


2023-2024 Course Selection Guide

SOUTH COLCHESTER ACADEMY


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MESSAGE TO STUDENTS

Students are encouraged to review and discuss course selections with parents/guardians prior to submitting their courses for registration. Students and parents/guardians will be able to view the students' requests using their Power School accounts. Upon request a copy of the students' course requests will be printed and sent home.

Students are advised to read this document carefully in order to make informed choices for their academic future. It is critical that all selections made by students reflect graduation requirements, personal interests, and post-secondary admissions requirements.

Please note: While care has been taken in the preparation of this guide to provide students and parents/guardians with accurate and relevant information, any need for clarification and/or interpretation is available through Student Services.

PLANNING YOUR PROGRAM

1. Prior to registration carefully consider career goals and the educational requirements necessary to achieve them. Select the courses and level of difficulty that will enable you to achieve these objectives.

2. Plan your program with a view to the future. Some subjects such as Math, Physics, and French have prerequisites. If a course has a prerequisite, it is listed in the course description.

3. Occasionally, it is necessary to cancel a proposed course due to insufficient enrollment, safety, space or other factors. The school reserves the right to not offer a course described in this booklet should unforeseen circumstances arise.

4. It is your responsibility to plan a program that best satisfies your future plans. Care should be taken in the choice of subjects to ensure that you meet the entrance requirements of the post-secondary institution or career path of your choice. If you are unsure of your course selection for next year, check with the school counsellor or registrar prior to registration.

Begin with the End in Mind

Check out **ADMISSION REQUIREMENTS** for post secondary to ensure you are picking the right high school courses!
Links to few below:

NSCC How to Apply? Click HERE

ACADIA How to Apply? Click HERE

DALHOUSIE How to Apply? Click HERE

MSVU How to Apply? Click HERE

STFX How to Apply? Click HERE

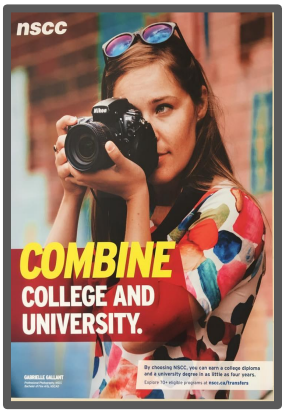
SMU How to Apply? Click HERE

COMMERCIAL SAFETY COLLEGE
Click HERE

MTA How to Apply? Click HERE

MUN How to Apply? Click HERE

UNB How to Apply? Click HERE



NSCC Articulation Agreements? Click HERE

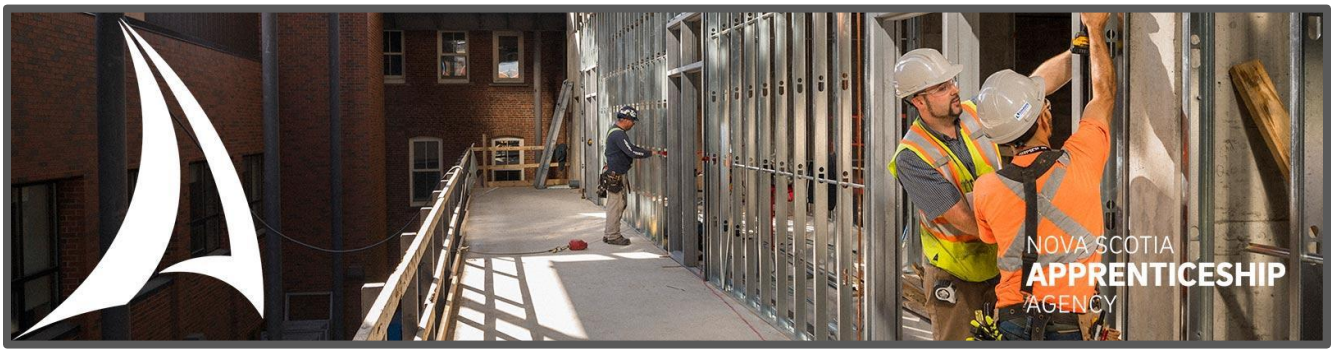
Jane Norman College? Click HERE

Top quality education right here at home!

DALHOUSIE UNIVERSITY
Inspiring Minds
Faculty of Agriculture

Agricultural Business (BSc Agr)
Agricultural Economics (BSc Agr)
Animal Science (BSc Agr)
Aquaculture (BSc Agr)
Bioveterinary Science (BSc)
Engineering (First Two Years)
Environmental Sciences (BSc Agr)
Integrated Environmental Management (BSc Agr)
International Food Business (BAgr)
Landscape Architecture (B.Tech)
Plant Science (BSc Agr)
Pre-Veterinary Medicine
Small Business Management (B.Tech)

All BSc Agr, as well as the BSc Bioveterinary Science program, are available in Honours. Please refer to the **Academic Calendar** for details.



Nova Scotia Apprenticeship Agency? Click HERE

After graduation options are available for learners who have or may have had challenges demonstrating competency in areas such, but not limited to, the development of academic, social and/or independent living skills.

Achieve

Learn the skills you need to prepare for your future education, employment and participating in your community.

Start Date:
September

Typical Length:
1 Year

Credential:
Certificate of Completion

Apply Now

NSCC Achieve Program Click HERE

- There is no application fee for the Achieve Program.
- There are no tuition costs or student fees for participants and graduates of the program will receive a Certificate of Completion (non-credit).
- **Applicants have or may have had, challenges demonstrating competency in areas such, but not limited to, the development of academic, social and/or independent living skills.**
- Program participants are responsible for transportation to and from the program.
- The Achieve Program is offered by NSCC with funding from the Federal government, province of Nova Scotia and Regional Centres for Education.

For learners with intellectual disabilities:

Click HERE for more information on STEPs.

Located at 168 Arthur Street, Truro, Nova Scotia. The Colchester Community Workshops provides service to adults with intellectual disabilities.

They offer a wide variety of programs to their clients to help enhance their lives through “vocational skills development and personal growth”.

NOVA SCOTIA

Information Item

CREDITS FOR GRADUATION DIPLOMA FOR 2024

These requirements apply to any student earning the 2023 Nova Scotia High School Graduation Diploma.

Students require a minimum of 18 credits to graduate. No more than seven of the 18 credits may be for grade 10 courses, and at least five must be for grade 12 courses.

The following are compulsory credits for graduation:

Language, Communication, and Expression
❖ 3 language arts, one at each grade level
❖ 1 arts: dance, drama, music, or visual arts

Science, Mathematics, and Technology
❖ 3 mathematics (one credit at each grade level)
❖ 2 science: one from Science 10, biology, chemistry, or physics, and one other approved science course
❖ 1 other from science or technology: eligible courses can be found in the Public School Programs (PSP) within the categories of Sciences; Skilled Trades; Technology Education; and Technology Integration and ICT Courses.

Personal Development and Society

❖ 1 physical education: eligible credits include Physical Education 10, 11 & 12, Dance 11, Fitness Leadership 11, Physically Active Living 11, Yoga 11, and Exercise Science 12
❖ 1 Canadian history: African Canadian Studies 11; Canadian History 11; Gaelic Studies 11; Études acadiennes 11 and Mi'kmaq Studies 10
❖ 1 global studies: Global Geography 12, Advanced Global Geography 12, Global History 12, Advanced Global History 12, Global Politics 12, and Advanced Global Politics 12

Within the 18 course requirements for a graduation diploma, in most cases, no student may receive credit for two courses in the same specific subject area at the same grade level. There are a few exceptions: these include Co-op courses and Language Arts with a Canadian Literature course.

Notes

- As a graduation requirement starting in 2020, students are required to successfully complete three high school mathematics courses, one at each grade level (10, 11, and 12). This means that students who started grade 10 as of **September 2017** are required to successfully complete three mathematics courses as noted. Students who started grade 10 prior to September 2017 are required to successfully complete two mathematics courses to graduate, one from grade 10 and another.
- Individual Program Plans (IPPs) approved by the school board for students with special needs are recognized for credit.

- Locally developed courses approved by the department are recognized as credit courses and count toward a High School Graduation Diploma Credits for a Graduation Diploma.

- Although the minimum number of credits required for graduation is 18, it is recommended that schools develop schedules that allow students to complete 20, 21, or even 24 credits. Schedules should be designed to meet student needs, interests, and abilities.

- To be eligible for the French immersion certificate, students must have been enrolled in an early or late French immersion program before entering high school and meet all the requirements of the certificate as outlined in the Program Policy for French Second Language Programs here: https://www.ednet.ns.ca/dpslf/files-dpslf/docs/french_immersion_certificate_en.pdf

- To be eligible for the Integrated French Certificate, students must have been enrolled in an early or late French immersion program before entering high school and meet all the requirements as outlined here: https://www.ednet.ns.ca/dpslf/files-dpslf/integrated_french_certificate_2021-10-14_en.pdf

- For information on Personal Development Credits please refer to https://www.ednet.ns.ca/cbl/personal-development-credits.

For additional information please contact:

Dr. Chris Boulter
Executive Director Education Innovation, Programs and Services
Education and Early Childhood Development
PO Box 578
Halifax NS
B3J 2S9
Phone (902) 424–2461

It is ultimately the responsibility of each student to make sure that he/she takes the necessary courses to meet graduation requirements. If a student is unsure of his/her course selection for next year then check with the school counsellor or the Registrar prior to registration.

The above are minimum requirements for graduation and may not be sufficient for a student to meet entrance requirements for some post-secondary institutions or career paths.

CREDIT SYSTEM

A credit is awarded to students who have successfully completed an approved course that would normally be completed in a minimum of 110 hours of scheduled class time (usually 1 semester). Courses are identified by course title, grade level, credit type, and credit value. Some courses are compulsory in order to receive a High School Graduation Diploma, while others are optional.

CREDIT TYPES

Each course is categorized as one of the following credit types:

Advanced – These courses are designed for students who have demonstrated an exceptional degree of academic ability or achievement.

Academic - These courses are designed for students who expect to enter college, university, or other post-secondary institutions.

Open - Although none of these courses are designed to meet the specific entrance requirements of any post-secondary institution, individual courses may meet entrance requirements of some institutions.

Graduation - These courses are designed for students who wish to obtain a graduation diploma with plans to go directly into the workforce or some selected area of post-secondary study (NSCC).

COURSE LOAD

Grade 10 students must enroll in 8 courses.

Grade 11 students Students who have received 7 or more credits in grade 10 may request one preparation period (study/library period) and enroll in 7 courses. Students must be in good academic standing and demonstrate good attendance in order to maintain the privilege of a preparation period.

Grade 12 students Students who have received 14 or more credits in grade 10 and 11 may request two preparation periods (study/library periods). Students must be in good academic standing and demonstrate good attendance in order to maintain the privilege of a preparation period.

