AUBURN DRIVE HIGH SCHOOL

COURSE SELECTION BOOK

Learning is not a spectator sport 2020-2021

Auburn Drive High School offers a wide variety of courses which may enable students to become well rounded and active citizens within our community. This booklet has been prepared to provide students and parent/guardian(s) with specific course descriptions and general information concerning course selection for grades ten through twelve. Please review the information that is provided. It is important that you are familiar with the different plans and requirements for graduation. Students and parent/guardian(s) are encouraged to work together to develop a three year educational plan. See the Planning Chart on page 3 of this booklet. Consultation with teachers, administrators and guidance counsellors will assist you in this planning process. Graduation requirements for a Nova Scotia High School Diploma can be found on page 2 of this booklet.

Keep this booklet. It will be helpful during pre-registration activities and over the entire year. A verification will be provided by home-room teachers or student services. Make course selections carefully. Course corrections will only be made for grade 12 students who have specific post-secondary goals / entrance prerequisites. (See page 5)

Table of Contents

Please note that most of our course descriptions are listed in alphabetical order.

Graduation Requirements

- 18 credits, of which 13 are compulsory: No more than 7 of the 18 credits may be for Grade 10 level courses, and at least 5 must be Grade 12 level courses.
- 3 English Language Arts: (one at each grade level)
- 3 Mathematics (from three different grade levels)
- 2 Sciences (1 of these from Science 10, Physics 11, Chemistry 11 or Biology 11). The second science may be chosen from any approved science course.
- 1 Others (must be from Mathematics, Science or Technology*)
- 1 Canadian content course (from Mi'kmaq Studies 11, African Canadian Studies 11 or Canadian History 11 French or English)
- 1 Physical Education credit**
- 1 Fine Arts credit*** (only 1 music credit per grade level will be counted toward graduation requirements)
- 1 Global Studies (Global History 12, Global Geography 12 or AP World History)

*Technology Courses include:	**Physical Education Courses include:	***Fine Arts Courses include:
Exploring Technology 10	Physical Education 10	Visual Art 10, 11 & 12
Food Technology & Food Preparation 10	Physical Education 11	Music Band 10, 11 & 12
Automotive Tech (Maintenance) 11	Physically Active Living 11 / 11F	Music Vocal 10, 11 & 12
Communication Technology 11	Fitness Leadership 11	Music Drumline 10, 11 & 12
Design 11	Physical Education 11	Drama 10, 11 & 12
Automotive Tech (Body) 11 & 12	Physical Education Yoga 11	
Automotive Tech (Systems) 12	Physical Education Leadership 12	
Business Technology 12	Physical Education 12	
Computer Programming 12		
Film & Video Production 12		

French Immersion

Enrollment in the Immersion Program is normally limited to students who have completed a similar program at the junior high level or who have come from a Francophone school system.

Students must successfully complete nine (9) French Immersion credits, of which three must be Française 10, 11, 12 to be completed during the grade 10 year, grade 11 year then the grade 12 year respectively.

In order to maximize the opportunity for students within the French program to be successful, it is important that students and parent/guardian(s) understand that it is mandatory **students are required to communicate in French, not English** to be awarded a credit.

Immersion Française

Français 10	Biologie 11	Biologie 12
Arts Dramatique 10	Français 11	Droit 12
Sciences Integrées 10	Histoire Canadienne 11	Français 12
	Mode de Vie 11	Géographie Planétaire 12

Students who do not communicate in French will be considered for removal from the French Immersion program.

Education Planning Chart and Credit Check Guide

Educational Goal: _____

Grade 10	Grade 11	Grade 12

Check List: "C" ~ Completed Credit			***"T" ~ Taking Now***		***"X" ~ Will take 2020-21 School Year***			
English	Fine Arts	Math	Science	Other Math / Science / Technol-ogy	Phys. Ed.	Global	Canadian History	Electives
Gr. 10	1.	1.	1.	1.	1.	1.	1.	1.
Gr. 11		2.	2.					2.
Gr. 12		3.						3.
Notes:								4.
								5.
								6.
								7.
								8.

Registration Policy for
Students entering Grade 10

Students entering Grade 10 must take **eight (8)** courses over the two semesters. These courses must include Grade 10 English, Math, Science, a Canadian content course (Mi'kmaq Studies, African Canadian Studies or Canadian History) and a Fine Arts course (Art, Drama or Music). Students in grade 10 are permitted to take specific Grade 11 level courses as shown on the Course Selection Sheet.

Students in the French Immersion Program are reminded that they will need **nine (9)** immersion credits over 3 years in order to obtain the Immersion certificate. Therefore students in this program should take at least four (4) of these courses in their Grade 10 year. Teaching staff and counsellors at the junior high level should be consulted in this process.

Registration Policy for
Students entering Grade 11

Students will select 7 courses in the following order:

A. Repeat required Grade 10 courses as necessary.

   Based on Grade 10 marks at time of registration i.e., if you have a failing mark in a compulsory course, then re-register for that course. Students' course selections may be changed at the end of June if they fail a course and do not have the prerequisites to enter the next level of a particular course. (e.g. Math or English)

B. Select Grade 11 Compulsory Courses: Grade 11 English
   Grade 11 Mathematics
   A second Science as needed from (Biology, Chemistry, Physics, Oceans, Geology12)

C. Select Elective Courses:
   Students may choose from all Grade 11 courses and should select at **least** one Grade 12 course, provided prerequisites are met.

D. The study block will be assigned to either first or second semester based on scheduling need and cannot be changed.

Registration Policy for
Students entering Grade 12

It is important for students to take courses in which they can be successful. Good information is the basis of good decision making. Students should consult with parent(s)/guardian(s), teachers and guidance counsellors before making final decisions relating to course selection.

-Course changes to ensure graduation requirements are met will be limited to grade 12 students. Course changes will also be made for students who have incomplete schedules. Students must make an appointment in student services and have course change request sheet signed by parent/guardian prior to scheduled appointment with Counsellor.

-If a student is scheduled in courses which they have earlier requested, no course changes will be made.

-Students will not be permitted to re-take courses to improve marks. The only execption will be grade 12 students re-taking a course to meet graduation requirements.

-Student schedules may change prior to the semester beginning in order to balance class sizes.

Course Change Restrictions:

Course changes will not be permitted unless under special circumstances; therefore students are expected to take every consideration when selecting courses and to carefully review their selection confirmation sheet before signing. Selection confirmation sheets will be available following the course selection process. Selection Confirmations sheets must be returned to Student Services to ensure consideration of your course requests.

List of acceptable reasons for a student to request course changes:

- Is registered but does not have a timetable
- Is in grade 10 and does not have a full schedule
- Does not have the pre-requisite for a course he/she is taking (eg. in grade 12 English, but does not have grade 11 English)
- Is in grade 12 and needs to add/change a course to graduate
- Is in grade 12 so must carry at least 3 courses per semester
- Is in grade 12 and needs a course to meet post-secondary plans

1. Students planning to apply to post-secondary institutions are responsible for checking the suitability of their course selection with the institutions directly and/or their counsellor.
2. Students who expect to be university candidates must take at least 5 university acceptable courses (6 recommended) at the grade 12 level over their high school years.
3. **The school cannot guarantee that a student can repeat a failed semester 1 course in semester 2.** Night school or correspondence may be required.

It is critical in semestering that students choose their courses wisely. This is especially true for grade eleven students and grade twelve students. Some grade eleven marks maybe very important to university / scholarship applications as are first semester grade twelve marks. Grade twelve students should balance their course load with a mixture of courses. **Students are responsible for checking this aspect of their timetable in September.**

Prerequisites

Prerequisites are recommended for certain courses requiring the student to possess particular cumulative knowledge and skills. To ensure optimum academic success for these courses, it is suggested that the prerequisites listed be followed. If a student wishes to register for a course and has not achieved the recommended prerequisite, the student should consult with a guidance counsellor or a subject facilitator.

Using the Credit Check Guide

The educational planning chart at the front of this publication is designed to assist students to determine what credits they have already achieved and to identify the compulsory credits still needed to graduate. Please complete this guide at the beginning of each semester throughout your high school career in order to stay on top of where you are in relation to your graduation.

Important Information for Students

A student cannot use two courses in the same subject at the same grade level to meet graduation requirements: e.g. Math at Work 10, and Math 10AC.

What is a Credit?

A credit is a course that is successfully completed. All courses offered at Auburn Drive High School are eligible for credits. A full credit is equivalent to successful completion of 110 hours of scheduled course time.

Types Of Credits

Students may combine courses from any of these types of credits and still qualify for certain university or college programs.

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

Advanced (AD) - These courses are designed to meet the needs of students who have demonstrated an exceptional degree of academic ability or achievement.

Advanced Placement (AP) - These courses offer students the opportunity to take one or more university-level courses while in high school.

Graduation (GR) - These courses are designed for students who wish to obtain a Nova Scotia High School diploma but may not need an academically streamed course for their post-secondary plans.

Open (OP) - Although these courses are not designed to meet the specific entrance requirements of any post-secondary institution, individual courses may meet entrance requirements of some institutions.

Student Program Support

Recognizing and valuing the multiple pathways through which learning occurs in an outcomes based curriculum, the following variety of services are available:

1. **Academic Support** - The focus of this service is to assist student learning by meeting individual student needs based on their individual abilities. This may be achieved through the use of program adaptations, study skills programs, assessment tools and services, etc. This service may be provided in a group. Students who require adaptations to their program will be monitored by the resource teacher and school planning team and classroom teachers.
2. **Learning Centre** - This service is designed to provide support for students with special needs and to assist teachers with curriculum delivery concerning these students. Students requiring Learning Centre support will vary in terms of mental, physical and emotional needs and abilities. The focus of this support will be to develop life skills and learning strategies to help these students realize their full potential in society. This may include work placements, communication training,

O_2 "Options and Opportunities"

This program provides a comprehensive educational opportunity that bridges high school to post-secondary education, work and/or youth apprenticeships for students. The program is about helping students make connections between what they are learning in school and post-secondary programs and/or work.

High school students who participate in this three year program get experience in a career academy and increased opportunities for community-based learning such as cooperative education credits. Students who graduate from O_2 will have fulfilled all graduation requirements and earned a high school diploma. In addition, they will have also graduated with a greater understanding of their skills, knowledge and strengths, and a career plan. There is a link between the program and the Nova Scotia Community College. The O_2 program assists students with meeting milestones for admittance into programs as the NSCC.

The goals of Options and Opportunities are for students to stay in school and graduate, have a career plan, transition to community college, university, youth apprenticeship and/or work, complete their post-secondary education, and find satisfying work within Nova Scotia. The components of the program are community learning partnerships, integrated career education and planning, skills for the workplace, and instructional teaming.

