mathematics
- 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:

- Group 1 1 additional credit in English, or French as a second language, or a Native language, or a classical or an international language, or social sciences and the humanities or Canadian and world studies, or guidance and career education, or cooperative education
- Group 2 1 additional credit in health and physical education, or the arts, or business studies, or French as a second language, or cooperative education
- Group 3 1 additional credit in science (grade 11 or 12), or technological education, or French as a second language, or computer studies, or cooperative education

NOTE: 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.

NOTE: A maximum of 2 credits in co-op may count as compulsory credits.

PLUS 12 elective credits selected from available courses

Additional requirements for graduation will include:

- Successful completion of Ontario Secondary School Literacy Test
- Mandatory community involvement of 40 hours

ONTARIO SECONDARY SCHOOL LITERACY TEST

Students will write the Ontario Secondary School Literacy Test in March/April of Grade 10. This test is provincially created and administered. The literacy test evaluates students' reading, writing and comprehension skills based on the expectations in Language and Communications up to and including Grade 9. Students must pass this test in order to graduate from High School and the successful completion of the test will be recorded on the Ontario Student Transcript. Students who do not pass the test successfully will receive remedial help to prepare for re-testing. Accommodations for students in special education programs may include additional time to complete the test. Requests for deferrals or exemptions are to be directed to the Principal. The grade 12 Ontario Secondary School Literacy Course is available for students who have been eligible to write the OSSLT and who have been unsuccessful at least once. Students who are successful in this course earn one English credit and meet the provincial literacy requirement for graduation.

MANDATORY COMMUNITY INVOLVEMENT

Students are required as part of their Ontario Secondary School Diploma (OSSD) to complete a minimum of 40 hours of unpaid community involvement over their four years of Secondary School. This involvement will be in addition to the 30 credits required to graduate and must be arranged by the students and parents. Students must keep a record of this involvement and have it validated by the school Principal or the Head of Guidance Services. A student may work in a variety of settings including not-for-profit organizations, public sector institutions (including hospitals) and informal settings. Possible activities include charity work, coaching, or involvement in certain extra-curricular activities within the school as defined by the guide provided by the Ministry. If a student wishes to participate in an activity or event that is not clearly within the Board's set of examples, and does not conform to the principles set out in the Information Manual, he/she must discuss this activity with the school Principal and get his/her signature before proceeding. Students may begin accumulating community involvement hours upon graduation from grade 8. This includes July and August before the student begins grade 9.

COURSE ORGANIZATION

GRADES 9 AND 10

Grade 9 and 10 courses are organized into four types: Academic, Applied, Essential and Open. All courses prepare students for study in the senior grades. Because the emphasis is on core concepts in Grade 9 courses, students may move from one type of course to another between Grades 9 and 10. Moving from a Grade 9 Applied Course to a Grade 10 Academic Course is possible but it will not be easy. Successful completion of the Grade 9 program, excellent work habits and motivation are key in moving from Applied to Academic courses in each of the core subjects – English, French as a second language, math, science, geography and history. Moving from applied to academic math requires the completion of grade 9 academic math before moving to the grade 10 course.

ACADEMIC COURSES

Academic courses develop students' knowledge and skills through the study of theory and abstract problems. These courses focus on the essential concepts of a subject and explore related concepts as well. They incorporate practical applications as appropriate.

APPLIED COURSES

Applied courses focus on the essential concepts of a subject, and develop students' knowledge and skills through practical applications and concrete examples. Familiar situations are used to illustrate ideas, and students are given more opportunities to experience hands-on applications of the concepts and theories they study.

ESSENTIAL COURSES

Essential courses are based on provincial curriculum with an emphasis on practical applications and hands-on learning opportunities. They focus on accommodating the educational and career preparation needs of students, particularly students receiving special education services. Selection of Essential level courses should be done in consultation with the Head of Special Education.

OPEN COURSES

Open courses comprise a set of expectations that are appropriate for all students.