Students requiring 4 or fewer courses to complete graduation requirements may enroll as a full-time student for one semester or as a part-time student for the full academic year upon obtaining permission from the Principal.

- A grade 12 student may take a reduced course load of 2 courses in Semester 2 of their final year if the following conditions are met:
    - The student must have achieved a minimum of 17 credits
    - Parent's/guardian's permission must be received by the school in writing
    - Principal's permission must be granted

Graduates Returning to Upgrade do not require a minimum number of courses in which to register.

COURSE CHANGES

Course selections made in the spring for the next academic year are generally considered final.

Course changes may not be made unless:

1. The scheduling process has resulted in an incomplete schedule
2. A course and its prerequisite are in reverse order on a student's schedule
3. A course is scheduled for which a credit has already been granted
4. Student's request was not granted due to conflict with other courses
5. A potential graduate lacks a required course to complete graduation requirements, such as a fine arts credit
6. A student is scheduled in a course without the recommended prerequisite course
7. A potential graduate is able to complete graduation requirements in a single semester
8. Student's post-secondary plans have changed

There will be days scheduled in late August for students to come to the school and make necessary course changes. Check the website in August for dates.

ADDING AND DROPPING COURSES

Students/ guardians are encouraged to review the CCRCE Reporting Calendar to confirm add/drop course deadlines.

A student in grades 10 to 12 may:

a) Add a course before the end of the eighth school day from the beginning of each semester (within the second week). These dates will vary each year and will be posted at the start of the school year.

b) Drop a course by the end of the day on Friday of the week midterm reports are sent home (November and April) without withdraw (WD) being shown on transcript: As mentioned above, these dates will be posted at the beginning of each year.

c) Drop a course from the Monday following midterm report week, to the end of the day on Friday five weeks later. However, a withdraw (WD) will be shown on the transcript. For semester one, this will usually be just prior to Christmas Break and in semester two it is close to the long weekend in May. As mentioned above, these dates will be posted at the beginning of each year.

HONOURS WITH DISTINCTION CRITERIA

GRADE 12

In order to receive Honours with Distinction, you must have an average of 90% in five grade 12 credits (in any school year) including academic or advanced English 12, with no mark in the five credits below 80%. Students will not have any mark below 60% in the current school year.

GRADE 11

In order to receive Honours with Distinction, you must have an average of 90% in five grade 11 or 12 credits (no matter the year they were taken), including academic or advanced English 11, with no mark in the five credits below 80%. Students will not have any mark below 60% in the current school year.

GRADE 10

In order to receive Honours with Distinction, you must have an average of 90% in five grade 10, 11 or 12 courses, including academic English 10, with no mark in the five **courses** below 80%. Students will not have any mark below 60% in the current school year.

** Math 10 can only be considered as one course*

HONOURS CRITERIA

GRADE 12

In order to receive Honours, you must have an average of 80% in five grade 12 credits (in any school year), with no mark in the five credits below 70%. Students will not have any mark below 60% in the current school year.

GRADE 11

In order to receive Honours, you must have an average of 80% in five grade 11 or 12 credits (no matter the year they were taken), with no mark in the five credits below 70%. Students will not have any mark below 60% in the current school year.

GRADE 10

In order to receive Honours, you must have an average of 80% in six grade 10, 11 or 12 credits, with no mark in the five **courses** below 70%. Students will not have any mark below 60% in the current school year.

** Math 10 can only be considered as one course*

2023-2024
Course List

2023-2024 Course Offerings

ADVANCED LEVEL CREDITS		
GRADE 10	**GRADE 11**	**GRADE 12**
	ADVANCED ENGLISH 11 PRE-CALCULUS 11	ADVANCED ENGLISH 12 CALCULUS 12 PRE-CALCULUS 12
ACADEMIC LEVEL CREDITS		
ENGLISH 10 EXPLORING TECHNOLOGY 10 INTEGRATED FRENCH 10 MATHEMATICS 10 MUSIC 10 SCIENCE 10	AFRICAN CANADIAN STUDIES 11 BIOLOGY 11 CANADIAN HISTORY 11 CHEMISTRY 11 DANCE 11 DESIGN 11 DRAMA 11 ENGLISH 11 ENTREPRENEURSHIP 11 FITNESS LEADERSHIP 11 INTEGRATED FRENCH 11 MATHEMATICS 11 MI'KMAW 11 OCEANS 11 PHYSICS 11 VISUAL ARTS 11 YOGA 11	BIOLOGY 12 CHEMISTRY 12 COMMUNICATIONS TECH 12 COOPERATIVE ED 12 ENGLISH 12 ENTREPRENEURSHIP 12 EXERCISE SCIENCE 12 FILM & VIDEO PRODUCTION 12 GEOGRAPHIE PLANETAIRE 12 GLOBAL HISTORY 12 GLOBAL GEOGRAPHY 12 HOUSING AND DESIGN 12 INTEGRATED FRENCH 12 LAW 12 LEADERSHIP 12 MATHEMATICS 12 MULTIMEDIA 12 PHYSICS 12 SOCIOLOGY 12 VISUAL ARTS 12
OPEN LEVEL CREDITS		
CONSTRUCTION TECHNOLOGY 10 LEARNING STRATEGIES 10 PHYSICAL EDUCATION 10	HEALTH & CAREER EXPLORATION 11 LEARNING STRATEGIES 11 PHYSICALLY ACTIVE LIVING 11	CANADIAN FAMILIES 12 INDEPENDENT LIVING 12 LEARNING STRATEGIES 12 PHYSICAL EDUCATION 12 PRODUCTION TECH 12
GRADUATION LEVEL CREDITS		
MATH AT WORK 10 MATH ESSENTIALS 10	ENGLISH COMMUNICATIONS 11 HUMAN BIOLOGY 11 MATH ESSENTIALS 11 MATH AT WORK 11	ENGLISH COMMUNICATIONS 12 MATH AT WORK 12 MATH ESSENTIALS 12

***Course offerings will be subject to registration numbers and timetable limitations**

ENGLISH

Students require THREE English credits (one at each grade level) in order to graduate:

GRADE 10: ENG 10
GRADE 11: ENG11/ADV OR ECM11
GRADE 12: ENG12/ADV OR ECM12

ENGLISH 10 (Academic, 1 credit)
English 10 offers learners an opportunity to consolidate their learning from their junior high years before they specialize in grade 11. The English 10 classroom offers abundant opportunities for students to read widely, to write frequently, to explore a wide range of print and visual texts, to work independently as well as collaboratively in small groups, and to design learning tasks that are of particular interest to them.

ENGLISH COMMUNICATIONS 11 (Graduation, 1 credit)
Prerequisite: English 10

English Communications (ECM) courses at both 11 and 12 grade levels are intended for students who are not university-bound but who may choose to go to a post-secondary school such as Nova Scotia Community College.

The course is intended for students who may need additional support in their development as readers, writers, and language users. English Communications courses are intended to prepare students for lifelong learning by engaging them in practical and interesting learning experiences closely related to their lives and to the world they will experience as adults. These courses are based on the interests and abilities of the students and provide support to meet their individual and diverse learning needs. The focus is on developing language skills necessary for the workplace. Students will work in small group and whole class settings that help develop their speaking and listening skills. They will read widely in their interest areas and create both written and visual texts to improve their reading and writing skills. There is flexibility within the ECM program to allow students to move to academic courses when it is deemed appropriate.

ENGLISH 11 (Academic, 1 credit)
Prerequisite: English 10

English 11 is intended for students whose goals might include post-secondary study. While this course emphasizes literary texts, students are provided opportunities to select their own texts for independent study and small-group inquiry. In designing learning experiences, teachers consider ways students can extend their knowledge base, thinking processes, learning strategies, self-awareness, and insights. Students will be required to write essays in MLA format and do critical responses of issues and discussions. Learning experiences should enable students to: study and analyze sophisticated texts and issues, be critical thinkers,write essays to demonstrate the ability to discuss and support an idea, and use oral language to communicate in a variety of situations. The course also provides opportunities to explore other written forms and to develop the skills necessary for English 12 Academic.

ADVANCED ENGLISH 11 (Advanced, 1 credit)
Prerequisite: English 10

Advanced English 11 is an intensive program of study that offers a challenging curriculum for self-motivated students with a passion for language and literature. It is designated to deepen and broaden knowledge in English Language Arts, as well as to finely hone skills, and foster initiative, risk taking, independence, responsibility, and leadership. Students will be required to write essays in MLA format and do critical responses of issues and discussions. Advanced English 11 is characterized by additional content and curriculum outcomes that expand and extend learning in both theoretical and applied aspects of the subject area. Learning experiences focus on in-depth treatment of selected topics, independent learning and reflection, extended research projects, and interrelated learning experiences.

ENGLISH COMMUNICATIONS 12 (Graduation, 1 credit)
Prerequisite: English 11 or English Communications 11

English/Communications courses are intended for students who may need additional support in their development as readers, writers, and language users. English/Communications courses are intended to prepare students for lifelong learning by engaging them in practical and interesting learning experiences closely related to their lives and to the world they will experience as adults. These courses focus on developing language skills necessary for the workplace.

ENGLISH 12 (Academic, 1 credit)
Prerequisite: English 11, English 11 Adv.

English 12 is intended for students whose goals include post-secondary study. While this course emphasize literary texts (novels, short stories, articles, etc), students are provided opportunities to select their own texts for independent study and small-group inquiry. Students will be required to write essays in MLA format and do critical responses of issues and discussions. In designing learning experiences, teachers consider ways that students can extend their knowledge base, thinking processes, learning strategies, self-awareness, and insights. Students are provided opportunities to use the curriculum outcomes framework to design their own learning experiences that they may undertake individually or with learning partners.