O_2 is a full high school program (10-12) and is available to students entering grade 10 who need additional help with career and educational planning. Students must apply and participate, along with their families, in an admissions process. Consider the following when selecting the O_2 program: **your student should have good attendance, successful completion of grade 9 courses and a clean discipline record.**

Advanced Placement Program

The Advanced Placement (AP) Program offers students the opportunity to take one or more university-level courses while in high school. AP courses follow guidelines developed by the College Board, an association recognized by educational institutions across North America. Each course covers the information, skills and assignments you would find in a corresponding university course.

What are the benefits of AP?

There are many benefits to taking AP:

- Enrichment: Challenge yourself with rigorous academic courses.
- Flexibility: Choose courses based on your academic strengths and interests.
- Preparation: Experience university-level expectations and content to help you prepare for university studies.
- University Recognition: Earn credit, advanced placement, or both, based on your performance on standardized, demanding AP examinations.

Who should enroll in AP courses?

- Students who have a demonstrated a high level of achievement and a desire to attend university.
- Students who have a willingness to meet the challenges of a rigorous academic course.

Consider the AP challenge if you're ready to explore a subject in greater depth, learn to make connections with larger concepts, develop analytical reasoning skills, and form disciplined study habits that will contribute to your success at university.

There is an exam in May put on by the College Board which is scored from 0 to 5. A score of 4 or 5 earns university placement or credit but does not count toward the course mark. The material covered is the same as the course but the course finishes on completion of the AP exam.

Duke of Edinburgh Award

The Duke of Edinburgh's Award is still a voluntary extracurricular activity; not a "course" taught within school curriculum. Nova Scotia students who successfully complete an Award level are eligible to receive a high school credit.

The Duke of Edinburgh's Award is presented to young people who have achieved a set standard in community service and self-improvement. It is a programme of activities designed to challenge youth to become involved in worthwhile extracurricular activities, leading to personal growth, development, and achievement.

Participation in the Award Programme is on a volunteer basis, and builds character by developing such qualities as self-confidence, responsibility, compassion and self-reliance. Each of the three levels (Bronze, Silver, and Gold) is progressively more challenging than the previous one; yet the Award Programme can be adapted for individuals regardless of ability or circumstance. Participation requires completion of four programme components:

•Volunteer Community Service
•Developing a hobby or skill
•Participation in physical recreation activities
•Adventurous project (camping expeditions)

Personal Development Credits

Beginning in September 2012, students who have successfully completed a course or program outside of school, approved by the Department of Education will be eligible for a personal develop-ment 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 will be awarded as a grade 10, 11, or 12 credit and depending on the time required to complete a course or program, may qualify as a half or full credit. To ensure that students' personal accomplishments in high quality learning programs are recognized, the Department of Education has developed a detailed set of criteria for approving external providers. Courses should be provincially, nationally or internationally recognized and contribute to student's experience of the Atlantic Province's Essential Graduation Learnings.

Please see page 8 & 9 for the Approved Provider and Course List for 2018-2019.

Approved Provider and Course List for 2018-2019

Effective September 2018

Service Providers and their Course Titles		Power School Course Name	Grade Level	Credit Value
Cadance Academy				
	Canadian Teachers' Association Intermediate Ballet	Intermediate Ballet 10	10	1.0
	Canadian Teachers' Association Advanced Ballet	Advanced Ballet 11	11	1.0
Canadian Cadet Organizations				
	Air Rifle Marksmanship Instructor	Cadet Air Rifle Instructor 10	10	1.0
	Drill and Ceremonial Instructor	Cadet Drill Instructor 10	10	1.0
	Fitness and Sports Instructor	Cadet Fitness Instructor 10	10	1.0
	Intermediate Sail	Cadet Intermediate Sail 10	10	1.0
	Military Band—Intermediate Musician Course	Military Band Intermediate 10	10	1.0
	Pipe Band—Intermediate Musician Course	Pipe Band Intermediate 10	10	1.0
	Ship's Boat Operator	Cadet Boat Operator 10	10	1.0
	Survival Instructor Course	Cadet Survival Instructor 10	10	1.0
	Advanced Aerospace	Cadet Advanced Aerospace 11	11	1.0
	Advanced Aviation Technology Course—Aircraft Maintenance	Aircraft Maintenance Adv 11	11	1.0
	Advanced Aviation Technology—Airport Operations	Airport Operations Adv 11	11	1.0
	Boatswain's Mate	Cadet Boatswains Mate 11	11	1.0
	Military Band—Advanced Musician Course	Military Band Advanced 11	11	1.0
	Pipe Band—Advanced Musician Course	Pipe Band Advanced 11	11	1.0
	Sail Coach	Cadet Sail Instructor 11	11	1.0
	Glider Pilot Scholarship	Cadet Glider Pilot 12	12	1.0
	Power Pilot Scholarship	Cadet Power Pilot 12	12	1.0
	Expedition Instructor Course—Royal Canadian Army Cadet Program	Expedition Instructor 10	10	1.0
Canadian Red Cross				
	Assistant Water Safety Instructor	Assistant Water Safety Instructor 11	11	1.0
	Water Safety Instructor	Water Safety Instructor 11	11	1.0
	Assistant Lifeguard	Assistant Lifeguard 11	11	1.0
	Pool Lifeguard	Pool Lifeguard 11	11	1.0
Catapult Leadership Society				
	Catapult Plus	Catapult Plus 10	10	0.5
Dance Nova Scotia				
	Highland Dance Premier Dance Personal Credit Program	Dance NS Highland Dance 10	10	1.0
	Pre-professional Ballet Program	Dance NS Ballet 12	12	1.0

Service Providers and their Course Titles		Power School Course Name	Grade Level	Credit Value
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 Edinburgh Bronze 10	10	1.0
	Duke of Edinburgh Silver	Duke of Edinburgh Bronze 11	11	1.0
	Duke of Edinburgh Gold	Duke of Edinburgh Bronze 12	12	1.0
Nova Scotia Forestry Association				
	Nova Scotia Envirothon	Envirothon 11	11	0.5
Girl Guides of Canada				
	Canada Cord	Canada Cord 10	10	1.0
	Chief Commissioner's Gold Award	Commissioner Gold 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				
	Lifesaving Instructor	Lifesaving Instructor 11	11	1.0
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
Nova Scotia Registered Music Teachers' Association				
	Royal Conservatory of Music Level 6 Practical and Level 6 Theory	RC Music 10	10	1.0
	Royal Conservatory of Music Level 7 Practical and Level 7 Theory	RC Music 11	11	1.0
	Royal Conservatory of Music Level 8 Practical and Level 8 Theory	RC Music 12	12	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
Skate Canada Nova Scotia				
	Primary STAR SkateCoach	STARSkate Coach 11	11	1.0
Swim Nova Scotia				
	NCCP Swimming Fundamentals Coach Level 1	Swimming Fundamentals Coach 11	11	1.0

Nova Scotia Virtual School

Auburn Drive High School in conjunction with the Nova Scotia Virtual School (NSVS) offers courses to students online via the Internet. The online course is taken every day in a supervised environment. These courses are offered and taught by individuals from other school boards around the province and are in addition to our own course offerings. On a student transcript an online course will appear the same as any other course and also contributes to the graduation requirements. The structure of online learning is such that students should be independent learners who are organized, motivated, and self-directed. They should also be disciplined and have the initiative to study in a flexible environment. Students are permitted to enroll in only one online course per semester. Below is a list of courses that may be offered during the 2020-2021 school year. Full information will also be posted on the Nova Scotia Virtual School website at nsvs.ednet.ns.ca

Nova Scotia Virtual School Course Offerings (2018-19)	
Advanced Placement	**Grade Level**
AP Biology/AP Seminar (2 Credits/Full Year Commitment)	12
AP Environmental Science/AP Seminar (2 Credits/Full Year Commitment)	12
AP Advanced English 12 Research (Only Available if taken AP Biology or AP Environmental Science)	12
IB Math Studies (2 Credits/Full Year Commitment)	12
Science	
Biology	11
Advanced Biology	11
Chemistry	11/12
Advanced Chemistry	11/12
Physics	11/12
Advanced Physics	11/12
Geology	12
Oceans	11
Immersion	
Biologie	11/12
Biologie Avancée	11/12
Etudes Planétaires (Géographie)	12
Océans	11
Visual Arts	
Visual Art	10/11
Advance Visual Art	11
Math	
Mathematics	11/12
Accounting	12
Calculus	12
PreCalculus	11/12
Entrepreneurship	
Entrepreneurship	12
Arts Entrepreneurship	12
Social Studies	
African Canadian Studies	11
Canadian History	11
Global Geography	12
Advanced Global Geography	12
Global Politics	12

Law	12
Sociology	12
Tourism	
Tourism	11
Computer Technology	
Business Technology	11
Computer Programming	12
Film & Video Production	12
Multimedia	12
Fitness	
Fitness Leadership	11
English	
Advanced English	11/12
Personal Development	
Canadian Families	12
Career Development/Workplace Health and Safety (1/2 Credit Each)	11

Auburn Drive High School Course Offerings (2020-21)

Subject Area	Grade 10 Level	Grade 11 Level	Grade 12 Level
Business Education		Accounting 11	Applied Broadcast Journalism 12
			Business Management 12
			Entrepreneurship 12
			Investment & Finance 12
English	English 10	English 11	English 12
		English Communications 11	English African Heritage 12
			English Communications 12
Fine Arts	Drama 10 / 10F	Drama 11	Drama 12
	Music Instrumental Band 10	Music Instrumental Band 11	Music Instrumental Band 12
	Music Drumline 10	Music Drumline 11	Music Drumline 12
	Music Vocal 10	Music Vocal 11	Music Vocal 12
	Visual Art 10	Visual Art 11	Visual Art 12
French	Francais 10F	Francais 11F	Francais 12F
Mathematics	Mathematics 10	Extended Mathematics 11	AP Calculus 12
	Mathematics Essentials 10	Mathematics 11	Mathematics 12
	Mathematics at Work 10	Mathematics Essentials 11	Mathematics Essentials 12
		Mathematics at Work 11	Mathematics at Work 12
		Pre-Calculus 11	Pre-Calculus 12
Personal Development	Career Development 10	Child Studies 11	Cooperative Education 12
	Learning Strategies 10	Cooperative Education 11	Health & Human Services 12
	Physical Education 10	Fitness Leadership 11	Learning Strategies 12
		Learning Strategies 11	Physical Education 12
		Physically Active Living 11 / 11F	Physical Education Leadership 12
		Physical Education 11/11BBall	
		Physical Education Yoga 11	
Sciences	Science 10 / 10F	Biology 11/11F /11ADV	Biology 12 / 12F/12AP
		Chemistry 11/11ADV	Chemistry 12/12AP
		Human Biology 11	Geology 12
		Oceans 11	Physics 12
		Physics 11	
Social Studies		African Canadian Studies 11	Global Geography 12 / 12F
		Canadian History 11 / 11F	Global History 12
		History 11 (to be taken w/AP World History 12)	Law 12 / 12F
		Mi'kmaq Studies 11	Philosophy 12
			Sociology 12
			AP World History 12 (to be taken w/History 11)
Technology Education	Exploring Technology 10	Automotive Tech (Body) 11	Automotive Tech (Body) 12
	Food Tech/Food Prep 10	Automotive Tech (Maintenance) 11	Automotive Tech (Systems) 12
	Skilled Trades 10	Communications Technology 11	Film and Video Production 12
		Design 11	Business Technology 12
			Computer Programming 12

Alphabetical Listing of All Courses Offered at Auburn Drive High School

NOTE: Courses offered will depend on sufficient student enrollment and staff allocation.