At the end of semester one, Grade 9 students will choose courses for Grade 10. Grade 10 courses will prepare students in specific ways for Grade 11 and 12 and for what they want to do when they finish secondary school. Students should think of Grade 11 and 12 courses as the pathways to post secondary destinations. Many of these courses will require students to have successfully completed a particular course in Grade 10 (a "prerequisite"), so students should ensure that the Grade 10 courses they want will get them into the senior courses that they need.

FACTORS TO CONSIDER WHEN CHOOSING ACADEMIC OR APPLIED
Grade 9 & 10

FACTOR	ACADEMIC	APPLIED	ESSENTIAL
ACHIEVEMENT	meets or exceeds provincial standard*	meets or approaches provincial standard*	approaches provincial standard*
NEED / FUTURE PLANS	university, college or apprenticeship other post-secondary training workplace	apprenticeship workplace some college programs	Workplace some apprenticeship programs

* The Provincial Standard is Level 3

The decision of which level to choose is an important one. It should be done in consultation with the parents, student and the grade 8 teacher.

GRADES 11 AND 12

Grade 11 & 12 courses are organized into types according to the student's intended post-secondary destination. Students may choose university (U), university/college (M), college (C), or workplace (E) courses. Open courses are also offered. Open courses are not linked to any specific post-secondary destination. They are appropriate for all students. Students making course selections in grade 10 must be mindful of the prerequisites for grade 11 courses.

UNIVERSITY PREPARATION

Courses are designed to prepare students for university programs and related careers. Theoretical aspects of the course will be emphasized, but concrete applications will be included. Students will demonstrate their development of independent research and learning skills.

UNIVERSITY/COLLEGE PREPARATION

These courses include relevant content for students bound for either destination. Theoretical aspects and concrete applications will be emphasized. Students will demonstrate their development of independent research and learning skills.

COLLEGE PREPARATION

These courses are designed to equip students with the knowledge and skills for entry into college programs. Critical-thinking, problem-solving skills and concrete applications of the course material will be emphasized. Students will demonstrate their development of independent research and learning skills.

WORKPLACE PREPARATION

These courses are designed to equip students with the knowledge and skills they need for entry into the workplace, apprenticeship programs or other training programs. Workplace applications of the course will be emphasized, but the underlying theoretical material will also be explored. Students will be required to demonstrate independent research and learning skills. The importance of lifelong learning will be stressed.

OPEN COURSES

These courses are not designed with a specific post-secondary destination in mind. Knowledge and skills in a subject area are broadened. The subject may or may not be related to a student's post-secondary goals. Their focus is on providing students with a broad educational base and equipping them for active and rewarding participation in society.

A: REGULAR GRADE 9 PROGRAM

The Grade 9 program will consist of both COMPULSORY and ELECTIVE courses. All Grade 9 students must take a full program of 8 courses. Grade 8 students will **register through MyBlueprint after December 8th 2017** in order to select their grade 9 courses.

GRADE 9 COMPULSORY COURSES - Students will take all of the following courses:

Issues in Canadian Geography	CGC1PG or CGC1P or CGC1D
English	ENG1LG or ENG1P or ENG1D
French *	FSF1P or FSF1D
Mathematics	MAT1LG or MFM1P or MPM1D
Science	SNC1LG or SNC1P or SNC1D

Students must take at least one Arts course:

Drama	ADA1O
Music	AMU1ON or AMU1O
Visual Arts	AVI1O or AWA1OG (for students with an IEP)

GRADE 9 ELECTIVE COURSES - Students must choose two elective courses:

Drama	ADA1O
Healthy Active Living	PPL1OX or PPL1OY
Introduction to Business	BBI1O
Learning Strategies	GLE1OG *
Music	AMU1ON or AMU1O
Technology - traditional or - cosmo/fashion	TIJ1O1 or TIJ1O2
Visual Arts	AVI1O or AWA1OG (for students with an IEP)

With the permission of the Principal, students choosing an Essential level program may substitute GLE1OG, Learning Strategies, for the compulsory French course.