- Learning experiences enable students to study and give detailed accounts of complex and sophisticated texts and issues
- Be perceptive and analytical in making sophisticated adult judgments
- Be critical readers of literary texts
- Be critical viewers
- Express themselves precisely when writing for often complex purposes
- Be capable editors of their own and others' writing
- Communicate confidently and effectively in the formal style and language required by some situations
- Demonstrate control of language processes

ADVANCED ENGLISH 12 (Advanced, 1 credit)
Prerequisite: English 11

Advanced English 12 is an intensive program of study reflecting higher expectations than English 12. It offers a challenging curriculum for self-motivated students with a passion for language, literature,and learning. It is designed to broaden knowledge, hone skills, and foster initiative, risk-taking, and responsibility. These attributes are developed in an environment that promotes both independent and collaborative learning. Advanced English 12 is characterized by enriched content and extended curriculum outcomes. Students will be required to write essays in MLA format and do critical responses of issues and discussions. Learning experiences focus on in-depth treatment of selected topics and sophisticated texts, independent learning and reflection, extended research projects,creation of texts, and interrelated learning experiences. This course is an extension of Advanced English 11, and preparation for further post-secondary study. **Because of the academic rigor, it is strongly recommended that students have successfully completed Advanced English 11.**

MATH

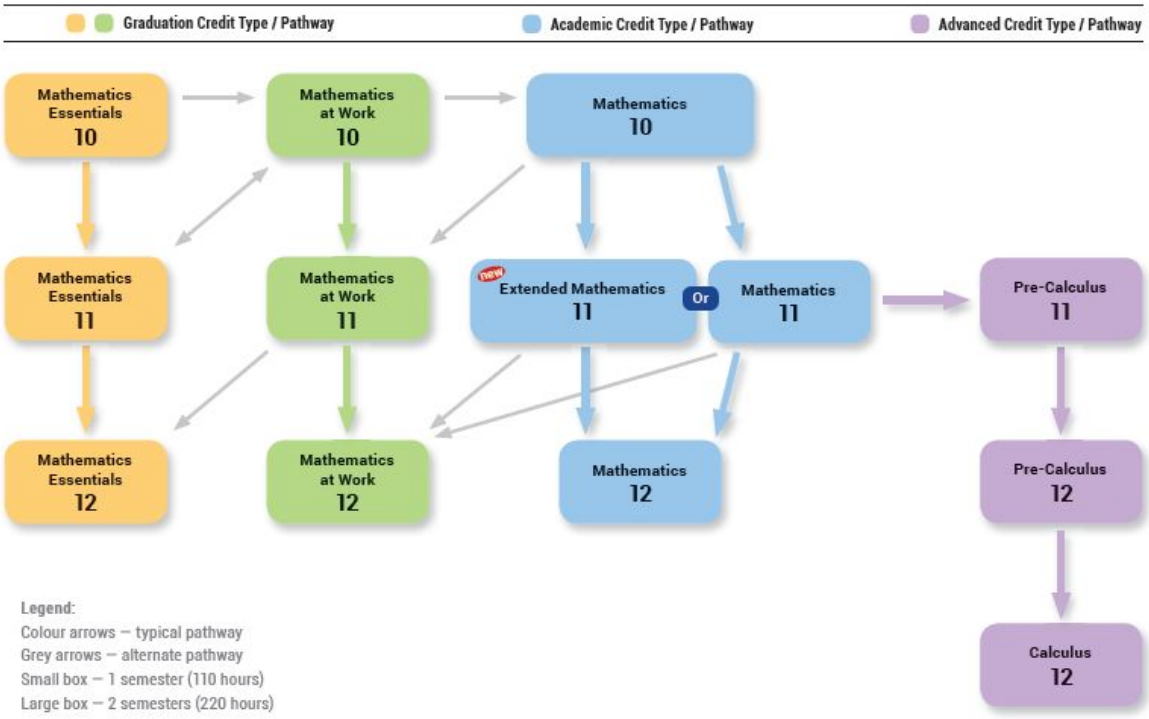
Students require THREE Math courses (one at each grade level) to graduate:

GRADE 10: MT10 or MTW10 or MT10ESS
GRADE 11: PCAL 11 or MT11 or MTW11 or MT11ESS
GRADE 12: CALC12 or PCAL12 or MT12 or MTW12 or MT12ESS

Senior High Mathematics
Course Pathways

NOVA SCOTIA

Effective: 2017–18 School Year



Math requirements for different career pathways

Use this table to help in your decisions. If you are ...	Grade 10	Grade 11	Grade 12
A student intending further study in science, math, engineering, computer programming or many medical fields that involve an intensive level of mathematics, **take**	Mathematics 10 (Academic level)	Mathematics 11 (Academic) Pre-Calculus 11 (Academic)	Pre-Calculus Mathematics 12 and Calculus 12
A student intending further study in areas that require a math base such as many business programs, kinesiology, many health fields (as required by many programs at universities and community colleges), **take**	Mathematics 10 (Academic level)	Mathematics 11 (Academic level) Extended Math 11 (Academic level)	Mathematics 12 (Academic level)
A student intending further study not requiring Math preparatory courses or entering the job market, **AND** who has struggled with Math **take** ..... ***Note:** This Math meets admission requirements for most colleges unless a Math is required. This Math will not prevent students going into many university programs unless a specific Math is required. **Please check with Institutions.**	Mathematics at Work 10 (Graduation Level)	Mathematics at Work 11 (Graduation Level)	Mathematics at Work 12 (Graduation Level) (Optional)
A student intending to enter the job market, or further study not requiring the Math preparatory courses, **AND** who has had difficulty successfully completing Math courses in the past, **take** ..... ***Note:** This Math meets admission requirements for most colleges unless a Math is required.	Mathematics Essentials 11 (Graduation Level)	Mathematics Essentials 11 (Graduation Level)	Mathematics Essentials 12 (Graduation Credit) ***This course cannot be counted as one of the required Math courses)**

MATHEMATICS ESSENTIALS 10 (Graduation, 1 credit, 110 hours)

Mathematics Essentials 10 is an introductory high school mathematics course designed for students who do not intend to pursue post-secondary study or who plan to enter programs that do not have any mathematics prerequisites.
Mathematics Essentials courses are designed to provide students with the development of the skills and understandings required in the workplace, as well as those required for everyday life at home and in the community. Students will become better equipped to deal with mathematics in the real world and will become more confident in their mathematical abilities.

The typical pathway for students who successfully complete Mathematics Essentials 10 is Mathematics Essentials 11 followed by Mathematics Essentials 12.

Students in Mathematics Essentials 10 will explore the following topics:
Mental math, working and earning, deductions and expenses, paying taxes, making purchases, buying decisions, probability, measuring and estimating, transformation and design, and buying/leasing a car.

MATHEMATICS AT WORK 10 (Graduation, 1 credit, 110 hours)

Mathematics at Work 10 is an introductory high school mathematics course which demonstrates the application and importance of key math skills.
The Mathematics at Work courses are designed to provide students with the mathematical understandings and critical-thinking skills identified for direct entry into the workforce or for entry into programs of study that do not require *academic* mathematics.

The typical pathway for students who successfully complete Mathematics at Work 10 is Mathematics at Work 11 followed by Mathematics at Work 12. Some students who successfully complete Mathematics at Work 10 may choose to take Mathematics Essentials 11 followed by Mathematics Essentials 12.

Students in Mathematics at Work 10 will explore the following topics:
Measurement, area, Pythagorean theorem, trigonometry, geometry, unit pricing and currency exchange, income, and basic algebra.

MATHEMATICS 10 (Academic, 2 credits, 220 hours)

Prerequisite: Satisfactory achievement of learning outcomes in grade 9 mathematics.

This will mean that students will have mathematics class every day for their grade 10 year. Mathematics 10 is an academic high school mathematics course which is a prerequisite for all other academic and advanced mathematics courses. Students who select Mathematics 10 should have a solid understanding of mathematics from their junior high years. This means that students would have demonstrated satisfactory achievement of learning outcomes in grade 9 mathematics.

Note: Mathematics 10 is a two-credit course. **Upon successful completion of the course in June**, students receive one Math and one elective credit (not one credit in January and one in June).

The typical advanced/academic pathway for mathematics begins at Mathematics 10, followed by Mathematics 11. These courses are to be taken consecutively, not concurrently.

Students in Mathematics 10 will explore the following topics:
Measurement systems, surface area and volume, right triangle trigonometry, exponents and radicals, polynomials, linear relations and functions, linear equations and graphs, solving systems of equations, and financial mathematics.

MATHEMATICS ESSENTIALS 11 (Graduation, 1 credit, 110 hours)

Prerequisite: Successful completion of Mathematics Essentials 10, Mathematics at Work 10 or Mathematics 10.

Mathematics Essentials 11 is designed for students who either do not intend to pursue post-secondary study or plan to enter post-secondary programs that do not have any mathematics prerequisites.

The Mathematics Essentials pathway is designed to provide students with the development of the skills and understandings required in the workplace, as well as those required for everyday life at home and in the community. Students will become better equipped to deal with mathematics in their everyday life and will become more confident in their mathematical abilities.

The typical pathway for students who successfully complete Mathematics Essentials 11 is Mathematics Essentials 12.

Students in Mathematics Essentials 11 will explore the following topics: Mental mathematics; collecting, organizing and graphing data; borrowing money; renting or buying; household budgets; investing money; measuring; and 2-D and 3D design, mathematics in content areas such as science and social studies.

MATHEMATICS AT WORK 11 (Graduation, 1 credit, 110 hours)

Prerequisite: Successful completion of Mathematics at Work 10 or Mathematics 10.

Mathematics at Work 11 demonstrates the application and importance of key mathematical skills.

The typical pathway for students who successfully complete Mathematics at Work 11 is Mathematics at Work 12. (The Mathematics at Work pathway is designed to provide students with the mathematical understandings and critical-thinking skills identified for direct entry into the workforce or for entry into programs of study that do not require academic mathematics.) Some students who successfully complete Mathematics at Work 11 may choose to take Math Essentials 12.

Students in Mathematics at Work 11 will explore the following topics: measurement systems volume, 2-D and 3-D geometry, scale, exploded diagrams, numerical reasoning, personal budgets, compound interest, financial institution services, and formula manipulation for various contexts.

MATHEMATICS 11 (Academic, 1 credit, 110 hours)

Prerequisite: Successful completion of Mathematics 10

Mathematics 11 is an academic high school mathematics course. Students who select Mathematics 11 should have a solid understanding of the Mathematics 10 curriculum. Mathematics 11 is a prerequisite for Pre-calculus 11. These courses are to be taken consecutively, not concurrently.

There are two typical pathways for students who successfully complete Mathematics 11:

- For those students intending to follow the academic pathway, Mathematics 11 will be followed by Mathematics 12. (Mathematics 11 and Mathematics 12 are designed to provide students with the mathematical understandings and critical-thinking skills identified for post-secondary studies in programs that require an academic OR a Pre-calculus mathematics credit).
- For those students intending to follow the advanced pathway, Mathematics 11 will be followed by Pre-Calculus 11' Pre-Calculus 12, and then Calculus 12 (optional).

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Students in Mathematics 11 will explore the following topics: applications of rates, scale diagrams and factors, inductive and deductive reasoning, an introduction to proof, cosine law, sine law, spatial reasoning,statistics, systems of linear inequalities, and quadratic functions.

PRE-CALCULUS 11 (Advanced, 1 credit, 110 hours)

Prerequisite: Successful completion of Mathematics 11.

Pre-calculus 11 is an advanced high school mathematics course. Students who select Pre-calculus 11 should have a solid understanding of the Mathematics 11 curriculum. Pre-calculus 11 is a prerequisite for Pre-calculus 12. These courses are to be taken consecutively, not concurrently.