ACCOUNTING 11
ACADEMIC (PSP)

Students will learn career opportunities available in the accounting field and will be able to perform the duties of general accounting clerk. Topics include: balance sheets, accounts payable, accounts receivable, trial balances, income statements, bank reconciliation statements and accounting simulations.

AFRICAN CANADIAN STUDIES 11 ACADEMIC (PSP)
Note: This meets the requirements for a Canadian Content Credit.

The African Canadian Studies course will introduce students to:

- the vast historical experience of African Peoples
- the African diaspora
- the African Nova Scotia experience
- the contributions of people of African descent to the world.

Presented in a challenging, dynamic, and interesting manner, the course will equip students with a sound understanding of the experiences, local achievements and contributions of people of African descent. Students will discuss the geographical, historical, economic, political and social experiences, struggles and life stories of a people who have contributed to world history.

APPLIED BROADCAST JOURNALISM 12
ACADEMIC (PSP)

This course develops skills and knowledge associated with broadcast journalism, with a particular focus on television news. It has a strong emphasis on application of skills through small group work and production of television news stories. It adopts a hands-on approach with emphasis on researching stories, interview techniques, the crafting and filming of to-camera-pieces and compilation of coherent and concise broadcast news stories. It will be taught in collaboration with practising industry professionals to ensure it reflects current industry practice.

AUTOMOTIVE TECHNOLOGY 11 (BODY)
GRADUATION (LAC)

This course is the first of two designed for students who are interested in the automotive industry. This introductory course will provide students with basic knowledge in auto body repair and give them the opportunity to develop skills that will assist them in performing practical tasks in this program. Areas of study will include safety procedures, Workplace Hazardous Materials Information System (W.H.M.I.S) worker training, hand and power tools operation, minor auto body repairs, surface refinishing preparation, automotive welding. Demonstration of basic skill development by the student in each of the above areas will be a requirement to pass this course.

AUTOMOTIVE TECHNOLOGY 12 (BODY)

GRADUATION (LAC)

Prerequisite: Automotive Technology (Body) 11 or the equivalent as recognized by the instructor.

This course is an extension of Autobody 11 with more time devoted to the practical aspects of areas listed in Autobody 11 plus new areas that will include frames and body construction, automobile trim and hardware, spray gun techniques and detailing. Demonstration of basic skill development by the student in each of the above areas will be a requirement to pass this course.

AUTOMOTIVE TECHNOLOGY 11 (Maintenance)

GRADUATION (LAC)

Automotive maintenance 11 provides students with a wide range of experiences and learning opportunities related to technology and problem solving in the automotive industry. As a result of this course, students will develop skills and knowledge necessary to participate in careers in the automotive and related industries. Areas of study will include safety, jobs and careers, tools and equipment, automotive maintenance. Practices such as; tire changers and balancers, brakes, oil and environmental issues. As part of the course, students will participate in a variety of activities that fulfill typical auto industry situations. **Automotive Maintenance 11 is recommended to take Automotive Systems 12.**

AUTOMOTIVE TECHNOLOGY 12 (Systems)

GRADUATION (LAC)

Automotive Technology (Systems) 12, provides students with a wide range of experiences and learning opportunities related to technology and problem solving in the automotive industry. As a result of this course, students will develop skills and knowledge necessary to participate in careers in the automotive and related industries. Areas of study will include safety, engines, electrical systems, steering and suspension systems, brake systems and fuel systems. As part of the course, students will participate in a variety of activities that fulfill typical auto industry situations.

BIOLOGY 11 / 11F

ACADEMIC (PSP)

Get to really know yourself and your place in the world, biologically speaking, by exploring the cell and cellular functions. Learn how you contribute to this planet through cellular respiration and at the same time how you rely on plants for your very existence. This course will also teach you about many of your body's systems and their relationship to the cycling of matter and energy on our planet and how you are an ecosystem in your own right. Learn how the body's ecosystem fits with other ecosystems in your environment.

BIOLOGY 11 Advanced

ADVANCED (PSP)

To be taken in conjunction with Biology 12 AP

This course parallels the Biology 11 course, but with emphasis placed on extra research and independent study. Many topics are covered in more depth. This may be achieved with homework, investigation of current affairs, independent research and additional lab activities. Some units may be covered as a lab block or a study module. Students wishing a more in depth study of biology should consider this course. It is highly recommended for student considering a career in biology.

BIOLOGY 12 / 12F

ACADEMIC (PSP)

Prerequisite: BIO11AC

This program of study involves the following units: Chemical and electrical communication in the human body as it relates to the endocrine and nervous systems; human reproduction and the genetics of body cells and sex cells; the mechanisms involved with genes, chromosomes, DNA and protein synthesis; and finally gene distribution, evolution, and population dynamics.

BIOLOGY 12 AP

ACADEMIC (PSP)

The AP Biology 12 course is designed to be the equivalent of a first year university biology. This course is an in-depth, content-intensive study of biological principles. The topics are chemistry of life, cells, cellular energetic, heredity, molecular genetics, and evolutionary biology, diversity of organisms, structure and function of plants and animals, and ecology. **The AP Biology course is designed to be taken by students after the successful completion of Bio 11 Advanced**.

There is an exam in May put on by the College Board which is scored from 0 to 5. A score of 4 or 5 earns university placement or credit but does not count toward the course mark. The material covered is the same as the course but the course finishes on completion of the AP exam.

BUSINESS MANAGEMENT 12

ACADEMIC (PSP)

Business Management 12 comprises four units: The Management Environment, Managing Business, Managing Change and Independent Research. Business Management 12 is designed to reflect change in economic and business environments and to develop students' analytical, problem solving and communication skills through an understanding of how companies operate and are managed from both employer and employee perspectives. The course focuses on active, experiential learning and on developing the knowledge, skills and attitudes required to identify opportunities and meet the challenges of the business environment. This is a course that will be of particular interest to students who wish to pursue a Business or Commerce Program at University or College.

BUSINESS TECHNOLOGY 12

ACADEMIC (PSP)

This course is designed to help students become proficient users of MS Office software. Emphasis is placed on keyboarding skills. Modules include formatting skills for research papers, resumes, letters, desktop publishing and all advanced features of MS Word. Students will also explore MS Excell and PowerPoint.

CALCULUS 12

(SEE UNDER MATH)

CANADIAN HISTORY 11 / 11F ACADEMIC (PSP)

Canadian History examines the growth of Canada to present day. The themes include: **globalization** - Canada's place in the world community; **development** - the growth of the economy; **governance** - the evolution of the government as a reflection of our society; **sovereignty** - how struggles for sovereignty define Canada; and **justice** - our battle to create a just and equitable society. As well, one of the course outcomes is to produce an independent research project.

CANADIAN HISTORY 11 AFRICENTRIC COHORT ACADEMIC (PSP)

Canadian History examines the growth of Canada to present day. The themes include: globalization - Canada's place in the world community; development - the growth of the economy; governance - the evolution of the government as a reflection of our society; sovereignty - how struggles for sovereignty define Canada; and justice - our battle to create a just and equitable society.

Information about Africa, continental Africans, and people of African descent in the Diaspora is often absent from the curriculum in our schools, laden with historical inaccuracies, and/or not told by Africans themselves but by others. What does it mean to be African Canadian is a question central to position the teaching and learning practices throughout this course, where the student-centered learning coupled with the centering of African Canadian history is established within an Africentric learning environment.

This course follows the Nova Scotia Public School Program and meets all general expectations. This course is intended to prepare students for post-secondary

Educational institutions.

THIS COURSE RUNS WITH THE MATHMATICS 10 COURSE (AFRICENTRIC COHORT)

CAREER DEVELOPMENT 10 OPEN (PSP)

Career Development 10 is designed to help young people to understand and raise self-awareness, manage themselves, their personal lives and resources (including financial resources), and to develop the ability to organize and shape their careers. Career Development 10 has five modules:

Module 1: Personal Development
Module 2: Career Awareness
Module 3: Workplace Readiness
Module 4: Financial Management
Module 5: LifeWork Portfolio

CHEMISTRY 11

ACADEMIC (PSP)

Recommended: Suggested MAT10 and SCI10

Chemistry is the study of composition, processes and structure of matter. The course builds on the fundamental skills and knowledge acquired in Science 10. The course consists of three major units of study: Structures to Properties, Stoichiometry and Organic Chemistry. Labs and assignments form an integral part of the course. Chemistry 11 is a prerequisite for Chemistry 12.

CHEMISTRY 11 ADVANCED

ADVANCED (PSP)

Recommended: MAT10 and SCI10.

Chemistry 11 Advanced uses a problem-solving approach to the study of chemistry. It emphasizes chemical principles rather than descriptive chemistry and the relationship between experiment and theory. This program is an excellent introduction for those students who have an above average interest and ability in science. Math topics include: atomic theory, periodic law, chemical bonding, liquid and solids phases, organic chemistry, naming compounds and writing formulae, mole calculations and chemical equations. Students would be expected to work independently. This course will prepare students to take AP Chemistry 12.

CHEMISTRY 12

ACADEMIC (PSP)

Prerequisite: CHE11

This is a core program used throughout Nova Scotia so that all students taking chemistry will be exposed to the same major concepts and topics. It is designed so that students will focus on learning the major interconnecting ideas and principles of chemistry.

Five major units are covered: thermochemical changes; solutions; kinetics/equilibrium; acids and bases; and electrochemistry. Success in chemistry 12 requires an ability to understand and appy mathematical concepts, as well as successful understanding of Chemistry 11 stoichiometry. Therefore, it is recommended that students have a strong math background.

CHEMISTRY AP 12 ADVANCED PLACEMENT (PSP)

Prerequisites: CHE11AD and MAT 11 PreCal

AP Chemistry is a course geared toward highly motivated students with interests in chemical and physical sciences as well as any of the biological sciences. AP Chemistry 12 is a continuation of Advanced Chemistry 11. This course prepares students to take the AP Chemistry exam toward the end of the academic year. The course gives students the opportunity to earn a full University Chemistry credit while still in high school. In addition to the topics covered in Academic Chemistry 12, the AP Chemistry course covers the topics in greater depth and additional topics are included. Students also engage in a research project and extra open-ended experimentation. Topics include: select Chemistry 11 Advanced review, molecular structure, thermochemistry, chemical kinetics, chemical equilibrium, acids and bases, oxidation and reduction and bonding in the solid state. This course is recommended for students who are considering a career in science or engineering, who need Chemistry 12 for acceptance into a university program or those with an exceptionally strong interest in Chemistry. The pre-requisite for this course is successful completion of grade eleven advanced Chemistry or a recommendation by the grade eleven academic teachers and/ or the department head.