FRENCH IMMERSION PROGRAM

The French Immersion program follows the Regular Grade 9 Program structure, but with 2 of the required courses taught in French. This will make up two of the 10 French Immersion courses needed to qualify for the French Immersion Certificate. In the 2018-2019 school year, the sequence will be as follows:

GRADE 9 FRENCH IMMERSION 2018-2019 COMPULSORY COURSES

Canadian History (in French)	CHC2DF
English	ENG1P or ENG1D
French Immersion	FIF1D
Mathematics	MFM1P or MPM1D
Science	SNC1P or SNC1D

Grade 9 French Immersion students must also choose one Arts course and 2 elective courses.

B: APP (ARTS PERFORMANCE PROJECT) PROGRAM

The Grade 9 Arts Performance Project will consist of both COMPULSORY and ELECTIVE courses. All Grade 9 students must take a full program of 8 courses.

GRADE 9 COMPULSORY COURSES

Students will take **all** of the following courses:

2 Arts Performance Credits (Integrated Arts and English)	FTEARTS
Issues in Canadian Geography	CGC1PG or CGC1P or CGC1D
French	FSF1P or FSF1D
Mathematics	MAT1LG or MFM1P or MPM1D
Science	SNC1LG or SNC1P or SNC1D

GRADE 9 ELECTIVE COURSES

Students must choose two elective courses:

Drama	ADA1O
Healthy Active Living	PPL1OX or PPL1OY
Introduction to Business	BBI1O
Learning Strategies	GLE1OG *
Music	AMU1ON or AMU1O
Technology - traditional - cosmo/fashion	TIJ1O1 or TIJ1O2
Visual Arts	AVI1O or AWA1OG (for students with an IEP)

Please note: There is a fee of \$150 and an application form for the Arts Performance Project.

Students should make these course selections **AND** complete the application form.

Under special circumstances and with principal permission, French may be substituted for Learning Strategies GLE1OG. Please speak with Guidance if this applies.

* Under special circumstances and with permission of the Principal, students may substitute GLE1OG, Learning Strategies, for the compulsory French course.

French Immersion students may also choose the Arts Performance Project. Students should select the 2 French immersion courses listed in the compulsory course list for grade 9.

C: HOCKEY SKILLS DEVELOPMENT PROGRAM

The Grade 9 Hockey Skills Development program will consist of both COMPULSORY and ELECTIVE courses. All Grade 9 students must take a full program of 8 courses.

GRADE 9 COMPULSORY COURSES

Students will take **all** of the following courses:

Two Hockey Skills Credits (Healthy Active Living and Canadian Geography)	FTEHOC (French Immersion: see below)
English	ENG1LG or ENG1P or ENG1D
French French Immersion	FSF1P or FSF1D FIF1D AND CHC2DF
Mathematics	MAT1LG or MFM1P or MPM1D
Science	SNC1LG or SNC1P or SNC1D

Students must take at least one Arts course:

Drama	ADA1O
Music	AMU1ON or AMU1O
Visual Arts	AVI1O or AWA1OG (for students with an IEP)

GRADE 9 ELECTIVE COURSES

Students must choose one elective course:

Drama	ADA1O
Introduction to Business	BBI1O
Learning Strategies	GLE1OG *
Music	AMU1ON or AMU1O
Technology - traditional - cosmo/fashion	TIJ1O1 or TIJ1O2
Visual Arts	AVI1O or AWA1OG (for students with an IEP)

* with permission of the Principal, students choosing an Essential level program may substitute GLE1OG, Learning Strategies, for the compulsory French course.

French Immersion students may also choose the Hockey Skills Program. French immersion students taking hockey skills will do an alternative, independent course to the CGC1D offered in the Hockey Skills bundle. Therefore, they can only choose 1 elective, an art credit.

Please note: There is a fee of \$300 and an application form for the Hockey Skills Development Program. Students should make these course selections **AND** complete the application form.

THE ARTS

DRAMATIC ARTS

ADA10 DRAMATIC ARTS, Open

1 credit in the Arts

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 examine 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.

MUSIC

AMU10 MUSIC - continuing, Open (Instrumental)

1 credit in the Arts

AMU10N MUSIC - new, Open (Instrumental)

1 credit in the Arts

This course emphasizes the creation and performance of music at a level consistent with previous experience and is aimed at developing technique, sensitivity, and imagination. 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 an understanding of the conventions and elements of music and of safe practices related to music, and will develop a variety of skills transferable to other areas of their life.