The typical pathway for students who successfully complete Pre-calculus 11 is Pre-calculus 12. (Courses in the Pre-calculus pathway are designed to provide students with the mathematical understandings and critical-thinking skills identified for post-secondary studies in programs that require the study of theoretical calculus.)

Some students who successfully complete Pre-calculus 11 may choose to take Mathematics 12.

Students in Pre-calculus 11 will explore the following topics: absolute value, radical expressions and equations, rational expressions and equations, angles in standard position, analyze and solve quadratic equations, linear and quadratic equations and inequalities in two variables, arithmetic and geometric sequences, and reciprocals of linear and quadratic functions.

MATHEMATICS ESSENTIALS 12 (graduation, 1 credit, 110 hours)

Prerequisite: Successful completion of Mathematics Essentials 11 or Mathematics at Work 11. The prerequisite for Mathematics Essentials 12 must be taken and successfully completed prior to starting Mathematics Essentials 12.

The Mathematics Essentials pathway is designed to provide students with the development of the skills and understandings required in the workplace, as well as those required for everyday life at home and in the community. Students will become better equipped to deal with mathematics in their everyday life and will become more confident in their mathematical abilities.

Mathematics Essentials 12 is designed for students who either do not intend to pursue post-secondary study, or plan to enter post-secondary programs that do not have any mathematics prerequisites. The content of this course will help students work toward improving the mathematical knowledge base needed for work directly related to the trades. This course will be modular based and project oriented.

Students in Mathematics Essential 12 will explore the following topics: measurement, math and career exploration, ratio, rate and proportion, and math preparation for the workplace.

MATHEMATICS AT WORK 12 (graduation, 1 credit, 110 hours)

Prerequisite: Successful completion of Mathematics at Work 11 or Mathematics 11. The prerequisite for Mathematics at Work 12 must be taken and successfully completed prior to starting Mathematics at Work 12. Therefore, these courses are to be taken consecutively, not concurrently, and the order may not be reversed.

The Mathematics at Work pathway is designed to provide students with the mathematical understandings and critical-thinking skills identified for direct entry into the workforce or for entry into programs of study that do not require academic mathematics. Mathematics at Work 12 is the third course in this pathway.

Students in Mathematics at Work 12 will study the following topics: measurement and probability, measures of central tendency, scatterplots, linear relationships, owning and operating a vehicle, properties of polygons, transformations, and trigonometry.

MATHEMATICS 12 (academic, 1 credit, 110 hours)

Prerequisite: Successful completion of Mathematics 11 or Pre-calculus 11. The prerequisite for Mathematics 12 must be taken and successfully completed prior to starting Mathematics 12. Therefore, these courses are to be taken consecutively, not concurrently, and the order may not be reversed. Students who select Mathematics 12 should have a solid understanding of the Mathematics 11 curriculum.

The Mathematics pathway is designed to provide students with the mathematical understandings and critical-thinking skills identified for post-secondary studies in programs that do not require the study of theoretical calculus. Mathematics 12 is the third course in this pathway.

Students in Mathematics 12 will study the following topics: borrowing money, investing money, set theory and logical reasoning, counting methods, probability, polynomial functions, exponential and logarithmic functions, and sinusoidal functions.

PRE-CALCULUS 12 (Advanced, 1 credit, 110 hours)

Prerequisite: Successful completion of Pre-calculus 11. Pre-calculus 11 must be taken and successfully completed prior to starting Pre-calculus 12. Therefore, these courses are to be taken consecutively, not concurrently, and the order may not be reversed.
The Pre-calculus pathway is designed to provide students with the mathematical understandings and critical-thinking skills identified for post-secondary studies in programs that require the study of theoretical calculus.
Students who select Pre-calculus 12 should have a solid understanding of the Pre-calculus 11 curriculum.

Students in Pre-calculus 12 will study the following topics: transformations, radical functions, polynomial functions, trigonometry, exponential and logarithmic functions, rational functions, function operations, permutations, combinations and the binomial theorem.

CALCULUS 12 (Advanced, 1 credit, 110 hours)

Prerequisite: Successful completion of Pre-Calculus Mathematics 12, with a very good level of understanding

This course will include the following topics: the concept of a limit, simple derivations, properties of derivatives, derivatives of trigonometric, exponential and logarithmic functions, applications of derivatives – tangents, rates of change, motion, curve sketching, antiderivatives, differential equations and applications of anti-derivatives.

SCIENCE

Students must complete at least TWO Science courses to graduate.

Course #1: Science 10

Course #2: One of the following:

- Biology 11 or 12,
- Chemistry 11 or 12,
- Physics 11 or 12,
- Exercise Science 12
- Human Biology 11,
- Oceans 11

SCIENCE 10 (Academic, 1 credit)

The senior high science program builds on a foundational science course, Science 10. It is strongly recommended that **all** students take Science 10 as a prerequisite to more specialized study in science(s) in grades 11 and 12.

Science 10 comprises four compulsory units, each requiring 25-30 hours of instructional time:

- ❖ Weather Dynamics (25%)
- ❖ Chemical Reactions (25%)
- ❖ Motion (25%)
- ❖ Sustainability of Ecosystems (25%)

This course serves as a foundation for further studies in science, particularly in biology, chemistry and physics. This course is a recommended prerequisite for Physics 11 and Chemistry 11.

BIOLOGY 11 (Academic, 1 credit)

Recommended prerequisites: Science 10 for Biology 11, and Biology 11 for Biology 12

Biology 11 emphasizes the science themes: change, diversity, energy, equilibrium, matter and systems. These themes allow students to examine the connections within the science program and to understand the ways in which individual sections of the program relate to the big ideas in science.

In addition to developing students' understanding of fundamental science concepts and principles, Biology 11 refines students' understanding of the nature of science and technology and the interaction between biology and technology. Students develop their awareness of the impact of biology and associated technology on society and of the limitations of the biological sciences, science in general, and technology in solving societal problems.

- Biology 11 comprises four units of study:
  - Unit 1: Matter and Energy for Life (30%);
  - Unit 2: Biodiversity 25%);
  - Unit 3: Maintaining Dynamic Equilibrium I (35%);
  - Unit 4: Interactions among Living things (10%)

BIOLOGY 12 (Academic, 1 credit)

Recommended prerequisites: Biology 11

Similar to Biology 11, Biology 12 emphasizes and expands on science themes: change, diversity, energy, equilibrium, matter and systems. Within this course, students will continue to refine their understanding of the connections between biology and technology.

- Biology 12 comprises four units of study:
  - Unit 1: Maintaining Dynamic Equilibrium II (20%)
  - Unit 2: Reproduction and Development (16%)
  - Unit 3: Genetic Continuity (40%)
  - Unit 4: Evolution, Change and Diversity (24%)

CHEMISTRY 11 (Academic, 1 credit)

Prerequisite: Science 10
Recommended prerequisite: Mathematics 10

The high school chemistry program emphasizes the science themes; change, diversity, energy, equilibrium, matter, and systems. This course encourages students to participate in lifelong learning about chemistry and to appreciate chemistry as a scientific endeavor with practical impact on their lives and on society as a whole. The Chemistry 11 course builds on the fundamental attitudes, skills and knowledge acquired in chemistry unit of Science 10. A strong mathematics background is strongly recommended.

*Chemistry 11 consists of **three** units of study:*

Unit 1: Stoichiometry - Chemistry is a qualitative (numbers/calculations) and qualitative science. Students have generally been studying chemistry in a qualitative sense. In this introduction to the quantitative aspect of chemistry, students will learn to do calculations based of the mole to mole relationship in a balanced chemical equation (stoichiometry).

Unit 2: From Structure to Properties - All matter is held together by chemical bonding. Bonding is discussed in detail in this unit. The different forces of attraction involved in matter and how it influences their physical properties will be studied.

Unit 3: Organic Chemistry - Organic chemistry is the study of the molecular compounds of carbon. Students will learn about the vast number of organic compounds though the study of isomers. Students will be able to classify, name and draw organic compounds from a number of different families of organic compounds. Types of organic reactions will be explored.

CHEMISTRY 12 (Academic, 1 credit)

Prerequisite: Chemistry 11

Chemistry 12 provides a more in-depth exploration of various topics intended for students pursuing post-secondary chemistry.

*Chemistry 12 consists of **four** units of study:*

Unit 1: Thermochemistry - Thermochemistry involves energy changes that occur with physical and chemical processes. Labs and calculations will allow students to develop their understanding of energy change.

Unit 2: From Solutions to Kinetics to Equilibrium - In this unit connections are made between the properties of solutions, reactions rates and dynamic equilibrium. Problems solving skills/calculations are used throughout this unit as well as predicting equilibrium shift and reaction rates

Unit 3: Acids and Bases - Characteristics of acid base systems will be described quantitatively. Various calculations will be used to determine aspects of acid/base systems such as pH. Important links will be made to dynamic equilibrium covered in the previous unit.

Unit 4: Electrochemistry - This unit deals with electric forces, matter and chemical change. Students will learn to identify and balance redox reactions as well as predict voltages of simple electrochemical cells.

PHYSICS 11 (Academic, 1 credit)

Prerequisites: Science 10 and Mathematics 10

Physics 11 consists of four units of study:

Unit 1: Kinematics - explores how forces, velocity, and acceleration can be measured and represented as vectors.

Unit 2: Dynamics - explores the relationship among force, mass, and acceleration, and the interaction of forces between two objects. The relationship among work, time, and power are analyzed quantitatively.

Unit 3: Energy and Momentum - explores momentum as it relates to an object's motion. Students will determine which laws of conservation of energy or momentum are best used to solve real life situations involving collisions.

Unit 4: Waves - explores the common characteristics of mechanical, sound, and light waves, and explains and predicts the behaviors of waves.

Physics is the branch of knowledge that studies the processes and structures of the natural world at the most fundamental level. Objects as small as atoms, and as large as galaxies, are investigated in an attempt to understand the underlying principles and structures. Physics is both descriptive and predictive: it can often explain how something works and predict how its related technologies can be improved.

The program is designed to challenge and engage students with a wide range of backgrounds to understand concepts and to apply their knowledge to new situations. The program, through its many hands-on, intellectually stimulating experiences, enables students to see connections between physics and other sciences, and to see how physical principles underlie many of the seemingly unrelated facets of their everyday world.

PHYSICS 12 (Academic, 1 credit)

Required prerequisites: Mathematics 11 and Physics 11

Physics 12 consists of four units of study:

Unit 1: Force, Motion, Work and Energy - investigates force, momentum, projectile motion, circular motion, simple harmonic motion and universal gravitation.

Unit 2: Fields - explores magnetic, electric and gravitational fields. Electric circuits, generators and motors are investigated.