CHILD STUDIES 11

OPEN (PSP)

This is an exciting course with extensive information designed to help students to appreciate the importance of the parenthood decision and recognize the many factors and responsibilities involved. In addition, careers working with children will be identified throughout the course so anyone considering a career in teaching, medicine, child psychology, social work, nutrition and numerous other areas may find value in the study of children. The first half of the semester focuses on Human Reproduction, Pregnancy, Childbirth and the Newborn Baby. The second half focuses on Early Childhood Development; the infant, toddler, preschooler and the school -age child. Evaluation will take many forms and involves both individual and group projects, presentations, article and video reviews, reflections, text reading, lectures and discussion. Students will also have the opportunity to care for a "Real Care Baby" (Computerized baby).

COMMUNICATIONS TECHNOLOGY 11

OPEN (PSP)

Communication Technology 11 is a course that involves using a hands-on approach to electronic, print and web communication concepts. Modules include Fundamentals of Communications Technology, Technical design, Graphic design and Digital Photography. Students get an introduction to several computer programs including SolidWorks and Photoshop. By the end of this course students will be able to use a range of technological tools, processes and applications to integrate communications technology with other academic disciplines and design and create communication materials that solve technological problems.

COMPUTER PROGRAMMING 12 ACADEMIC (PSP)

Recommended: MATH 10

Computer Programming 12 provides learning opportunities for students interested in extending their skills and understanding of computers and computer systems. Students work independently and collaboratively to formulate and solve real-world problems using structured problem solving approaches similar to those found in the workplace. Students implement solutions by creating programs using a structure programming language. Modules include: Problem Solving in Computer Programming, Fundamentals of Programming, Applied Program Solving and Project Development.

COMPUTER SCIENCE PRINCIPLES 12AP ACADEMIC (PSP)

AP Computer Science Principles (AP CSP) can help you understand how computing and technology influence the world around you. Learn how to creatively address real-world issues while using the same tools and processes that artists, writers, computer scientists, and engineers use to bring ideas to life. CSP is about the fundamentals of computing, including problem solving, working with data, understanding the Internet, cybersecurity, and programming. The goals are to broaden your understanding of computer science for use in a diversity of majors and careers. The AP CSP course is organized around seven big ideas, which are essential to studying computer science: Creativity, Abstraction, Data and information, Algorithms, Programming, the Internet, and Global Impact. Recommended course preparation

- Knowledge of basic algebra and experience in problem solving
- Overall comfort and competence with written communications

The AP Computer Science Principles Assessment consists of two parts:

A thorough course assessment and the end-of-course AP Exam. Both of these parts measure student achievement of the course learning objectives.

For the through-course assessment, you will be asked to identify a computing innovation, investigate its impact, and create digital artifacts like apps, films, games, music videos, programs that represent the computing innovation and showcase your creativity. Additionally, you will focus on the development of a computer program through the collaborative and iterative processes of programming. You will need to submit your digital artifacts and accompanying written response with each project on the AP Digital Portfolio, a web-based software application.

The end-of-course AP Exam is a two-hour paper-and-pencil written exam. It includes 74 multiple-choice questions.

COOPERATIVE EDUCATION 11/12

ACADEMIC (LAC)

Prerequisite: Application form.

Cooperative Education is a credit course designed to meet the needs of the students in this ever-changing world. The two central purposes of Cooperative Education are to assist students bound for post-secondary education and / or the workplace to make informed decisions and to acquire relevant knowledge and skills. In this way, transitions from school to work and or further education are made more successfully.

Cooperative Education is a method of learning which involves the school, the student and a community placement supervisor in a relationship where each shares responsibility for the student's learning experience. Students earn a high school credit by combining an in school academic component and a 100 hour community placement. Cooperative Education consists of three components:

- Pre-placement and orientation

- Community placement

- Reflective learning experience

The student indicates an occupational interest and the community is then carefully designed for that student through cooperation between the student, school, parent / guardian and placement supervisor. The placements include but are not limited to banks, tourism industry, physio clinics, trades, Armed Forces, theatre, hospitals and veterinarian clinics. Placements occur at various times throughout the year. The community placement is monitored on a regular basis and carefully evaluated making use of the student's education training plan. Reflective sessions are held on a regular basis providing the students an opportunity to make specific connections between their community placement and their school courses. Students are required to complete a journal / log book, career project, reflective assignment and a portfolio. Each student and his or her parent / guardian must sign a training agreement before the placement begins.
Students register for the course on the course selection form. The students are then contacted and given an application form to complete and return to the school. Upon receipt of the application, an interview is conducted with the student, and the student and parent/guardian are expected to attend an information meeting. This process must be followed for a student to be accepted into the program. Those students not accepted into the course will be notified. Students may obtain more than one credit in Co-operative Education. Co-operative Education is open to all students whether they are proceeding to University, Community College or work. Students who have a specific occupational interest and who are considering Community College for post-secondary education will benefit greatly from the experience. By combining Co-operative Education with occupational related courses, the student can better prepare for work and / or enrollment in Community College or Apprenticeship Training. Student is responsible to get missed work while participating in their work placement.

DESIGN 11

ACADEMIC (PSP)

Art 10 is recommended for this course, as basic visual art skills are used and built upon within a design context. This course requires a substantial reading component, as students are required to read and complete various tutorials. These tutorials help students develop an understanding and working knowledge of the software programs used in 2D and 3D creating. Design 11 involves a high degree of visual, structural, and organization problem solving. Skills and knowledge will be developed through exploration of visual, structural and organizational relationships. Students will be expected to create innovative approaches and products using traditional art making materials and information technologies such as Adobe Photoshop, Adobe Illustrator and 3D software within a design framework. Design 11 offers learners skills and values that they can apply to a range of learning challenges and career opportunities. Students work independently and in teams to explore design in a range of practical contexts. Modules for this course include the following: Fundamentals of Design, Design in the built Environment, Communications Design, Product Design and Design team or Independent Project.

DRAMA 10

ACADEMIC (PSP)

Drama 10 is an introductory course focusing on communication and the personal, intellectual, and social 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. These forms might include dramatic movement, mime, dramatization, choral speech, and group drama. Drama 10 concentrates on three components: foundation, movement, and speech. Opportunities are provided for students to share and present their work to the class audience. Rather than perform scripted pieces, students will work in collective creation - the development of original presentations by students using research, discussion and improvisation. Drama 10 provides a foundation for future coursework in drama and theatre. Presentations are limited to class audience.

DRAMA 10F

ACADEMIC (PSP**)**

This is a French Immersion course. Speaking French is a major outcome and speaking English will not be permitted or accepted and will result in loss of credit. Students will continue to develop their French skills in the areas of listening, speaking, reading and writing. This is a very interactive course. Students will be expected to actively participate. Drama 10 is an introductory course focusing on communication and the personal, intellectual, and social 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. These forms might include dramatic movement, mime, dramatization, choral speech, and group drama. Drama 10 concentrates on three components: foundation, movement, and speech. Opportunities are provided for students to share and present their work to the class audience. Rather than perform scripted pieces, students will work in collective creation - the development of original presentations by students using research, discussion and improvisation. Drama 10 provides a foundation for future coursework n drama and theatre.

DRAMA 11

ACADEMIC (PSP)

Recommended: DRA10

Drama 11 builds on learning experiences provided in Drama 10 and focuses on the students' personal development. The course allows students to further explore movement and speech and to combine these in a greater range of dramatic forms. Selected dramatic forms employed for in depth presentation. Drama 11 also emphasizes the process of creating original script and bringing the script to production. The course also explores the elements of theatrical production and the skills required for presentation or performance. Available technology will be used to facilitate the creation and production of performance work. Students in Drama 11 will be expected to participate in a public performance. There may be rehearsal and/ or performance requirements outside of class time.

DRAMA 12: THEATRE ARTS

ACADEMIC (PSP)

Recommended: DRA11

The Drama 12 course will allow students to develop skills in acting, writing, directing, and stagecraft. Efforts will be made to expose them to new technology used in production as well as professional-style theatre presentations. The emphasis of the course will be on the preparation for performance in front of a variety of audiences. In addition to public presentations students will, with the use of created and/or original texts, learn about the collective process and develop and awareness of audience needs. ***Performance is mandatory;*** each student will be required to complete a technical component in addition to their acting role. Students will be required to complete a number of service learning hours and rehearsal outside of class time as part of the course. Drama 12 curriculum mandates that the class run as a season of repertory theatre. It relies on teamwork to bring theatre to both school and community audiences.

ENGLISH 10

ACADEMIC (PSP)

Prerequisites: English 9

English 10 is a mandatory course for all grade 10 students. The class focuses on developing student's ability to meet the requirements of the curriculum outcomes including speaking and listening, reading and viewing and writing and representing through a variety of teaching methods and learning experiences. Students will build upon the knowledge obtained in grade 9 English Language Arts. This course will offer opportunities for students to develop their ability to communicate orally critically examine a variety of texts and further develop writing skills. English 10 will prepare students for English 11 Academic and English Communications. All students in Grade 10 English will write the Nova Scotia Provincial Exam.

ENGLISH 11

ACADEMIC (PSP)

Prerequisites: English 10

English 11 is designed to prepare students for English 12 Academic which is university preparatory course. The class focuses on developing student's ability to meet the requirements of the curriculum outcomes including speaking and listening, reading and viewing and writing and representing through a variety of teaching methods and learning experiences. Students will build upon the knowledge obtained in grade 10 English. This course will offer opportunities for students to develop their ability to communicate orally critically examine a variety of texts and further develop formal writing skills. English 11 will prepare students for English 12 Academic and English Communications 12.

ENGLISH

COMMUNICATIONS 11

GRADUATION (PSP)

Prerequisites: English 10

This course meets the Grade 11 English requirement and is a non-university preparatory course. Students planning on enrolling in most community college courses after graduation can enroll in English 11 Communications. The class focuses on developing student's ability to meet the requirements of the curriculum outcomes including speaking and listening, reading and viewing and writing and representing through a variety of teaching methods and learning experiences. Students will build upon the knowledge obtained in grade 10 English. This course will offer opportunities for students to develop their ability to communicate orally critically examine a variety of texts and further develop practical writing skills. English Communications 11 will prepare students for English Communications 12.

ENGLISH 12

ACADEMIC (PSP)

Prerequisites: English 11 Academic

English 12 Academic is a university preparatory course and is required for admission to all university programs. The class focuses on developing student's ability to meet the requirements of the curriculum outcomes including speaking and listening, reading and viewing and writing and representing through a variety of teaching methods and learning experiences. Students will build upon the knowledge obtained in grade 11 English. This course will offer opportunities for students to develop their ability to communicate orally, critically examine a variety of texts and further develop formal writing skills.