VISUAL ARTS

AVI10 VISUAL ARTS, Open

1 credit in the Arts

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

AWA10G VISUAL ARTS- Arts & Crafts, Essential Program

1 credit in the Arts

This course follows the same guidelines as AVI10, but the focus is Arts & Crafts. This course will focus on studio projects, exploring a variety of craft medium and techniques. The study of aesthetics, criticism and art history will be modified. This course is intended for students with Individual Education Plans (IEP).

APP ARTS PERFORMANCE PROJECT

1 credit in the Arts

FTEARTS

1 credit in English

This 2 credit program includes both English (ENG1D or 1P) and Integrated Arts (ALC10).

APP is an innovative, off site, performance-based Arts program designed for grade 9 students with a keen interest in the arts. Participants will explore the Performing Arts in a collaborative, non-traditional environment at the Drayton Festival Theatre. In this setting, students will have the opportunity to develop their personal artistic talents in theatre, music or dance. They will participate in a variety of workshops such as voice, movement, drumming, stage combat, publicity, and production technology with industry professionals and community mentors.

There is a fee of \$150 for this program to assist with transportation and special programming.

Applications for this exciting program are available on the Norwell website.

BUSINESS STUDIES

BBI10 INTRODUCTION TO BUSINESS, Open

1 credit in Business Studies

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

CANADIAN & WORLD STUDIES

CGC1PG ISSUES IN CANADIAN GEOGRAPHY, Essential Program 1 credit in Canadian Geography

This course focuses on geographic issues that affect Canadians today. Students will draw on personal and everyday experiences as they learn about Canada's distinct and changing character and the natural and human systems and global influences that shape the country. Students will use a variety of geotechnologies and inquiry and communication methods to examine practical geographic questions and communicate their findings

This course follows the same expectations as CGC1P, but the course is modified to meet the needs of an Essential level program.

CGC1P ISSUES IN CANADIAN GEOGRAPHY, Applied 1 credit in Canadian Geography

This course focuses on geographic issues that affect Canadians today. Students will draw on personal and everyday experiences as they learn about Canada's distinct and changing character and the natural and human systems and global influences that shape the country. Students will use a variety of geotechnologies and inquiry and communication methods to examine practical geographic questions and communicate their findings.

CGC1D ISSUES IN CANADIAN GEOGRAPHY, Academic 1 credit in Canadian Geography

This course explores Canada's distinct and changing character and the geographic systems and relationships that shape it. Students will investigate the interactions of natural and human systems within Canada, as well as Canada's economic, cultural, and environmental connections to other countries. Students will use a variety of geotechnologies and inquiry and communication methods to analyse and evaluate geographic issues and present their findings.

CHC2DF HISTORIE du CANADA DUPUIS LA PREMIERE GUERRE MONDIALE, Academic

Prerequisite: None

1 credit in Canadian History

This course explores the local, national, and global forces that have shaped Canada's national identity from World War I 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.

This course is similar to CHC2D except the language of instruction is French. This course is offered in alternate years. It will be offered in the 2018-2019 school year. French Immersion students will take Geography in 2019-2020.

HOCKEY SKILLS PROGRAM

1 credit in Health & Phys. Ed

FTEHOC

1 credit in Canadian Geography

This 2 credit program includes both Issues in Canadian Geography (Applied or Academic) and Healthy Active Living, (Open level) Students will have the opportunity to be on the ice for up to 5 hours a week with professional instruction and will meet the curriculum expectations of both courses in one semester. There is a fee of \$300 for this program to assist with transportation and special programming. Applications are available on the Norwell website.

ENGLISH

ENG1LG ENGLISH, Essential Program 1 credit in English

This course provides foundational literacy and communication skills to prepare students for success in their daily lives, in the workplace, and in future English courses. The course is organized by strands that develop listening and talking skills, reading and viewing skills, and writing skills. In all strands, the focus is on developing foundational literacy skills and in using language clearly and accurately in a variety of authentic contexts. Students develop strategies and put into practice the processes involved in talking, listening, reading, viewing, writing, and thinking, and reflect regularly upon their growth in these areas.