Unit 3: Waves and Modern Physics - investigates the Photoelectric Effect, Compton Scattering, deBroglie's Hypothesis and the Bohr Model of the Atom

Unit 4: Radioactivity- researches natural and artificial sources of radioactivity, fission, fusion, and radioactive decay.

EXERCISE SCIENCE 12 (Academic, 1 credit)

This course focuses on studying human movement, muscle use/development, bones, nutrition, and human development. Students will learn about the effects of physical activity on health and performance, the evolution of physical activity, and the factors influencing the individual's participation in physical activity. The course prepares students for university programs in kinesiology, nursing, and health sciences.

Note: Exercise Science 12 may count as either a science or physical education course. It cannot be counted within graduation requirements for both.

HUMAN BIOLOGY 11 (Graduation, 1 credit)

Human Biology 11 will enable students to understand the biology of the human body and its interaction with its environment. This course requires that the student consider not only the internal environment of the body, but also the impact each one has, individually and collectively. Students will investigate common diseases in each system. Student will be asked to think critically about issues that range in perspective from a personal level to a more global reach.

Human Biology 11 includes the following units of study:

- The Digestive System & Nutrition,
- The Respiratory System,
- The Circulatory System,
- The Cell & Its Function,
- The Excretory System,
- The Nervous System,
- The Locomotor System, and
- Reproduction

OCEANS 11 (Academic, 1 credit)

Oceans 11 offers students the opportunity to explore aspects of global and local oceanography and current ocean-related issues. The course is designed to be flexible and meet the needs and interests of Nova Scotia students by connecting the study of oceans with local economic and community interests.

Oceans 11 consists of four 25- to 30-hour modules. Successful completion of four modules is required to earn one science credit.

Learning modules include the following:

- Module 1: Structure and Motion (25%)
- Module 2: Marine Biome (25%)
- Module 3: Coastal Zones (25%)
- Module 4: Aquaculture (25%) OR Fisheries (25%)

CANADIAN STUDIES

Students must complete ONE Canadian Studies course to graduate.

These courses include:

- African Canadian Studies 11
- Canadian History 11
- Mi'kmaw Studies 11
- Histoire du Canada 11 (Integrated French)

CANADIAN HISTORY 11 (Academic, 1 credit)

The Canadian History 11 course is organized around five continuing or persistent questions in Canada's history. These are questions of current concerns and have deep historical roots that previous generations of Canadians have had to address. Their efforts have shaped the development of Canada and its identity. These questions form the basis for five of the six units in the course: Globalization, Development, Sovereignty, Governance, and Justice. The sixth unit, Independent Study, provides students the opportunity to engage in a specific piece of historical research. Historiography and the historical method are central to this course in its examination of Canada's history from the first peoples in North America to the present. Key topics include, but are not limited to, First Nations, Colonialism, Confederation, the World Wars, Free Trade, Constitutional Issues, Canada's Role in the Global Community, Industrialization, Human Rights Issues, and Immigration/Migration.

AFRICAN CANADIAN STUDIES 11 (Academic, 1 credit)

This course provides an overview of the history of African Peoples in Canada. As part of this study, students will explore the history of Africa and highlight the struggles and triumphs of Canadians (especially Nova Scotians) and Americans of African descent. Regardless of one's ethnic and cultural background, the course aims to help students appreciate the social challenges of the 21st century and, at the same time, refine the various skills of social studies. This course fulfills the requirement for the Canadian History credit.

MI'KMAW STUDIES 11 (Academic, 1 credit)

How are we connected to the history and culture of the First Peoples of Nova Scotia? Mi'kmaq Studies 11 provides students with an understanding of historical and contemporary Mi'kmaq issues. The course considers the cultural, social, spiritual, and political events, trends, and traditions of the Mi'kmaq, which enables them to achieve a greater understanding of and respect for Mi'kmaq contributions to society.
This course meets the graduation requirement for Canadian Studies

**** IMPORTANT NOTE FOR INTEGRATED FRENCH STUDENTS**

Histoire du Canada 11 will also fulfill the Canadian Studies graduation requirement. Please see the "Integrated French Section" for information on this course.

GLOBAL STUDIES

Students must complete ONE Global Studies course to graduate.

These courses include:

- Global Geography Studies 12
- Global History 12
- Histoire Planetaire 12 (Integrated French)

GLOBAL STUDIES COURSES

GLOBAL GEOGRAPHY 12 (Academic, 1 credit)

Global Geography 12 explores major contemporary global issues, using the discipline of geography, in an attempt to answer the question, “How did the world arrive at its current state at the beginning of the 21st century?” Global Geography 12 is organized into 5 units: The Global Geographer, The Planet Earth, Population, Resources and Commodities, and Urbanization. The Global Geographer introduces students to the discipline of geography and establishes important year-long expectations related to skills and understandings, including the concept of interdependence. The Planet Earth examines the unique Planet Earth, its ecosystems, the planetary state of health, and the relationship between humans and natural disasters. Population examines measures of quality of life, population distributions and densities and vital statistics. Urbanization looks at patterns of urbanization, models of urban structure, growth trends, and urban improvement strategies. Global Geography 12 students will also be expected to employ research methods appropriate to the discipline of geography.

GLOBAL HISTORY 12 (Academic, 1 credit)

GHS12 explores major contemporary global issues, using the discipline of history, in an attempt to answer the question, “How did the world arrive at its current state at the beginning of the 21st century?” GHS12 is organized into 5 units: The Global Historian, The Dynamics of Geo-Political Power, The Challenge of Economic Disparity, The Pursuit of Justice, and Societal Change. The Global Historian introduces students to the discipline of history and establishes important year-long expectations related to skills and understandings, including the concept of interdependence. The Dynamics of Geo-Political Power examines the “Cold War” as well as the current and future geo-political situation in the world. The Challenge of Economic Disparity investigates the economic disparity between the countries of the “North” and those of the “South” in the world today. The Pursuit of Justice looks at the events and forces that have shaped contemporary conceptions of justice. Societal Change looks at technological development, societal change, as well as the ethical and moral implications of both. GHS12 students will also be expected to employ research methods appropriate to the discipline of history.

**** IMPORTANT NOTE FOR INTEGRATED FRENCH STUDENTS**

HISTOIRE PLANETAIRE 12 will also fulfill the Global Studies graduation requirement. Please see the “Integrated French Section” for information on this course.

FINE ARTS

Students require one FINE ARTS credit to graduate.

Fine Arts credits include:

- Dance 11
- Drama 11
- Music 10
- Visual Arts 11 & 12

DANCE 11 (Academic, 1 credit)

Dance 11 is designed for all students, with or without previous formal dance training, and builds on student's experiences in dance throughout the physical education curriculum, grades primary to nine. It emphasizes creative movement as a form of communication and self-expression, as a unique way of learning about oneself and others. Learning experiences in this course offer students opportunities to explore a range of dance styles with more focused work in a few genres; create and present dance sequences: respond critically to a dance; and make connections with dance in local and global contexts, both past and present. Students also have opportunities to examine the connections between dance and other arts disciplines.

The course comprises four components;

1. Elements of movement,
2. Creation and composition,
3. Presentation and performance, and
4. Dance and society.

Students will participate in a dance presentation at the end of the course.

DRAMA 11 (Academic, 1 credit)

Drama 11 is an introductory course in drama focusing on the personal growth of the student. Through extensive work in improvisation, both in small and large groups, students gain confidence as they explore and communicate ideas, experiences, and feelings in a range of dramatic forms. This is an excellent course for students who wish to develop skills, and improve their comfort level with making presentations in front of a live audience.

MUSIC 10 (Academic, 1 credit)

Music 10 recognizes the importance of offering a program that provides opportunities for the experienced musician as well as for those with limited or no prior musical training. The Music 10 curriculum demonstrates an understanding of and appreciation for the variety of abilities of the students in the music class. This course may be delivered through a variety of disciplines. Many music programs at the high school level will focus primarily on music-making in an instrumental music setting. By offering Music 10 with a focus on choral singing or guitar playing, for example, students with limited musical experiences will achieve the outcomes for the course. Other programs may use specific community interests such as traditional instruments or rock ensembles to achieve course outcomes.

Within this course, attention will be given to all three understandings and processes of the arts:

1. Creating, making, and presenting;
2. Understanding and connecting contexts of time, place, and community, and
3. Perceiving and responding.

VISUAL ART 11 (Academic, 1 credit)

Students will assume ownership of their art education, creating art of personal relevance. Students will also learn to clearly articulate perceptions of their art as well as the art of their peers, popular media imagery, and of art masters. Students will enhance their capacity to draw and respond to a range of visual and conceptual subjects while also engaging with greater depth, a range of wet and dry media, sculpture, and other media. Further, Visual Arts 11 exposes students to studies in art history, contemporary art, and art theory.

VISUAL ART 12 (Academic, 1 credit)

Recommended prerequisite: Visual Art 11

Visual Arts 12 leads students to becoming independent young artists who approach their physical and social world with a sense of critical and creative inquiry. Along the way, students will have the opportunity to engage in a variety of projects, some of which are teacher-directed and others are student-directed. The breadth of projects should allow each student to work through a range of media and aesthetic ideas while also gaining depth in a particular area of focus. Students should also examine and respond to the art and visual ideas of others, art history and art from various cultures, art theory, and contemporary studies, particularly in relation to how it may reflect their own work and/or life experiences. Students will develop a portfolio that models the best of the depth, breadth, and quality of their work.

PHYSICAL EDUCATION

Students require one PHYSICAL EDUCATION credit to graduate.

Physical Education credits include the following:

- Physical Education 10
- Physically Active Living 11
- Physical Education 12
- Exercise Science 12 (Listed within Science Courses)
- Fitness Leadership 11
- Dance 11
- Yoga 11

PHYSICAL EDUCATION CLASSES

PHYSICAL EDUCATION 10 (Open, 1 credit)

This course will provide students with a variety of fitness and sport experiences to enhance their understanding of personal fitness and growth. Physical Education 10 includes some theory components, coupled with predominantly active experiences whereby students will have the opportunity to participate in a variety of indoor and outdoor fitness, sport and recreational experiences. The emphasis of this curriculum is to provide students with experiences that require them to take and reflect on their personal responsibility for active, healthy living now and throughout life.

The course is divided into four modules: Outdoor Pursuits, Exercise Science, Personal Fitness, and Leadership.

PHYSICALLY ACTIVE LIVING 11 (Open, 1 credit)

This full-credit course is designed to engage students in a wide range of physically active experiences, with an overall theme of exploring options and opportunities for being active for life, both in school and in their community. Physically Active Living 11 encompasses both an activity component and a theory component, with an emphasis on engagement in physical activity.

The activity component of the course is designed to provide opportunities for students in active experiences that engage youth in traditional and non-traditional forms of physical activity.