ENGLISH 12 AFRICAN HERITAGE

ACADEMIC (PSP)

Prerequisite: English 11AC/AD

African Heritage is designed to prepare students to meet key stage outcomes for Grade 12: Speaking and Listening: Reading and Viewing; and Writing and Other Ways of Representing, through a variety of learning and teaching strategies, and assessment practices. This course will engage students in a critical and analytical response to numerous literary texts, with a major focus on African Heritage, including: short fiction, the novel, poetry, spoken word, and various elements of African oral traditions. Students are given increased opportunities to demonstrate their ability as thoughtful, critical readers/viewers of literary and other texts. Effective argument is emphasized in oral, written forms and other ways of representing. English 12 African Heritage fulfils the English language arts requirements for graduation. All students will write the Nova Scotia Provincial Exam.

ENGLISH
COMMUNICATIONS 12
GRADUATION (PSP)

Prerequisites: English 11 Academic or English 11 Communications
This course is a non-university preparatory course. Students planning on enrolling in most community college courses after graduation can enroll in English 12 Communications. The class focuses on developing student's ability to meet the requirements of the curriculum outcomes including speaking and listening, reading and viewing and writing and representing through a variety of teaching methods and learning experiences. Students will build upon the knowledge obtained in grade 11 English. This course will offer opportunities for students to develop their ability to communicate orally critically examine a variety of texts and further develop practical writing skills.

ENTREPRENEURSHIP 12
ACADEMIC (PSP)

The purpose of this course is to develop the values, skills and attitudes of entrepreneurs as well as to learn the specific skills associated with running one's own business. These are desirable attributes for whatever career choices a student may make. An action component of running ventures (businesses) will be a major part of the course. As well, small collaborative group work, a variety of projects will be used extensively.

EXPLORING TECHNOLOGY 10
OPEN (PSP)

This technology course provides students with hands-on activities and introduces them to a broad spectrum of technological concepts. This course is designed to give students a foundation of skills needed to successful in the more advanced technology courses such as Multimedia 12, Communication Technology 11/12, Production Technology 11/12. Throughout the course students will:

- design and construct mechanisms that solve real world problems using principles of hydraulics and pneumatics
- use computers to design building plans, structures and shapes

- create and design vector graphics using Inkscape
- design and build robots to solve realistic problems and compete against other teams

FILM AND VIDEO PRODUCTION 12
ACADEMIC (PSP)

Filmmaking is a complex and multifaceted art form. Although it gathers influence from painting, photography, theatre, and literature, there are several processes unique to it such as cinematography and editing. FVP 12 will actively engage you in aspects of all of these by having you learn in a range of purposeful and challenging experiences that I hope you will find personally meaningful. These experiences are centered on hands-on activities, investigations, taking risks, and making new discoveries and connections. Most importantly you will be encouraged to be independent learners; following your own interests and pursuing you own ideas.

FITNESS LEADERSHIP 11
OPEN (PSP)

Fitness Leadership 11 is a training course involving practical experience using different pieces of equipment, to learn fitness instruction. At the end of the training, students have an opportunity to become certified youth fitness instructors along with obtaining their CPR/ First Aid certification. Coupled with the practical experience, Fitness Leadership has a theoretical component focusing on human kinetics, exercise physiology and anatomy which is an excellent base for those who wish to

pursue anything pertaining to fitness, health, recreation, or education. **Students will be expected to be physically active on a regular basis and also participate in a practical experience.**

FOOD TECHNOLOGY & FOOD PREPARATION 10

OPEN (PSP)

Through food preparation and presentation, students will develop skills which may be transferred to food service skills in the workplace. Students will be provided with practical experiences in food preparation and service. They will look at the impact of technology on the preparation of food at home and at work. Meal Planning and Preparation, Food Service and Hospitality; Food Handling Procedures; Health and Safety in the Food Industry and Food Marketing are some of the topics covered. As part of the student's evidence of achievement of outcomes, students will be required to demonstrate their learned skills in the preparation of food, and organization of the lab in order to provide the very successful Breakfast for Learning program at Auburn Drive High School.

FRANÇAIS IMMERSION 10 ACADÉMIQUE (PSP)

Prerequisite: Grade 9 Immersion French.

This course covers the four skills of listening, speaking, reading and writing. A number of themes will be explored (bilingualism, autobiography, poetry, etc.) through a variety of literary forms: articles, essays, short stories, novels and plays. Students are expected to do written projects and oral presentations and participate actively, both individually and in groups. This is a French Immersion course. Speaking French is a major outcome and failure to do so may result in a failing grade and possible removal from the French Immersion program.

FRANÇAIS IMMERSION 11

ACADÉMIQUE (PSP)

Prerequisite: FRE10F

This is a French Immersion course. Speaking French is a major outcome and speaking English will not be permitted or accepted and will result in loss of credit or removal from the French Immersion program. Students will continue to develop their French

skills in the areas of listening, speaking, reading and writing. This is a very interactive course. Students will be expected to actively participate. They are responsible to produce oral and written reports of an expressive and informative nature. Reading and literature will include short stories, poetry, novels, and articles.

FRANÇAIS IMMERSION 12

ACADÉMIQUE (PSP)

Prerequisite: FRE11F

This is a French Immersion course. Speaking French is a major outcome and speaking English will not be permitted or accepted and may result a failing grade and possible removal from the French Immersion program. Students will continue to develop their French skills in the areas of listening, speaking, reading and writing. This is a very interactive course. Students will be expected to actively participate. They are responsible to produce oral and written reports of an expressive and informative nature. Reading and literature will include short stories, poetry, novels, plays and articles. Reading and literature will include ads, letter writing, a CV and excerpts from various plays.

GEOLOGY 12

ACADEMIC (PSP)

This is a Grade 12 course that qualifies for a 2nd Science credit. Geology is a physical and historical scientific study of the earth. This course contains a balanced survey of the various aspects of the subject with a greater emphasis placed on the physical components. Considerable emphasis is placed on Canadian and Nova Scotian environments. Labs and projects form an integral part of the course. Topics include Cosmology, the earth in time and space, geophysics, plate tectonics, seafloor spreading, earthquakes and volcanism, geochemistry, crystallography, mineralogy and the classification of igneous rocks, geomorphology; weathering, erosion, deposition, and topography, structural geology; mapping, formations and stratigraphy, environmental and economic geology; fossil fuels, offshore oil and natural gas, the coal and steel industry. Learn how to name and identify the common rocks and minerals found in Nova Scotia.

GLOBAL GEOGRAPHY 12/12F

ACADEMIC (PSP)

Global Geography is a grade 12 course which may be used to satisfy the global studies requirement for successful completion of the high school program. This course examines the present state of the world by looking at how our planet got to this state and also considers possible alternatives for the future. It features five units: The Global Geographer, The Planet Earth, Population, Resources and Commodities and Urbanization.

GLOBAL HISTORY 12

ACADEMIC (PSP)

Global History is a grade 12 course which may be used to satisfy the global studies requirement for high school completion. This course examines 20th century and focuses on the post-World War II era. It features five units: The Global Historian, The Dynamics of Geo-Political Power, The Challenge of Economic Disparity, The Pursuit of Justice and Societal Change. Topics may include the Cold War, political ideology, wealth and poverty, human rights, International Humanitarian Law, and global interdependence.

HEALTH AND HUMAN SERVICES 12

ACADEMIC (PSP)

The course provides students with an introduction to the skills and knowledge involved in careers related to the health and human services domain. Health and Human Services students will explore human development, ethics, helping process,

interpersonal and personal development, wellness, written and verbal communications and related computer applications. Group work, case studies, community projects, and agency interaction are some of the learning strategies used to ensure practical application of the theory studied. Community-Based Education (volunteering and/or service learning) is a required component used to enhance the knowledge and skills developed in the classroom.

Module Titles:

- Overview of the Helping Field
- Volunteer Experience
- Health & Human Services Systems
- Career Connections
- Personal and Professional Skills

HISTORY 11
ACADEMIC (PSP)

Pre Advanced Placement (to be taken in conjunction with World History 12 AP)
This course covers the major developments in technology, political systems, rights and knowledge from the middle Ages to modern times. Its focus is on European events and trends, absolutism, revolution, ideology, rights, conquests, and growth of empires. The French Revolution, Napoleonic era, Industrial Revolution, communism and the world wars are major topics.

HUMAN BIOLOGY 11
GRADUATION (PSP)

This is a Grade 11 course that qualifies for a 2nd science credit.
This course offers an alternative second science credit for students not pursuing a career in science. This course does not lead to further studies in Biology. This course examines the systems of the human body in a way that allows the student to gain a personal understanding of his or her own body. The program focuses on the individual but also examines how society affects personal decision-making as it relates to issues surrounding the major systems of the human body. The major systems covered may include digestive, respiratory, circulatory, excretory, nervous, and reproductive systems. These will be studied using the topics of - nutrition, cardiovascular fitness, and diseases of the body. Student progress will be assessed using a variety of techniques including lab work, both group and individual projects, assignments and tests.

INVESTMENT AND FINANCE 12
ACADEMIC (PSP)

In This course will prepare students for the rigors of investment and financial security. Topics include financial planning (income tax, banking, budgeting); methods of investment (stocks, bonds, mutual funds, T-bills, RRSPs and RESPs), including competing in a stock market simulation; risk and return; life-stage investing; and investment math (yields, returns, fees and commissions). By the end of the course, students will have a solid foundation of investment strategies and will be well prepared to start their own investment portfolio. Students should be comfortable using basic math skills to solve a variety of word problems.

LAW 12 / 12F
ACADEMIC (PSP)

This course is offered to grade 12 students and may include grade 11 students at the discretion of the teacher/counsellor. The law course is designed to provide students with an understanding of our legal system and the impact it has upon society. This course will illustrate to students possible routes to take to obtain remedies to problems being experienced. Topics include: The Youth Criminal Justice Act, Canadian Charter of Rights and Freedoms, criminal law - jury process, sentencing, etc.; civil law - injuries and remedies; and family relations. Guest speakers will highlight certain aspects of the course. For the information of students taking LAW12F speaking French is a major outcome in this course. Speaking English during class time could result in loss of credit.

LEARNING STRATEGIES 10 GRADUATION (PSP)

This course is selected in consultation with the School Planning Team.

Students will gain transferable skills and strategies that will enhance and increase student's school engagement and support their efforts towards credit acquisition in other course/subject areas. Students in the Learning Strategies courses are selected and approved through the school planning process. Students in the Learning Strategies course will work towards becoming more effective and independent learners. This will be accomplished across five areas: Awareness of Self and Others, Organizational Skills, Transition Skills,
Literacy, Numeracy**.**

LEARNING STRATEGIES 11 GRADUATION (PSP)

This course is selected in consultation with the School Planning Team.