ENG1P ENGLISH, Applied

1 credit in English

This course is designed to develop the key oral communication, reading, writing, and media literacy skills students need for success in secondary school and daily life. Students will read, interpret, and create a variety of informational, literary, and graphic texts. An important focus will be on identifying and using appropriate strategies and processes to improve students' comprehension of texts and to help them communicate clearly and effectively. The course is intended to prepare students for the Grade 10 applied English course, which leads to college or workplace preparation courses in Grades 11 and 12.

ENG1D ENGLISH, Academic

1 credit in English

This course is designed to develop the oral communication, reading, writing, and media literacy skills that students need for success in their secondary school academic programs and in their daily lives. Students will analyse literary texts from contemporary and historical periods, interpret informational and graphic texts, and create oral, written, and media texts in a variety of forms. An important focus will be on the use of strategies that contribute to effective communication. The course is intended to prepare students for the Grade 10 academic English course, which leads to university or college preparation courses in Grades 11 and 12.

FTEARTS ARTS PERFORMANCE PROJECT, Open

1 credit in English

This 2 credit program includes both English (Applied or Academic) and Integrated Arts, 1 credit in the Arts Open level.

FRENCH as a SECOND LANGUAGE**CORE FRENCH****FSF1P FRENCH - Core, Applied**

1 credit in French

This course emphasizes the concurrent development of oral communication, reading, and writing skills, using a broad-based theme such as the media. Students will enhance their ability to understand and speak French through conversations, discussions, and presentations. They will also read short stories, articles, poems, and songs, and write brief descriptions, letters, dialogues, and invitations.

FSF1D FRENCH - Core, Academic

1 credit in French

This course emphasizes the further development of oral communication, reading, and writing skills. Students will build on and apply their knowledge of French while exploring a variety of themes, such as relationships, social trends, and careers. Thematic readings, which include a selection of short stories, articles, and poems, will serve as stepping stones to oral and written activities.

FRENCH IMMERSION PROGRAM**FIF1D FRENCH for French Immersion students, Academic**

1 credit in French

This course enables students to enhance their knowledge of the French language and to further develop their language skills through the study of twentieth-century North American francophone literature and culture. Students will participate in oral communication, reading, and writing activities as they study an authentic novel and selected authentic poems, legends, songs, films, and newspaper articles from French-speaking parts of North America. Prerequisite: Minimum of 3800 hours of instruction in French, or equivalent. A student cahier may be purchased at a cost of \$10.

CHC2DF HISTORIE du CANADA DUPS LA PREMIERE GUERRE MONDIALE, Academic**Prerequisite:** None

1 credit in Canadian History

This course explores the local, national, and global forces that have shaped Canada's national identity from World War I 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.

This course is similar to CHC2D except the language of instruction is French. This course is offered in alternate years. It will be offered in the 2018-2019 school year. French Immersion students will take Geography in 2019-2020.

GUIDANCE & CAREER EDUCATION

GLE1OG LEARNING STRATEGIES 1 - SKILLS FOR SUCCESS IN SECONDARY SCHOOL,

Essential Program

1 credit in Guidance and Career Education

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

Students selecting GLE1OG will have their selection reviewed and approved by student services. This course is intended for students who require additional academic support.

Prerequisite: Recommendation of principal

HEALTH & PHYSICAL EDUCATION

Welcome to the world of healthy, active living. Participation in physical education courses requires proper gym attire. This will consist of T-shirts and shorts in school colours, sport socks and proper running shoes which can be tied up tightly.

PPL10X (female) HEALTHY ACTIVE LIVING, Open

1 credit in Health & Phys. Ed.

PPL10Y (male)

This course emphasizes regular participation in a variety of enjoyable physical activities that promote lifelong healthy active living. Students will learn movement skills and principles, ways to improve personal fitness and physical competence, and safety and injury prevention. They will investigate issues related to healthy sexuality and the use and abuse of alcohol, tobacco, and other drugs, and will participate in activities designed to develop goal-setting, communication, and social skills.

FTEHOC HOCKEY SKILLS PROGRAM, Open

1 credit in Canadian Geography

1 credit in Health & Phys. Ed.