The theory component of the course will enhance student understanding of healthy eating, injury prevention, mental and emotional health, and addiction prevention highlighting the connection between healthy living and being physically active.

PHYSICAL EDUCATION 12 (Open, 1 credit)

Physical Education 12 provides another opportunity for students to participate in physical education through physically active experiences that consolidate movement skills and concepts of previous physical education courses throughout the elementary and secondary years.

This full-credit course provides students with a variety of fitness and sport experiences to enhance their understanding of personal health and growth. Students will participate in both outdoor and indoor activities that encompass all domains of wellness; and will be evaluated on both theory and practical components of the curriculum. Through these experiences, students will acquire the knowledge and skills necessary for active, healthy living now and throughout life.

ALTERNATIVE PHYSICAL EDUCATION CLASSES

DANCE 11 (Academic, 1 credit)

Dance 11 is designed for all students, with or without previous formal dance training, and builds on student's experiences in dance throughout the physical education curriculum, grades primary to nine. It emphasizes creative movement as a form of communication and self-expression, as a unique way of learning about oneself and others.

Learning experiences in this course offer students opportunities to explore a range of dance styles with more focused work in a few genres; create and present dance sequences: respond critically to a dance; and make connections with dance in local and global contexts, both past and present. Students also have opportunities to examine the connections between dance and other arts disciplines. The course comprises four components; elements of movement, creation and composition, presentation and performance, and dance and society. Students will participate in a dance presentation at the end of the course.

FITNESS LEADERSHIP 11 (Academic, 1 credit)

Prerequisite: Complete an application for Fitness Leadership 11

Fitness Leadership 11 provides students with opportunities to participate in a variety of group fitness experiences; assess their own level of personal fitness; broaden their understanding of human anatomy and exercise physiology; examine the benefits of active, healthy living; foster leadership apply the principles of conditioning to design; and foster leadership skills to deliver safe group fitness experiences to children and youth. Upon successful completion of this full-credit course, students will receive Level-C CPR certification.

YOGA 11 (Academic, 1 credit)

Yoga 11 will introduce students to the tradition of Yoga with its various forms and styles. The intention is that students will develop a lifelong personal practice of yoga to maintain health. Daily physical practice of yoga will include the acquisition and development of skills including strength, flexibility, cardiovascular endurance, balance, regulation of energy through breathing, and mental focus. All of these skills are of great benefit to overall health and to other physical pursuits.

This course is divided into three modules:

1. Proper Breathing and Asana Practice;
2. The Origins and Philosophy of Yoga; and
3. Integrating a Mindful Practice

TECHNOLOGY EDUCATION

Students are required to take one TECHNOLOGY EDUCATION course OR a third science to graduate.

Technology Education courses include:

- Construction Technology 10
- Exploring Technology 10
- Design 11
- Communications Technology 12
- Film & Video Production 12
- Housing and Design 12
- Multimedia 12
- Production Technology 12

CONSTRUCTION TECHNOLOGY 10 (Open, 1 credit)

In Construction Technology 10 students will be introduced to various aspects and topics surrounding construction technology, with particular emphasis on home construction. Along with regular theory classes and homework, students will have to complete a research project on some aspect of the construction industry. Hands on projects include model building, and if the opportunity exists working outside to build storage sheds or gazebos. Students must be prepared to work outside.

Topics within this course include: Construction, Industry and Business, Architectural Drawings, Material of Construction, Tools of construction, Various Light Construction Systems, Plumbing, Electrical, Interior and Exterior Finishing, and Civil Construction.

EXPLORING TECHNOLOGY 10 (Open, 1 credit)

The Exploring Technology 10 curriculum is designed for all students in grade 10. This course is designed to offer a selection of different technology learning modules for students to explore. These modules include: green technology, media design technology, control technology, engineering systems technology and exploring trades technology.

DESIGN 11 (Academic, 1 credit)

Design 11 involves students in using communications and information technologies to develop solutions to design problems and to conduct inquiries into design issues. Students work independently and as part of design teams to explore design in a range of practical contexts. Modules for this course include the following: Design Fundamentals; Communications Design; The Built Environment; Product Design; and Design Team or Independent Project.

FILM & VIDEO STUDIES 12 (Academic, 1 credit)

Film and Video Production 12 involves students in the production of a film or video. Students work independently and as part of a production team to explore roles in the film industry, develop skills required in production roles, develop a critical awareness of historical and cultural aspects of film and work through the process of producing a film or video from script development to final edit. Modules for this course include Fundamentals of Video, Production Team Skills, Film Industry Disciplines, Careers, as well as Film Development and Production.

COMMUNICATION TECHNOLOGY 12 (Academic, 1 credit)

By the end of each communications technology course, students are able to demonstrate in a variety of ways knowledge and applications of different modes of communication, including audio, visual, graphic, electronic, and computer communications. Assignments include: Digital Photography, Manipulating Images with Photoshop, Desktop Publishing (brochures, magazine covers, yearbook spreads), and video production with I-movie.

HOUSING AND DESIGN 12 (Academic, 1 credit)

Housing and Design 12 will be taught through project-based learning and connecting with the community. The course is designed to be practical and interactive. Course assessment will include an opportunity for students to create a project highlighting their skills in technology, innovation and design. Throughout the curriculum, students will be expected to develop their knowledge of related career opportunities and aesthetic expression through housing applications. Units and topics of study provide students with the following learning opportunities: Unit 1: The Housing and Design Skills Portfolio Unit 2: Career Options Related to Housing and Living Environments Unit 3: Living Spaces: Choices and Decisions Unit 4: Innovations in Housing Ecosystems Unit 5: Components of Housing Design and Layout Unit 6: Interior Design.

MULTIMEDIA 12 (Academic, 1 credit)

Multimedia 12 responds to the growing importance of multimedia products in today's society, and the interest students have in creating, manipulating, and reflecting critically on those products.
Students will further develop their understanding of communication technology, demonstrating an understanding of the aesthetic/artistic implications of multimedia products and their awareness of the ethical, social, and legal implications of multimedia products. They will apply the elements and principles of art and design to create multimedia products that effectively communicate ideas and concepts.
Multimedia 12 includes four modules: Creating and Manipulating Images; Creating and Manipulating Sequenced Images; Sound; and Collaborative Project and Personal Portfolio.

PRODUCTION TECHNOLOGY 12 (Open, 1 credit)

By the end of each production technology course, students are able to demonstrate the process required to create a product using a variety of materials and methods. Entrepreneurship is an integral part of the grade 12 course. Students will learn how to use traditional woodworking equipment to produce a wooden shelf and a bedside table. Larger class projects could include a gazebo and storage shed production or patio furniture.

OTHER ELECTIVE COURSES

HEALTH & CAREER EXPLORATION 11 (Open, 1 credit)

In this course learners engage in experiences that help them build critical life, career and health skills that will guide them in their emerging relationship with self, family, community, and environment. This course is designed to provide learners to reflect on healthy ways to navigate change and transitions in their personal and work lives presently and in the future. An important component of this course, the service module, allows learners to engage in advocacy work on issues of interest which will positively impact their community.

CANADIAN FAMILIES 12 (Open, 1 credit)

Canadian Families 12 is a full-credit course that examines the nature of families through the lens of Maslow's hierarchy of Human Needs. Using demographic information, students will explore and research the challenges faced by Canadian families and look at society's response to those challenges. The course reflects the following themes:

- Relationship Skills
- Consumerism and Financial Management
- Changing Canadian Culture
- Community Connections
- Resource Acquisition and Management
- Life/Work Skill Development

This course is developed around six units:
Images of Canadian Families, The Foundation of Family Well, Expanding Families, Transition to Independence, Families in Later Life, Independent Study Project

COOPERATIVE EDUCATION 12 (Academic, 1 credit)

Prerequisites:

- Complete an application for Cooperative Education 12
- Successfully complete an interview with the Co-op Ed. 12 teacher

The Co-operative Education 12 course will be counted as a full credit academic course. Students must successfully complete an in-school learning module of a minimum of 25 hours and a community-based component of 100 hours [work placement]. The co-operative education course is under the joint supervision of the teacher and the community host [employer]. The teacher will visit the work placement. Students may undertake the community-based component during or after school hours, on weekends, and/or during vacations, in accordance with board and school policies. Students may not be paid for any part of the community-based component of a course which takes place during regular school hours.

ENTREPRENEURSHIP 12 (Academic, 1 credit)

Entrepreneurship 12 is a student-centred course where students are engaged in design thinking and real-life decision making, taking responsible risks to bring their ideas to fruition. Entrepreneurship 12 is designed to support learners in developing the attitudes, skills, knowledge, and mindset necessary to meet the many opportunities and challenges of entrepreneurship. This is done through active and experiential learning, and by offering a hands-on perspective as learners engage in entrepreneurial ventures.

INDEPENDENT LIVING 12 (Open, 1 credit)

Independent Living 12 is a full credit course dealing with issues of living on your own. There are four major modules: Apartment Living, Foods and Nutrition, Job Search and Finances. This course may include a small portion of cooking and possibly sewing for the home. Independent Living 12 is still being revamped by the Department of Education and therefore the GCO's are not yet available.

LAW 12 (Academic, 1 credit)

The Canadian Law Course is designed to introduce high school students to the area of law and to provide them with skills and understandings that will enable them to better understand their rights and responsibilities as citizens. Law 12 is organized with three compulsory units- Foundations of Justice and the Law, Criminal Law and Civil Law- and a fourth unit that enables students to sample from a variety of legal topics. Foundations of Justice and the Law looks at the roots and history of law, especially in Canada. Criminal Law examines the procedures and parties involved in investigating and trying a criminal case, as well as sentencing options. Civil Law focuses on torts, contractual obligations, and family law. The fourth unit provides opportunities to look at Aboriginal Law, International Law, Immigration Law, Human Rights Law, Environmental Law, Employment Law, Consumer Law, as well as Media and Internet Law. Law 12 students will also be expected to employ research methods appropriate to the discipline of law.

LEADERSHIP 12 (Academic, 1 credit)

Prerequisites:

- Student must be in grade 12
- Complete an application for Leadership 12

Leadership 12 will be open to all students in **grade 12** who have demonstrated leadership and assumed leadership positions both within and outside the school setting. Any student who is interested in registering for Leadership 12 class for next year must pick up an application sheet from Mr. Adams. Students will not be considered for the course if the application process is not followed. Students will be chosen for the course based on their academic standing, demonstration of a positive attitude towards students and staff, recommendations from staff, and demonstration of leadership qualities within school and community. Leadership 12 will not only offer students the unique opportunity to learn basic techniques and skills of leadership, but more importantly students will demonstrate leadership by establishing an organization and leading it to achieve a stated goal or will construct, propose and initiate a project planning model to affect change. Leadership students will practice their leadership skills and learn to succeed by organizing real life events.