Students will gain transferable skills and strategies that will enhance and increase student's school engagement and support their efforts towards credit acquisition in other course/subject areas. Students in the Learning Strategies courses are selected and approved through the school planning process. Students in the Learning Strategies course will work towards becoming more effective and independent learners. This will be accomplished across five areas: Awareness of Self and Others, Organizational Skills, Transition Skills, Literacy, and Numeracy.

LEARNING STRATEGIES 12 GRADUATION (PSP)

This course is selected in consultation with the School Planning Team.

Students will gain transferable skills and strategies that will enhance and increase student's school engagement and support their efforts towards credit acquisition in other course/subject areas. Students in the Learning Strategies courses are selected and approved through the school planning process. Students in the Learning Strategies course will work towards becoming more effective and independent learners. This will be accomplished across five areas: Awareness of Self and Others, Organizational Skills, Transition Skills,
Literacy, Numeracy.

MATHEMATICS PROGRAMS
IMPORTANT INFORMATION
FOR GRADE 10'S

- Mathematics Essentials 10: (110 hours), 1 graduation credit
- Mathematics at Work 10: (110 hours), 1 graduation credit
- Mathematics 10: (220 hours), 2 academic credits

MATHEMATICS ESSENTIALS 10
GRADUATION (PSP)

This course will be presented as a 110-hour course.
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 pre-requisites.
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 a car.

MATHEMATICS AT WORK 10
GRADUATION (PSP)

This course will be presented as a 110-hour course.
Mathematics at Work 10 is an introductory high school mathematics course which demonstrates the application and importance of key math skills.

The new Mathematics at Work courses are designed to provide students with the mathematical understandings and critical-thinking skills identified for direct entry into the work force 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.

MATHEMATIC 10

ACADEMIC (PSP)

This course will be presented as a 220-hour course. 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 pre-requisite 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 220-hour, two-credit course.

All students following the academic or advanced pathway will need to take Mathematics 10 followed by Mathematics 11. These courses are to be taken consecutively, not concurrently.

There are two typical pathways for students who successfully complete Mathematics 10:

- For those students intending to follow the academic pathway, Mathematics 10 will be followed Mathematics 11 and then 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 do not require the study of theoretical calculus).

- For those students intending to follow the advanced pathway, Mathematics 10 will be followed by Mathematics 11, then Pre-Calculus 11 and Pre-Calculus 12.

Alternatively, students who successfully complete Mathematics 10 may choose to select a graduation credit in grade 11.

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.

Advanced Pathway

Students who are planning to take Calculus in their Grade 12 year must choose Mathematics 11 and Pre-Calculus 11in their Grade 11 year. This must be followed by choosing Pre-Calculus Mathematics 12 in the first Semester of their Grade 12 year, followed by Calculus in Semester 2 of their Grade 12 year.

Students taking Pre-Calculus mathematics courses will typically have been very successful in prior mathematics courses and will remain successful because of their level of understanding of their previous experiences, their willingness and ability to work in the abstract, and their work ethic. Pre-Calculus courses will typically include:

- More challenging open-ended problem solving taken to a higher level of abstract thinking.
- More problems that involve many concepts and skills in one context.
- Greater use of and need for algebraic manipulation
- More experience with logic and deductive reasoning
- More opportunity for reading and independent research.

MATHEMATICS 10 (AFRICENTRIC COHORT)

ACADEMIC (PSP)

This course will be presented as a 220-hour course. This will mean that students will have mathematics class every day for their grade 10 year. Mathematics 10 (Africentric Cohort) is an Africentric academic high school mathematics course designed for African Nova Scotian learners. It is a pre-requisite for all other academic and advanced mathematics courses. Teachers use cultural characteristics, lived experiences, and perspectives of African Nova Scotia students as a means to teach and assess them equitably and with rigour. This course will be supplemented with hands-on community-based experiences, including learning partnerships with local universities. Students in Mathematics 10 for African Nova Scotian Learners will follow the same curriculum outlined in the PSP for Mathematics 10 and will explore the following topics through an Africentric lens: 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.
The cohort of students who register for this course in 2020-21 will be encouraged to continue their academic math studies in Math 11 in the 2020-21 school year, and it is our hope that the cohort students will continue into Pre-Calculus 11, Pre-Calculus 12, and AP Calculus 12.
Note: Mathematics 10 for African Nova Scotian Learners is a two-credit course. This course runs with the Canadian History 11 Course (Africentric Cohort)

MATHEMATICS ESSENTIALS 11

GRADUATION (PSP)

This course will be presented as a 110-hour course.

Prerequisite: Successful completion of Mathematics Essentials 10 or Mathematics at Work 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 pre-requisites.

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 3-D design, mathematics in content areas such as science and social studies.

MATHEMATICS AT WORK 11

GRADUATION (PSP)

This course will be presented as a 110-hour course.

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 work force 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 Mathematics for the Workplace 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.

EXTENDED
MATHEMATICS 11
ACADEMIC (PSP)

Extended Mathematics 11 (academic, 2 credits)

Prerequisite: Successful completion of Mathematics 10.

Extended Mathematics 11 is a 220-hour course that is scheduled over the duration of the school year, September to June. Students who successfully complete this course will receive one grade 11 academic mathematics credit and one grade 11 technology credit.

Extended Mathematics 11 is an academic high school mathematics course. Students who select Extended Mathematics 11 will complete the curriculum outcomes for the semestered Mathematics 11 course and additional concepts in Statistics and Data Analytics. They will have extra time to explore concepts using a variety of learning experiences and use technology to enhance their learning.

The typical pathway for students who successfully complete Extended Mathematics 11 will be to take Mathematics 12. Alternatively, students who successfully complete Extended Mathematics 11 may choose to select either Mathematics at Work 12 or Mathematics Essentials 12. While not the typical pathway, Extended Mathematics 11 can also be used as a pre-requisite for Pre-calculus 11. These courses are to be taken consecutively, not concurrently.

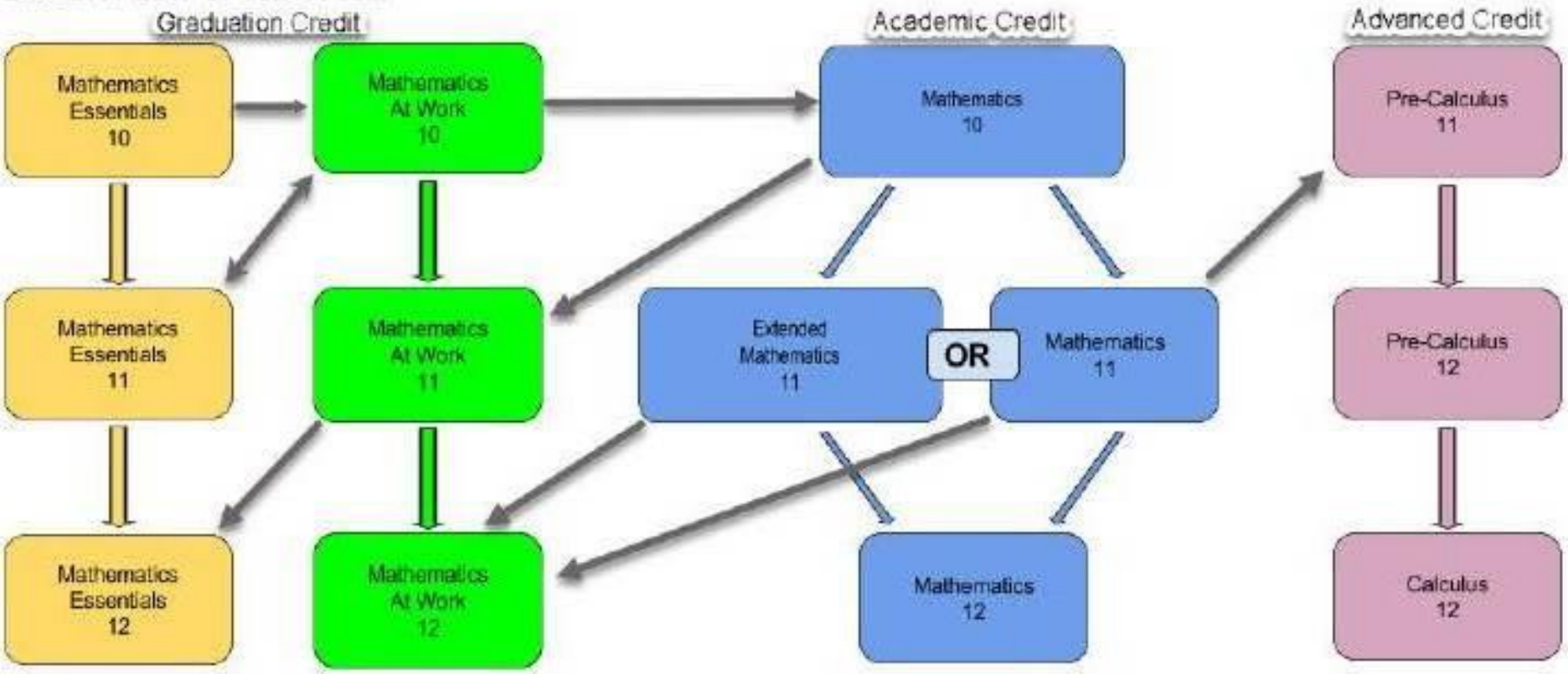
* Students in Extended Mathematics 11 will explore the following topics: linear programming, applications of rates, scale diagrams and factors, inductive and deductive reasoning, an introduction to proof, cosine law, sine law, spatial reasoning, statistics, systems of linear inequalities, and quadratic functions, inference making from statistical summa-ries, analyzing and presenting data and how to extract meaning from data.

*Note: Students who complete Extended Mathematics 11 and then decide to take Pre-calculus 11 followed by Pre-calculus 12 should contact their guidance counselor for scheduling options.

Senior High Mathematics

Course Pathways

Effective: 2017-18 School Year



Legend:
Colour Arrows - Typical Pathway
Grey Arrows - Alternate Pathway
Small Box - 1 Semester (110hrs)
Large Box - 2 Semester (220hrs)

MATHEMATICS 11

ACADEMIC (PSP)

Prerequisite: Successful completion of Mathematics 10.

This course will be presented as a 110-hour course.

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)

For those students intending to follow the advanced pathway, Mathematics 11 will be followed by Pre-calculus 11, and then Pre-calculus 12.

Alternatively, students who successfully complete Mathematics 11 may choose to select a graduation level course in grade 12. 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.

PRECALCULUS 11

ADVANCED (PSP)

Prerequisite: Successful completion of Mathematics 11.

This course will be presented as a 110-hour course.

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. Alternatively, students who successfully complete Pre-calculus 11 may choose to select a graduation credit in grade 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 AT WORK 12

GRADUATION (PSP)

Prerequisite: Successful completion of Mathematics at Work 11 or Mathematics 11. The Mathematics at Work pathway is designed to provide students with the mathe-matical understandings and critical-thinking skills identified for direct entry into the work force 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 tendancy
- scatterplots
- linear relationships
- owning and operating a vehicle
- properties of polygons
- transformations
- trigonometry

MATHEMATICS ESSENTIALS 12

GRADUATION (PSP)

This course will be presented as a 110-hour course.