This 2 credit program will cover the curriculum of both Grade 9 Healthy Active Living (PPL10) and Issues in Canadian Geography (CGC1D or CGC1P). Both of these courses will count as compulsory credits towards the OSSD. The focus in Healthy Active Living will be hockey through on and off ice skills development. Students will have the opportunity to be on the ice for up to 5 hours a week with professional instruction. There is a fee of \$300 for students taking this program to assist with the costs of ice time and transportation. Although this program is designed to assist all levels of hockey players, a minimum competency is required. Students must have their own equipment including a helmet with face guard and a neck protector. Applications for this exciting program are available on the Norwell website.

MATHEMATICS

MAT1L FOUNDATION OF MATHEMATICS, Essential

This course leads to MAT2LG.

1 credit in Mathematics

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

MFM1P FOUNDATION OF MATHEMATICS, Applied

This course leads to MFM2P.

1 credit in Mathematics

This course enables students to develop an understanding of mathematical concepts related to introductory algebra, proportional reasoning, and measurement and geometry through investigation, the effective use of technology, and hands-on activities. Students will investigate real-life examples to develop various representations of linear relations, and will determine the connections between the representations. They will also explore certain relationships that emerge from the measurement of three-dimensional figures and two-dimensional shapes. Students will consolidate their mathematical skills as they solve problems and communicate their thinking.

MPM1D PRINCIPLES OF MATHEMATICS, Academic

This course enables students to develop an understanding of mathematical concepts related to algebra, analytic geometry, and measurement and geometry through investigation, the effective use of technology, and abstract reasoning. Students will investigate relationships, which they will then generalize as equations of lines, and will determine the connections between different representations of a linear relation. They will also explore relationships that emerge from the measurement of three-dimensional figures and two-dimensional shapes. Students will reason mathematically and communicate their thinking as they solve multi-step problems.

SCIENCE**SNC1L SCIENCE, Essential Program**

1 credit in Science

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

SNC1P SCIENCE, Applied

1 credit in Science

This course enables students to develop their understanding of basic concepts in biology, chemistry, earth and space science, and physics, and to apply their knowledge of science to everyday situations. They are also given opportunities to develop practical skills related to scientific investigation. Students will plan and conduct investigations into practical problems and issues related to the impact of human activity on ecosystems; the structure and properties of elements and compounds; space exploration and the components of the universe; and static and current electricity.

SNC1D SCIENCE, Academic

1 credit in Science

This course enables students to develop their understanding of basic concepts in biology, chemistry, earth and space science, and physics, and to relate science to technology, society, and the environment. Throughout the course, students will develop their skills in the processes of scientific investigation. Students will acquire an understanding of scientific theories and conduct investigations related to sustainable ecosystems; atomic and molecular structures and the properties of elements and compounds; the study of the universe and its properties and components; and the principles of electricity.

TECHNOLOGICAL EDUCATION**TIJ101 EXPLORING TECHNOLOGIES, Traditional, Open**

1 credit in Technology

This course enables students to further explore and develop technological knowledge and skills introduced in the elementary science and technology program. Students will be given the opportunity to design and create products and/or provide services related to the various technological areas or industries, working with a variety of tools, equipment, and software commonly used in industry. Students will develop an awareness of environmental and societal issues, and will begin to explore secondary and postsecondary education and training pathways leading to careers in technology-related fields.

The focus of this course is traditional shops. Students will have experience in transportation, small engines, manufacturing, construction, technical design or communications.

TIJ102 EXPLORING TECHNOLOGIES, Cosmetology / Fashion, Open

1 credit in Technology

This course enables students to further explore and develop technological knowledge and skills introduced in the elementary science and technology program. Students will be given the opportunity to design and create products and/or provide services related to the various technological areas or industries, working with a variety of tools, equipment, and software commonly used in industry. Students will develop an awareness of environmental and societal issues, and will begin to explore secondary and postsecondary education and training pathways leading to careers in technology-related fields.

Cosmetology and Fashion: This course will be divided into two parts. Students will study cosmetology for one term and fashion for one term. Semesters are made up of 2 terms.