SOCIOLOGY 12 (Academic, 1 credit)

Sociology 12 is designed to give students a comprehensive introduction to sociology. Throughout the course, students will be encouraged to think like sociologists themselves. They will examine the historical contributions of social scientists in key themes such as: deviance, social control, culture and conflict. Students will also be given opportunities to explore a range of contemporary Canadian sociological issues and topics including: family, students and school, poverty, minority groups, women in society, labour and management, crime in Canada and, the future.

INTEGRATED FRENCH

INTEGRATED FRENCH PROGRAM

The Integrated French Program provides opportunities for students to improve their ability to think and to communicate effectively in French, as well as to appreciate and enjoy French language and culture. Speaking and listening are particularly emphasized, as these constitute the most prevalent modes of communication in everyday life. However, an increased emphasis is placed on reading and writing through meaningful and varied activities. All courses are conducted in French and students are expected to communicate exclusively in French.

Integrated French students must complete **6 credits** in French to receive their ***Integrated French Certificate*** when they graduate. Students in grade 12 are also given the opportunity to take the international ***DELF exam*** (Diplôme d'études de langue française) if they have followed the program throughout high school. This is a certification of French language abilities and an international recognition of students' French proficiency and a testament to their success in learning French. Students will receive an ***official diploma*** stating the level of French they have attained.

If students do not wish to obtain their Integrated French Certificate, but would like to continue their French studies, they may do so. Students who successfully completed Integrated French 9 may enroll in ANY of the courses listed.

GRADE 10 COURSES

- **Integrated French 10**
- **Arts Dramatiques 10 (This course fulfills the provincial Fine Arts graduation requirement.)**

GRADE 11 COURSES

- **Integrated French 11**
- **Histoire du Canada 11 (This course fulfills the provincial Canadian studies graduation requirement.)**

GRADE 12 COURSES

- **Integrated French 12**
- **Géographie Planétaire 12 (This course fulfills the provincial Global studies graduation requirement.)**
- **Histoire Planetaire 12 (This course fulfills the provincial Global studies graduation requirement.)**

Each year, Integrated French 10, 11 and 12 is offered; however, Arts Dramatiques 10, Histoire du Canada 11, Géographie Planétaire 12, and Histoire Planetaire 12 are offered on a rotational basis, so students should develop a three year plan towards graduation. The rotation is as follows:

2022-2023	2023-2024	2024-2025
IF 10, 11, 12 Arts Dramatiques 10 Histoire du Canada 11	IF 10, 11, 12 Histoire Planetaire 12	IF 10, 11, 12 Arts Dramatiques 10 Histoire du Canada 11

INTEGRATED FRENCH 10 (Academic, 1 credit)

This course emphasizes using French for a variety of purposes. Students are engaged in listening and speaking experiences that require them to communicate information and respond orally to a variety of texts, such as conversations, interviews, poems, short stories and novels. Reading and literature include articles, poems, legends, short stories and novels. Students are engaged in written activities through which they present information, write letters, and express their feelings about different events and situations. Classroom interaction is integral to the course, such that active participation is the key to success.

INTEGRATED FRENCH 11 (Academic, 1 credit)

Prerequisite: Integrated French 10

In the grade 11 Integrated French course, students continue to listen and respond to a variety of texts and to communicate orally on various topics. Students are involved in such activities as presentations, drama and improvisations. Reading and literature include articles, biographies, poems, short stories and novels. Writing activities include letters, short stories, reports and research papers. Students will improve their expression and understanding while expanding vocabulary and refining grammatical accuracy. Classroom interaction is integral to the course, such that active participation is the key to success.

INTEGRATED FRENCH 12 (Academic, 1 credit)

Prerequisite: Integrated French 11

In the grade 12 Integrated French course, students continue to develop their listening and oral skills in French while engaged in a wide range of activities. Reading and literature include many forms and genres, such as articles, position papers, poetry, legends, short stories, novels and drama. Students write informative reports, opinion papers and expressive texts. Students will improve their expression and understanding while expanding vocabulary and refining grammatical accuracy. Classroom interaction is integral to the course, such that active participation is the key to success.

ARTS DRAMATIQUES 10 (Academic, 1 credit)

This course also fulfills the provincial Fine Arts graduation requirement.

Arts Dramatiques 10 is an introductory course designed for students who would like to learn more about drama and theatre arts. The focus of this course is the personal, intellectual, and social growth of students as they explore a variety of dramatic styles, techniques and forms. The course entails in-class exercises to develop concentration, self-confidence, imagination, openness and sensitivity. Students will experience improvisation, work with scripted plays and some script writing, character development and role-playing as well as various technical aspects of the theatre. This is an activity-based class, requiring collaborative participation. Attention is paid to French language development which serves the objectives of the course.

HISTOIRE DU CANADA 11 (Academic, 1 credit)
This course fulfills the provincial Canadian studies graduation requirement.

Histoire Du Canada 11 is organized around five continuing or persistent questions in Canada's history. These are questions of current concerns and have deep historical roots that previous generations of Canadians have had to address. Their efforts have shaped the development of Canada and its identity. These questions form the basis for five of the six units in the course: Globalization, Development, Sovereignty, Governance, and Justice. The sixth unit, Independent Study, provides students the opportunity to engage in a specific piece of historical research. Historiography and the historical method are central to this course in its examination of Canada's history from the first peoples in North America to the present. Key topics include, but are not limited to, First Nations, Colonialism, Confederation, the World Wars, Free Trade, Constitutional Issues, Canada's Role in the Global Community, Industrialization, Human Rights Issues, and Immigration/Migration.

GÉOGRAPHIE HISTOIRE 12 (Academic, 1 credit)
This course fulfills the provincial Global studies graduation requirement.

Global History 12 explores major contemporary global issues, using the discipline of history, in an attempt to answer the question, "How did the world arrive at its current state at the beginning of the twenty-first century?" Global History 12 is organized into six units: The Global Historian, The Dynamics of Geo-Political Power, The Challenge of Economic Disparity, The Pursuit of Justice, and Societal Change. The Global Historian introduces students to the discipline of history and establishes important year-long expectations related to skills and understandings, including the concept of interdependence. The Dynamics of Geo-Political Power examines the "Cold War" as well as the current and future geo-political situation in the world. The Challenge of Economic Disparity investigates the economic disparity between the countries of the "North" and those of the "South" in the world today. The Pursuit of Justice looks at the events and forces that have shaped contemporary conceptions of justice. Societal Change looks at technological development, societal change, as well as the ethical and moral implications of both. Global History 12 students will also be expected to employ research methods appropriate to the discipline of history.

GÉOGRAPHIE PLANÉTAIRE 12 (Academic, 1 credit)
This course fulfills the provincial Global studies graduation requirement.

This course, which focuses on global geography, explores major themes that help us to understand the nature and origins of complex humanity/environment relationships in the contemporary world. Guided by the fundamental themes and skills of modern geography, students pursue this exploration through five compulsory units: The Global Geographer, The Planet Earth, Population, Resources and Commodities, Urbanization. By using geographic skills and techniques, learning and applying a body of skills and techniques, learning and applying a body of geographic knowledge, and developing their own planet management awareness, students become informed global geography students. The process of becoming informed enables students to propose reasonable answers to the question upon which Nova Scotia's global studies courses are built --- "How did the world arrive at its current state at the close of the twentieth century?"

OPTIONS & OPPORTUNITIES (02)

O2 (OPTIONS and OPPORTUNITIES)

Options and Opportunities, referred to as O2, is a program designed to help students work toward a career or occupation in contexts that respond to their learning needs. Students develop connections to the workplace, postsecondary institutions and training programs that assist with transitioning to new environments beyond high school.

Students in O2 must complete specific courses to earn an O2 certificate which provides them with assured seating status at the Nova Scotia Community College. Effective September 2020, O2 course requirements changes. Students entering the O2 Program in Grade 10 (after September 2020) must complete the following courses along with courses required for a graduation diploma:

- Career Development 10
- Community Based Learning 11
- 3 Cooperative Education courses

Career Development 10 is a prerequisite for Community Based Learning 11 and should be offered in the first semester of Grade 10. Community Based Learning 11 prepares students for their learning and placements in Cooperative Education and it is strongly recommended this course be offered in second semester of Grade 10 as many O2 students enter the worksite for co-op placements in the fall of their Grade 11 year.

COURSE DESCRIPTIONS

Career Development 10 (*updated for September 2020*)

Career Development 10 is designed to support learners in understanding their personal interests, strengths and weaknesses, skills and values and the role these have in influencing education and career goals. They will be introduced to the importance of employability and essential skills in the workplace and how they are utilized in everyday life. Learners will explore strategies for the development of these skills and investigate their relevance in the education and career planning process. This course also focuses on the importance of being financially literate; learners will investigate and analyse basic money management principles, applying them to their personal spending decisions and planning for achievement of education and career goals.

Community Based Learning 11 (*updated for September 2020*)

Community Based Learning 11 is highly experiential and prepares students in the Options and Opportunities program for community engagement. It focuses on four modules: Citizenship and the Community; Career and Life Planning; Financial Management; and Workplace Cultures and Safety. In this course, learners will investigate and reflect on skills that can support them in demonstrating who they are as active citizens. They will critically examine what is of importance to them and how they can plan and be adaptable to changing circumstances in achieving their goals. They will construct plans for achievement of career goals including demonstrating their understanding of the role financial literacy has in continuing their education and beginning a career. This course will further prepare learners for the responsibilities of a workplace commitment and a culture of safety as they enter the labour market.

ENRICHMENT
&
SUPPORT COURSES

ENRICHMENT AND SUPPORT

LEARNING STRATEGIES 10 (Open, 1 credit)

Learning Strategies 10 (LRNST 10) is designed to assist students, who have been identified through the school's Teaching Support Team, to enhance and develop their learning skills and strategies. Learning Strategies 10 will assist students with the transition into the high school credit system and students will better understand themselves as a learner. Students will be encouraged to use appropriate technology to support their learning.

Topics to be covered in this course include: self-awareness, time management, organization, communication skills, and test and examination preparation. Strategies will be explicitly taught. These strategies will then be reinforced by integrating the curriculum from the student's other subject areas.

LEARNING STRATEGIES 11 (Open, 1 credit)

Note: Learning Strategies 10 is not a prerequisite for Learning Strategies 11 or 12.

Learning Strategies 11 (L|RNST 11) continues to build on the learning outcomes attained through Learning Strategies 10. This course is for students who have been identified through the school's Teaching Support Team.

An examination of post-secondary goals is a major component of this course and the lessons will build on the skills necessary for the successful transition to work or studies beyond high school. Assistive technology will be a key component of support for students.