Prerequisite: Successful completion of Mathematics Essentials 11 or Mathematics at Work 11

This course teaches skills that directly relate to math that is used in a workplace setting. The math is practical and hands on. This course will help students to understand the relationships between their high school studies and a range of postsecondary destinations.
This course will be modular based and project oriented.
Note that this course can be used to fulfil the requirements of the three mathematics courses to graduate.
Units of study include: measurement; mathematics and career exploration; ratio, rate and proportion; and math preparation for the workplace.

MATHEMATICS 12

ACADEMIC (PSP)

Prerequisite: Successful completion of Mathematics 11 or Pre-calculus 11.

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 who select Mathematics 12 should have a solid understanding of the Mathematics 11 curriculum.

Students in Mathematics 12 will study the following topics:

- borrowing money
- investing money
- set theory
- logical reasoning
- counting methods
- probability
- polynomial functions

- exponential and logarithmic functions
- sinusoidal functions

PRE-CALCULUS MATHEMATICS 12

ACADEMIC (PSP)

Prerequisite: Successful completion of Pre-Calculus 11. 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
- functional operations
- Permutations, combinations and the binomial theorem.

CALCULUS 12AP

ADVANCED PLACEMENT (PSP)

Prerequisite: Successful completion of PreCal 11

This course is a developmental course in Mathematics in the field of calculus. Topics will include Average and Instantaneous Rates of Change, Limits and Continuity Differentiation, Applications of the Derivatives, Ant derivatives/Differential Equations and Areas and Integrals. The course would be of interest to those students who plan to pursue a Mathematics and/or Science post-secondary program of study. Students in this course will take Pre Calculus Mathematics 12 during the first half of the year and Calculus 12 during the second half of the year. Please note that there is limited use of calculators in this course.

There is an exam in May put on by the College Board which is scored from 1 to 5. A score of 4 or 5 earns university placement or credit but does not count toward the course mark. The material covered is the same as the course but the course finishes on completion of the AP exam.

STATISTICS 12 AP

ADVANCED PLACEMENT (PSP)

Prerequisites: Completion of Math 10 and a recommendation for PreCal 11

Develop analytical and critical thinking skills as you learn to describe data patterns and departures from patterns, plan and conduct studies, use probability and simulation to explore random phenomena, estimate population parameters, test hypotheses, and make statistical inferences. This course will prepare students for a university statistics course they will take as part of many Business and Science degree programs.

There is an exam in May put on by the College Board which is scored from 1 to 5. A score of 4 or 5 earns university placement or credit but does not count toward the course mark. The material covered is the same as the course but the course finishes on completion of the AP exam.

MI'KMAQ STUDIES 11

ACADEMIC (PSP)

Mi'kmaq Studies 11 is a course that serves not only to highlight the Mi'kmaq experience, but also to provide opportunities for learners to gain an understanding how they are connected to the history and culture of the First Peoples of the Maritimes. The course incorporates an inquiry-based approach and examines broad concepts such as governance, culture, justice, spirituality, and education. Students will analyse historical and contemporary Mi'kmaq issues, which enables them to achieve a greater understanding of, and respect for, both Mi'kmaq society and Mi'kmaq contributions to Canadian society.

MUSIC 10 (INSTRUMENTAL BAND)

ACADEMIC (PSP)

Prerequisite: Grade 8 or 9 instrumental band

Music 10 is the first level of instrumental music study at ADHS and is intended for students with a background in instrumental music. Although the course encompasses theory, history and performance, the emphasis of the course will be on performance. Performance skills will be developed through technique, skill development, solos, small ensemble and large ensemble literature. The theory portion of the course will consist of the rudiments of music up to the construction of triads and basic composition. A basic overview of the history of European music will be introduced through listening to music, study and research. Ensemble performance is mandatory, rehearsals are before school. All students will be required to participate in all class performances (some of which will be outside of the school day).

MUSIC 11 (INSTRUMENTAL BAND)

ACADEMIC (PSP)

Prerequisite: Music 10

Music 11 is the second level of instrumental music study at ADHS. All portions of the course are continuations of materials covered at the first level. Performance skills will be further developed through technique, solo, small ensemble and large ensemble literature. The history portion of the course will be the evolution of Jazz starting in Africa through R & B/Funk Music. The theory portion of the course will deal with transposition, elementary harmony and more com-position / arranging. Ensemble performance is mandatory, rehearsals are before school. All students will be required to participate in all class performances (some of which will be outside of the school day).

MUSIC 12 (INSTRUMENTAL BAND)

ACADEMIC (PSP)

Prerequisite: Music 11

Music 12 is the third level of instrumental music study at ADHS. All portions of the course are continuations of materials covered at the second level. Performance skills will be developed even further through technique, solo, small ensemble and large ensemble literature. The theory portion is a continuation of the skills learned in MUS11 with emphasis on the realization of figured bass and melodic harmony in four parts as well as composing original tunes for ensembles. The Music History portion of the course will deal with a more in depth look into student's interest in Music in individual research projects. Ensemble performance is mandatory, rehearsals are before school. All students will be required to participate in all class performances (some of which will be outside of the school day).

MUSIC DRUMLINE 10

ACADEMIC (PSP)

Beginners Welcome

Drumline 10 is the first level of the drumline course at ADHS and is intended for students with an interest in rudimental drumming. Although the course includes theory, his-tory and performance, the emphasis of the course will be on performance. Performance skills will be developed through technique, solo, small ensemble and large ensemble literature. Theory portion of the course will consist of the rudiments of music and basic composition. A basic overview of the history of percussion will be introduced through listening to music, study and research. All students will be required to participate in all class performances (some of which will be outside of the school day).

MUSIC DRUMLINE 11

ACADEMIC (PSP)

Drumline 11 is a continuation of the material covered at the first level (see Drumline 10). Although the course includes theory, history and performance, the emphasis of the course will be on performance. Performance skills will be developed through technique, solo, small ensemble and large ensemble literature. Theory will consist of the rudiments of music and basic composition. The history component will be a basic overview of the history of jazz through listening to music, study and research. All students will be required to participate in all class performances (some of which will be outside of the school day).

MUSIC DRUMLINE 12

ACADEMIC (PSP)

Drumline 12 is a continuation of the material covered in Drumline 10. Although the course includes theory, history and performance, the emphasis of the course will be on performance. Performance skills will be developed through technique, solo, small ensemble and large ensemble literature. The theory portion of the course will consist of more complex rhythmical arrangements as well as a continuation of melodic composition. The history portion of the course will deal with a more in-depth look into students' interest in music through individual research projects. All students will be required to participate in all class performances (some of which will be outside of the school day).

MUSIC VOCAL 10

ACADEMIC (PSP)

Beginners Welcome

Music 10 is the first level of vocal music study and is intended for students with an interest in singing and music. Although the course includes theory, history and performance, the emphasis of the course will be on performance. Performance skills will be developed through ear training, solfège, technical skills, solos, small ensemble and large ensemble literature. The theory portion of the course will consist of the rudiments of music. The history of musicals will be introduced through listening to music, study and research. All students will be required to participate in all class performances (some of which will be outside of the school day).

MUSIC VOCAL 11

ACADEMIC (PSP)

Music 11 is a continuation of the material covered in Music Vocal 10. Although the course includes theory, history and performance, the emphasis of the course will be on performance. Performance skills will be developed even further through ear training, solfège, technical skills, solos, small ensemble and large ensemble literature. Theory is a continuation of the

skills learned in Vocal10, solfège, note reading and more. The history component will include a basic overview of the history of jazz

through listening to music, study and research. All students will be required to participate in all class performances (some of which will be outside of the school day).

MUSIC VOCAL 12

ACADEMIC (PSP)

Prerequisite: Music Vocal 11 or permission of the instructor.

Music 12 is a continuation of the material covered at the second level (see Music Vocal 11). Although the course is divided between theory, history and performance, the emphasis of the course will be on performance. Performance skills will be developed even further through ear training, solfège, technical skills, solos, small ensemble and large ensemble literature. The theory portion is a continuation of the skills learned in MUS11 with emphasis on analysis of music and basic composition. The history portion of the course will deal with a more in depth look in to the history of music, Canadian music and careers in music through guest speakers, study and research. All students will be required to participate in all class performances (some of which will be outside of the school day).

OCEANS 11

ACADEMIC (PSP)

This is a Grade 11 course that qualifies for a 2nd science credit.

Oceans 11 offers students the opportunity to explore aspects of the local and global 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 oceanography with local economic and community interests. Student learning is assessed through observations, conversations and products using assessment tools like checklists, journals, assignments, labs, projects, presentations, quizzes, tests and exams.

Topics include: structure and motion (oceans, seas, gulfs and straits, the ocean bottom: origins and bathymetry, the properties of seawater, ocean currents, tides); marine biome (life in the oceans, habitats, open ocean versus coastal areas, fieldtrip, organisms and habitats); coastal zones (identifying coastal zones, variations in coastal zone structure and properties, the importance of costal zones to humans, keeping our costal zones); aquaculture (farming, fishing and food, what species? Where? Why?, water quality, site acceptance by the community, marketing the product, aquaculture related issues); and fisheries (fisheries are a unique resource, life cycle, models of fish stocks, fish population and management, technology in the fisheries, what does management mean?)

PHILOSOPHY 12

ACADEMIC (LAC)

This course is offered to grade 12 students and may include grade 11 students at the discretion of the department head/administration.

Do you enjoy asking questions? Can you ask good questions without feeling uncomfortable with answers that are uncertain or incomplete? Do you think logically and become frustrated or annoyed by answers that simply appeal to authority or emotion? Have you been exposed to philosophy?

This course will allow you to read and evaluate the claims made by some of the best thinkers and writers in the history of western civilization. Selected works from Plato, Rich, Descartes, Frye, de Saussure, Hume, Kant, Spivak, Kristeva, Nietzsche, Russell, and others will provide plenty of material for thought and reflection. Through the study of philosophy students will

have the opportunity to think about and debate some of the most important issues that have become central to western culture. Philosophy 12 is designed for highly motivated students who have demonstrated higher order thinking skills and the ability to work independently. This course is recommended for Grade 12 students only because of the expectations of the

course. Students should have high literacy skills because of the selected works they will be expected to read and know over the course of the semester.

PHYSICAL EDUCATION 10

OPEN (PSP)

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

PHYSICAL EDUCATION 11

OPEN (PSP)

Learning through competition and sport. This course will provide the opportunity for students to learn through playing and competing in team sports with 3 specific curriculum outcome modules.

- Module 1: Tactical and Strategic Game play.
- Module 2: Life Skills through Sport.
- Module 3: Sport in Society.

Students will be placed on a team and will remain on those teams for the semester as we play a wide variety of traditional and non-traditional team sports. During game play and classroom sessions we will discuss topics like: Team Chemistry, Team Culture, Role Acceptance, Coping and Self-Management strategies within stressful game settings, and Sports Impact on Society.
Students will be required to do written assignments, online research and demonstrate a practical application of acquired skills in multiple game play settings. The concept of working as a team, communication and accepting roles depending on the situation/ game will be a primary emphasis. There will be daily fitness and physical activity.

PHYSICAL EDUCATION 11 (BASKETBALL FOCUS)

OPEN (PSP)

A themed specific class that would focus on basketball for 60% of the subject matter. Lessons would include basic fundamental and sport specific skills along with offensive and defensive systems and how individual skill sets fit with team concepts. The remaining 40% of the class will explore concepts of: Physical Literacy, Team Culture, Leadership, Role Acceptance, Time Management and Stress -Management strategies. A variety of other games will be experienced to explain the importance of physical literacy and how the playing of multiple sports can impact a player both physically and mentally. Students will be taught the rules of the game with in-class officiating and have the opportunity to pursue certification to become a minor basketball official in our region which can be future employment opportunity. Learning Modules are:

- Module 1: Tactical and Strategic Game play.
- Module 2: Life Skills through Sport.
- Module 3: Sport in Society.

Students will be required to complete written assignments, online research and practical activities. Attendance is a must for success in this class.

PHYSICAL EDUCATION
YOGA 11
OPEN (LAC)

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, personal fitness, stress, consumer issues and fair and safe play while highlighting the connection between healthy living and being physically active.
Physical Education Yoga 11 will introduce students to various styles and characteristics of yoga. It is an expectation that students will develop a lifelong personal practice of yoga for personal fitness and recreation. Students will be participating in a variety of activities that will include both physical practice and classroom theory. The physical practice of yoga will include learning, developing, and practicing skills that involve strength, flexibility, endurance, balance, poise, regulation of energy, and mental focus, all of which can be applied to other physical activities. Classroom sessions educate students about the relationship between nutrition and fitness, the history and philosophy of yoga including values of non-violence, ethics, honesty and respect in the context of challenging physical activity.

The course is designed around the following themes:

Module 1 - Theory and History of Yoga **Module 2** - Study of *Yamas* (social and ethical guidelines) and *Niyamas* (discipline)
Module 3 - Physical Practice, Asanas (postures), Movement
Module 4 - Nutrition (including what is a proper yogic diet) whole foods, discussion of vegetarianism and other options
Module 5 - Positive thinking and meditation
Module 6 - Personal connections and growth

PHYSICAL EDUCATION 12
OPEN (PSP)
In this course, a large emphasis will be placed on physical fitness opportunities, outdoor pursuits as well as various individual and dual games. Students selecting this course will be involved in a variety of activities including weight training, cross country running, badminton, physical fitness, tennis, handball, golf, along with other selected activities when facilities are available. Leadership activities will be a part of the team sports unit. Students taking this course will be required to do written tests, assignments and examinations to show they understand the skills and rules. They will also be required to demonstrate the practical application of these skills in a game situation. A team concept with strategies will also be a main emphasis.

PHYSICAL EDUCATION LEADERSHIP 12
ACADEMIC (PSP)

Note: There is a major <u>theory</u> component in this course.
Entrance into this course will be determined by an interview with the instructor and administration.
This course is designed for students who have an interest in the theory and function of leadership. The course will focus on outdoor and indoor individual, dual and team recreational activities. The student will develop personal skills, a good attitude and a sense of responsibility. Group projects and co-operation will be emphasized in this course. A major component of the student's evaluation will be teaching and leading physical education classes at the high school and elementary level. Students will also be required to become involved with Auburn High athletics in some leadership capacity. (i.e. setting up

intramurals, helping to score keep for a team, etc.). Students will be responsible for completing a ten-hour volunteer community project in a leadership capacity.

PHYSICALLY ACTIVE LIVING 11 / 11F

OPEN (PSP)

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, personal fitness, stress, consumer issues and fair and safe play while highlighting the connection between healthy living and being physically active.

PHYSICS 11

ACADEMIC (PSP)

Recommended: Math 10 and Science 10

Physics is a body of knowledge about the world around us. The knowledge of physics will provide you with the necessary background for the future study of science at university, technical or community colleges.
Success in physics requires an ability to understand and apply mathematical concepts. Lab experiences form an integral part of the course.
Topics include: motion, velocity, acceleration, forces, work, power, energy, waves, sound and light.

PHYSICS 12

ACADEMIC (PSP)

Prerequisite: Physics 11 Physics 12 is a continuation of Physics 11. Physics and a number of other sciences are required to get into medicine, some sciences, forestry, engineering, some vocational courses and other postsecondary institutions. Topics include: forces, impulse momentum, static electricity, current electricity, magnetism, modern and nuclear physics.

SCIENCE 10 / 10F

ACADEMIC (PSP)

Science 10 is an introduction to high school science. The course consists of four major units of study: physics of motion, sustainability of ecosystems, chemical reactions and weather dynamics. Lab experiences form an integral part of the course. Science 10 provides a foundation for those students who whis to do further study in biology, chemistry and physics.

SKILLED TRADES 10

OPEN (PSP)

Skilled Trades 10 is a career exploration course suitable for all students in grade 10.

The course provides students with a unique mixture of classroom and workplace activities. These activities enable students to learn about and directly experience what life in the skilled trades has to offer. Students work with the same set of hand tools used by professional trades people in the construction industry to complete real construction tasks and building projects.
Because the Skilled Trades 10 curriculum offers very real trades work, it is delivered in a new learning environment called the Skilled Trades Centre. Designed by experienced trades educators, the Skilled Trades Centre is a large work area that

serves as a construction site, workshop, and instructional area. This innovative blend of instructional and construction space underscores the value of giving the skilled trades a prominent place in the high school curriculum inside the academic environment.

SOCIOLOGY 12

ACADEMIC (PSP)

This course is offered to grade 12 students and may include grade 11 students at the discretion of the teacher/counsellor. Sociology focuses on the study of people in groups and will examine sociological theories, sociological imagination, the process of socialization, various components of culture, many aspects of human behaviour and social organization. Students are expected to demonstrate an ability to independently acquire, process and utilize information that will be assessed through a variety of methods including position papers, research projects, and presentations. The course is suited to mature students in grade 12 with a level of proficiency in essential skills already well developed. The program will prepare students with the communication skills and processes necessary to function in society. Specific topics may include; personality, research, perception, learning, psychosis, prejudice, discrimination, conformity, deviance, social control, violence, and popular culture.

VISUAL ART 10

ACADEMIC (PSP)

Previous experience in art is not necessary. This course is the foundation of the Senior High art program. It endeavours to provide students with a basic understanding of art principles and techniques. The main components of the course will include instruction in drawing and design, painting, sculpture, print making, and mixed media. Culturally diverse art history and art theory will be an integral part of this course. Emphasis will be on the exploration of mediums and techniques basic to art making. Students will also be introduced to the basic elements and principles of art and design.

VISUAL ART 11

ACADEMIC (PSP)

The core components of this course will include drawing and design, painting, print-making, sculpture, and mixed media. This course is an extension of the material covered in the first level Art 10 and the student will be expected to assemble a portfolio of his or her work during this course. Art theory elements and principles of art and design as well as art history will be an integral part of this course.

VISUAL ART 12

ACADEMIC (PSP)

The core components will include drawing and painting (acrylic and water colour), print-making, sculpture and mixed media. Art history will be integrated throughout the projects. This course is an extension of materials covered in Art 11. Students will be expected to assemble a portfolio of work and to select one area of interest (from the core components) for an in-depth study. This course will be of benefit to students who plan to attend an Art College or who plan to student Fine Arts at a University level. While all students will continue to develop and refine their art making skills, it is important to note that artwork for a Post-Secondary entrance portfolio is predominately made up of artwork done outside of class time and does not consist of Art 12 projects. The projects within this course are designed for a broader array of students who have developed their creative skills in Art 10 and 11 and who are very interested in art making but who are not necessarily going to study art at a Post-secondary level.

WORLD HISTORY AP 12

ADVANCED PLACEMENT (PSP)

Students must also register for History 11 European

The Advanced Placement World History course is designed for highly motivated college - bound students who have demonstrated academic achievement, higher order thinking skills, and the ability to work independently. The course covers all periods of world history with emphasis on political, economic, cultural, and social history form the time of the first civilizations through the modern era. Students will read and write extensively and develop individual and group projects throughout the course.

The AP World History course is an academic, yearlong course with an emphasis on non-Western history. The course relies heavily on college-level texts, primary sources, and outside readings. Students will be required to participate in class discussions, as well as in-group and individual projects. A special emphasis will be given to historical writing through essay and document-based questions. In addition, objective exams, simulations, and integrated computer-technology assignments will be incorporated into the curriculum.

AP World History is an academically rigorous course that can easily become overwhelming if you get behind in your work. There are substantial reading assignments almost nightly, and quizzes are not uncommon. Additionally, students will be required to write essays throughout the course. Students must quickly become accustomed to presenting clear, concise, relevant and well-substantiated arguments in their written assignments, as well as in class discussions. It is also imperative that you keep up with all assignments. Advanced Placement. World History is a college level course. Many college freshmen and sophomores are currently enrolled in a similar course at the university level.

Websites of Interest

Acadia University	www.acadiau.ca
Cape Breton University	www.cbu.ca
College de l'Acadie	www.ccfne.ns.ca
Dalhousie University	www.dal.ca
Holland College	www.hollandc.pe.ca
Memorial University	www.mun.ca
Mount Allison University	www.mta.ca
Mount Saint Vincent University	www.msvu.ca
NS Agricultural College	www.nsac.ns.ca
NS College of Art & Design	www.nscad.ns.ca
Nova Scotia Community College	www.nscc.ns.ca
St. Francis Xavier University	www.stfx.ca
Saint Mary's University	www.stmarys.ca
Saint Thomas University	www.stthomasu.ca
University of Kings College	www.ukings.ns.ca
University of New Brunswick	www.unb.ca
University of Prince Edward Island	www.upie.ca
Universite Sainte-Anne	wwww.usainteanne.ca

Private Career Colleges	www.pcc.ednet.ns.ca
Canadian Armed Forces	www.dnd.ca
Education And Early Childhood	www.ednet.ns.ca
Student Assistance	novascotia.ca/studentassistance/

Important Course Selection Dates:

Junior High

VISITS BY HIGH SCHOOL

January 30, 2020 (9am) - Astral Drive Junior High

January 30, 2020 (1pm) - Graham Creighton Junior High

PARENT EVENING FOR GRADE 9 PARENTS

February 10, 2020

Information meeting for parent(s)/guardian(s) of Grade 9 students

Auburn Drive High School Cafetorium (6:30pm)

(Please enter through the North Entrance)

Check the Guidance Website for a good selection of resources on career development, post-secondary programs and scholarship information