LEARNING STRATEGIES 12 (Open, 1 credit)

Learning Strategies 12 (LRNST 12) is designed for those students who have been identified through the school's Teaching Support Team. Learning Strategies 12 will build on the grade 10 and 11 curriculum. Its primary focus transition from high school. Assistive technology will be a key component of support for students.

PERSONAL DEVELOPMENT CREDITS

PERSONAL DEVELOPMENT CREDITS

Students who have successfully completed a course or a program outside of school that has been approved by the Department of Education will be eligible for a Personal Development Credit. The credit will be entered on a student's high school transcript and may count toward one of the five elective credits required for graduation. A Personal Development Credit may be awarded as a Grade 10, 11 or 12 credit and depending on the time required to complete the course or program, may qualify as a full or half credit.

More information is available about the Personal Development Credit on the Department of Education's website: https://www.ednet.ns.ca/cbl/personal-development-credits

Some of the approved programs for the Personal Development Credit include: Cadet courses, Dance Nova Scotia programs (Highland Dance, Dance NS Ballet, and Ballet), Girl Guides of Canada certifications, Gymnastics NS coach program, Junior Achievement Programs, Italian Language School courses, Lifesaving Society of NS, Nova Scotia 4-H Program for Gold level achievement, NS Equestrian Federation coaching certifications, Royal Conservatory Music courses, Scouts Canada awards and Skate Canada Coaching certification.

APPROVED PROVIDER AND COURSE LIST FOR 2022-2023

Updated list for 2023-2024 to be released in August

Service Providers and their Course Titles	Power School Course Name	Grade Level	Credit Value
Canadian Dance Teachers Association			
Canadian Dance Teachers' Association Intermediate Ballet	Intermediate Ballet 10	10	1.0
Canadian Dance Teachers' Association Advanced Ballet	Advanced Ballet 11	11	1.0
Canadian Lebanon Society of Halifax			
Lebanese Arabic A2	Lebanese Arabic Language 10	10	1.0
Lebanese Arabic B1	Lebanese Arabic Language 11	11	1.0
Canadian Red Cross			
Water Safety Instructor	Water Safety Instructor 11 A	11	0.5
Pool Lifeguard	Pool Lifeguard 11 A	11	0.5
Catapult Leadership Society			
Catapult Plus	Catapult Plus 10	10	0.5
Department of National Defence			
Basic Training Course	Basic Training 11	11	1.0
The Duke of Edinburgh's Awards			
Duke of Edinburgh Bronze	Duke of Edin Bronze Award 10	10	1.0
Duke of Edinburgh Silver	Duke of Edin Silver Award 11	11	1.0
Duke of Edinburgh Gold	Duke of Edin Gold Award 12	12	1.0
Girl Guides of Canada			
Canada Cord	Canada Cord 10	10	1.0
Trailblazer Leadership Award	Trailblazer Leadership Award 12	12	1.0
Gymnastics Nova Scotia			
NCCP Gymnastics Foundation in Coaching	Gymnastics Coach 11	11	1.0
Junior Achievement			
The Company Program A (English)	JA Company Program 10A	10	0.5
The Company Program B (English)	JA Company Program 10B	10	0.5
The Company Program A (French)	Programme Jun Achievement 10A	10	0.5
The Company Program B (French)	Programme Jun Achievement 10B	10	0.5
Italian Language School			
Italian Language and Culture Level A1	Italian Language 10	10	0.5
Italian Language and Culture Level B1	Italian Language 11	11	0.5
Italian Language and Culture Level B2, C1, C2	Italian Language 12	12	0.5
Lifesaving Society of Nova Scotia			
Swimming/ Lifesaving Instructor	Swim/ Lifesaving Instructor 11	11	0.5
National Lifeguard – Pool	National Lifeguard 11	11	0.5
MacPhee Centre for Creative Learning			
MacPhee Centre Creative Visual Arts	MacPhee Creative Visual Art 10	10	0.5
MacPhee Centre Performing Arts	MacPhee Performing Arts 10	10	0.5
Nova Scotia 4-H Program			
Nova Scotia 4-H Gold	NS 4H Gold 10	10	1.0
Nova Scotia Equestrian Federation			
NCCP—English Instructor of Beginning Coaching	Equestrian Eng. Coach 10	10	1.0
NCCP—Western Instructor of Beginning Coaching	Equestrian West. Coach 10	10	1.0
NCCP - Drive Instructor Coach	NSEF Drive Instructor Coach 10	10	1.0

APPROVED PROVIDER AND COURSE LIST FOR 2022-2023 *continued*

Updated list for 2023-2024 to be released in August

Service Providers and their Course Titles	Power School Course Name	Grade Level	Credit Value
Nova Scotia Pony Club			
Nova Scotia Pony Club Leadership	Nova Scotia Pony Club 10	10	1.0
Nova Scotia Scouts Canada			
Chief Scout Award	Chief Scout 10	10	1.0
Queen's Venturer Award	Queen's Venturer 12	12	1.0
SHAD Canada			
SHAD Canada, Canada's STEAM and Entrepreneurship Live-in Program	SHAD Canada 11	11	1.0
Swim Nova Scotia			
NCCP Swimming Fundamentals Coach Level 1	Swimming Fundamentals Coach 11	11	1.0
Volunteer Fire Department			
NFPA 1001 Firefighter 1	Firefighter 11	11	1.0
Youth Voices of Nova Scotia Society			
Youth Voices of Nova Scotia "The Voice"	Youth Voices of NS 11	11	0.5

NOVA SCOTIA VIRTUAL SCHOOL (NSVS)

General Information

Nova Scotia Virtual School

The Nova Scotia Virtual School provides online high school courses to students enrolled in and attending public high schools in Nova Scotia. Students register for NSVS courses through their school as a part of their course timetable, typically through a guidance counselor. NSVS online courses use the Nova Scotia Public School Program (PSP) with curriculum and learning outcomes that are identical to those used for in-person classes.

Courses are taught by Nova Scotia certified teachers using both video conferencing or echat and independent learning. NSVS teachers have office hours when students can communicate with them in real time. They can also instant message or email their NSVS teacher at any time. In addition to their NSVS teacher, students have an NSVS contact in their school building who can help them find the resources and space they need to complete their NSVS work, and to whom parents can reach out with questions.

The majority of NSVS online courses are semestered, starting in September and in February. NSVS IB courses are non-semestered courses which run from September to May. Students are expected to sign in to their course every school day from their school building to complete course activities and assignments and to interact with their teacher and fellow students.

NSVS grades and comments are reported on the report card at mid-semester and the end of the semester, but are not fully integrated with the PowerSchool Parent Portal. However, each student has a record of their marks in the NSVS online Gradebook and parents can view that information with their child. Due to varied timing in different Regions, there is no single scheduled parent-teacher interview date for NSVS courses. Parents can contact their school's NSVS contact or the NSVS course teacher as needed for updates on their child's progress.

Registration Dates
Registration is open April

NSVS Courses
Click here to view the NSVS Courses

NSVS Brochure for 2021-2022
Click here to view

NSVS Contact Teacher Info
Click here for more info

Is Online Learning for You?
Click here to take the quiz to find out!

Take a Look!
What an NSVS Course Looks like?

Help Desk
Having trouble logging in?
Click here

Contact
Click here for the NSVS contact information

For more information visit:
https://nsvs.ednet.ns.ca/launchpad/launchpad37/mod/page/view.php?id=4510

…or see Mrs. Mumford!

NOVA SCOTIA INDEPENDENT ONLINE LEARNING (NSIOL)

NOVA SCOTIA INDEPENDENT ONLINE LEARNING (NSIOL)

Nova Scotia Independent Online Learning (NSIOL) is an online study program that allows students registered in a Nova Scotia public school to complete high school courses at their own pace, starting at any time in the school year. Students register for NSIOL courses through their school counselor on the school's recommendation.

You can find more information about the Nova Scotia Independent Online Learning program at https://ednet.ns.ca/distributedlearning/NSIOL or through your school counsellor.

How does it work?

NSIOL allows students in Nova Scotia to complete high school courses at their own pace, without direct instruction from a teacher, providing flexibility for students to continue their studies in a way that suits their unique needs.

NSIOL follows the Nova Scotia Public School Program (PSP) and meets the same requirements as in-person courses. Courses are not actively taught. Instead, instructional supports are built into the courses and Mentors will provide clarification of instructions when necessary. All NSIOL course work is assessed by course Mentors who have Nova Scotia teaching certification.

Who can register for NSIOL courses?

At this time, students who are enrolled in a public school in Nova Scotia or registered in the Nova Scotia Homeschooling program can register for NSIOL courses through their local public high school.

Is there a cost?

Registration fees will be waived for students registering through a Nova Scotia public school.

Is there a time limit to complete courses?

Students have up to 18 months from the date of enrolment to complete each NSIOL course.

What are the high school courses being offered?

February 2023:
Mathematics 11 (Academic, English Program)

Spring/Summer 2023:
Mathématiques 11 (Academic, French Immersion Program)
Mathematics 12 (Academic, English Program)

****Additional courses will be announced as they become available.*

STUDENT PLANNING WORKSHEET

Student Name: _____

Graduation Requirements

✔ Check if you have completed the course and place an "IP" (In Progress) if currently taking the course.

___ **English 10**
___ **English 11** or English Communications 11
___ **English 12** or English Communications 12

___ **1st Science** (Science 10)
___ **2nd Science** (Any science course)

___ **Math level 10** (MTESS10 or MTW10 or MT10)
___ **Math level 11** (MTESS11 or MTW11 or MT11)
___ **Math level 12** (MTESS12 or MTW12 or MT12 or PCAL12)

___ **Can Studies** (Can His 11 or African Canadian Studies 11 or Mi'kmaw 11)

___ **Global Studies** (Global Geography 12 or Global History 12)

___ **Physical Education** (Yoga 11/ Dance 11/ PE10/ PAL11/ PE12/ Exercise Science/ Fitness Leadership)

___ **Fine Arts** (Drama, Music, Visual Arts, Dance*) *Dance can only be used once, either to fulfill Phys Ed or Fine Arts credit.*

___ **Additional SCIENCE or TECH** _____

___ **No more than 7 grade 10 credits**

___ **5 grade 12 credits:**
(English 12 or ECM12, Global 12, plus 3 other grade 12 credits)
____ Grade 12 _____
____ Grade 12 _____
____ Grade 12 _____

3- Year Planner:

1st Year	2nd Year	3rd Year
1. _____	1. _____	1. _____
2. _____	2. _____	2. _____
3. _____	3. _____	3. _____
4. _____	4. _____	4. _____
5. _____	5. _____	5. _____
6. _____	6. _____	6. _____
7. _____	7. _____	7. _____
8. _____	8. _____	8. _____

Notes: