



OHS COURSE SELECTION HANDBOOK

*TUNING IN TO
YOUR CHOICES,
YOUR FUTURE!*



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Vision: Oromocto High School will be a healthy, resilient community leading in innovation and adapting to a changing world.

Mission Statement: Well-Being, Resiliency, Innovation, Adaptation.

INTRODUCTION

The Oromocto High School staff believes that high school curriculum should focus on preparing students for the transition from school to a rapidly changing world, to enter the workplace, to be lifelong learners, and productive members of society.

This booklet has been prepared for students entering grade eleven or twelve in the school year 2025-2026. It provides all the information necessary to complete the student-planning sheet and should be read carefully. Students should do the following before completing the option sheet:

1. Read the course descriptions (paper copies provided in homeroom, digital copy posted to the school website)
2. Choose the compulsory and optional courses that will enable the student to qualify for a New Brunswick High School Diploma.
3. Discuss the choices at home. Speak with a School Counselor, Teacher Advisor, or the School Administration to ensure the courses meet the student's needs.

SCHOOL OFFICIALS WILL ADVISE, BUT THE ULTIMATE RESPONSIBILITY FOR COURSE SELECTION LIES WITH STUDENTS AND THEIR PARENT(S) OR GUARDIAN(S).

Receiving a graduation diploma does not guarantee admission to further education. It is the responsibility of students to ensure their course selections qualify them for admittance to further studies after high school. School Counselors are available to assist students with making the choices to ensure students' goals are met.

THE SCHOOL RETAINS THE RIGHT TO WITHDRAW COURSES LISTED HEREIN BASED ON REGISTRATION DATA AND AVAILABILITY OF TEACHING STAFF. SOME COURSES ARE OFFERED IN ALTERNATE YEARS.

THE 4 YEAR SCHOOL PLAN

Requirements	GRADE 9 (no credits hours are earned in grade 9)	GRADE 10	GRADE 11	GRADE 12
Language and Literacy (24 C.H.)	English Language Arts 9A	English Language Arts 10 Foundational	ELA FND 113/112	English Language Arts 122/123
	English Language Arts 9B	English Language Arts 10 Extended	Literacy Cluster Choice	
	FILA 9/Post Intensive French 9 or Wolastoqey 9	FILA 10/Post Intensive French 10 or Wolastoqey 10		
Mathematics (12 C.H.)	Math 9 A	Geo Measure & Fin 10	Math Pathway Choice	Number of Electives based on cluster requirements remaining
	Math 9 B			
Humanities (8 C.H.)	Social Studies 9	Civics 10	Humanities Cluster Choice	
Science (8 C.H.)	Science 9	Science 10	Science Cluster Choice	
PERSONALIZED WELLBEING (20 C.H. in total)	PE/Wellness 9	4 Cluster course choices	Number of Electives based on cluster requirements remaining	
Wellness and PE (4 C.H.)	Tech 9			
Creative Arts (4 C.H.) Career Connected (4 C.H.)	Music/Art			
CORE Cluster Electives (20 C.H.)				
<p>Based on Draft Policy 316B, Nov 11/2022 All 2026 Graduates:</p> <ul style="list-style-type: none"> • Have met the learning requirements in K-9 curriculum • Have completed compulsory credit hours 10-12 • Have accumulated 100 credit hours to apply for graduation • Have developed a career-life plan in my Blueprint 				

HIGH SCHOOL GRADUATION REQUIREMENTS

Policy 316B indicates that as of 2026, graduates must:

- have met learning requirements prescribed in Grade 9 curriculum
- have completed compulsory credit-hours in Grades 10 through 12
- have accumulated 100 credit-hours to apply for graduation
- have developed a documented career-life plan

Students can begin to accumulate credit hours in courses once they have met the learning requirements prescribed for the Grade 9 curriculum in the corresponding subject area or equivalent. Students will be eligible to graduate when the graduation requirements are met.

The minimum acceptable grade of 60% is required in the learning expectations for high school courses. Students are required to accumulate the minimum credit-hours in each of the 7 subject area clusters and acquire a literacy credential by achieving a successful rating on the English Language Proficiency Assessment. Schools may apply to have a student exempt from the ELPA if the student is learning English as an additional language at A1-A2 levels in reading/writing. Students at B1 level and above should attempt the ELPA with universal accommodations.

Students are required to accumulate:

- 80 total credit-hours from the list of compulsory courses and options in the cluster areas. [72 credit-hours from list of compulsory outcomes + 8 credit-hours from any cluster]
- a minimum of 20 additional credit-hours which may include elective courses, up to 8 credit-hours from Challenge for Credit Courses, 4 credit-hours for Independent Study, and/or 8 credit-hours for Locally Developed Courses

FRENCH IMMERSION REQUIREMENTS

French Immersion students must complete 50% of the Grade 9 curriculum and 40 credit hours in Grades 10-12 in French.

COMPULSORY CREDITS

	Core Clusters	Required	Compulsory
	Language Arts and Languages	24 credit hours	PIF/FILA 10, ELA 10, ELA 11, ELA 12 (all of these are 4 credits hours) AND 8 credit hours of options from Language Arts and Languages
	Humanities	8 credit hours	Civics 10 and 4 credit hours from Designated History Course List
	Mathematics	12 credit hours	Geometry, Measurement and Finance 10 and 8 credit hours from Math
	Science	8 credit hours	Options from Science
	Creative Arts	4 credit hours	Options from Creative Arts
Personalized Well-Being	Wellness and Physical Education	4 credit hours	Options from Wellness Physical Education
	Career-Connected	4 credit hours	Options from Career, Information Communication Technology, Occupational, and Skilled Trades Options
	Options from the three Personalized Well-being Clusters	8 credit hours	Creative Arts, Wellness Physical Education, Career, Information Communication Technology, Occupational, and Skilled Trades
	Core Cluster	8 credit hours	Options from any of the following core clusters: Language Arts and Languages, Humanities, Mathematics, Science, Creative Arts, Wellness and Physical Education, Career-Connected
	Clusters Credit-hours Total	80 credit hours	Prescribed Courses Only
	Flexible Credit-hours Total	20 credit hours	Includes all Options for Credit
	Minimum Total Credit-hours for Graduation	100 credit hours	To apply to graduate

CREDIT HOURS AND SCHEDULING

Each prescribed course in Grades 10 – 12 is designed for 90 hours (4 credit-hours) of instruction. Any variation of this must be approved through the district office and must not compromise the breadth of instruction expected in the curriculum.

Credit-hours provide more flexibility to offer courses that do not run for an entire semester or that may continue beyond a semester. These alternative course lengths may be designed to award credit-hours outside the standard 4 credit-hours.

EARLY APPLICATION TO GRADUATE PROCESS

Students who have met the graduation requirements in Policy 316B have the option of applying to graduate early. This provides flexibility for students, regardless of age or grade level.

The process will require both a signed letter, review of graduation status and post-secondary requirements by the school, family/guardian, and student. The signed letter will include confirmation of:

- Graduation status
- Post-secondary entrance requirement comparison to completed courses
- Signatures of the following:
 - School Counsellor
 - Administration
 - Parent and/or Guardian
 - Student
- Acknowledgment of all agreed upon parties that the student has met graduation requirements and will not be attending school after the signed date.

ONLINE COURSES

New Brunswick Virtual Learning Centre (NBVLC) offers expanded learning opportunities to all high school students in the province by allowing registered students to access courses online, anywhere, anytime. Course offerings currently consist of over 40 high school courses, including all required courses at the grades 11 and 12 levels as well as many optional and advanced level courses. This allows students to access courses that, because of scheduling conflicts, illness, or limited course availability in their own schools, might not otherwise be available to them.

CHALLENGE FOR CREDIT

Challenge for Credit Notice of Intent and Letter of Agreement can be used for any course that is not required. Two courses may be challenged for credit in use towards meeting graduation requirements. Currently, if a course is challenged for credit, students will receive a Pass on the transcript if successful. Generally, compulsory courses are not challenged.

“FAST TRACK” OPTIONS

Fast track options provide learners with 4 credit-hours by simply submitting proof of completion. Current “fast track” options include: CADET level 4, Scout Exploration Activity Award, Duke of Edinburgh, Imagine NB, National Lifesaving Society, Girl Guides Trailblazer Award, Coach NB, Junior Achievement, Université de Moncton Explore Jeunesse and Junior High Programs, the Immersion Program of Université Saint-Anne, and les Jeunes chanteurs d’Acadie.

ESSENTIAL SKILLS PATHWAY TO GRADUATION

The essential Skills Achievement pathway (ESAP) Program is an opportunity for students to earn a high school diploma that prepares them for a post-secondary education, apprenticeship, or the world of work. The program consists of personalized learning opportunities that allow students to explore their skills, talents, abilities, and interests while intentionally attaining the 9 federally identified Essential Skills. Students apply and are selected for the ESAP program at OHS during their Grade 10 year. More information about Essential Skills Achievement pathway (ESAP) Program can be found at: <https://www2.gnb.ca/content/gnb/en/departments/education/k12/content/esap.html>

COURSES AND CLUSTER OPTIONS

Language Arts and Languages

Required: 24 Credit-hours and Successful completion of the English Language Proficiency Assessment

Compulsory:

PIF/FILA 10 (4CrH)

Grade 10: ELA 10 Foundations(4CrH) + ELA Extended 10 (4 CrH) for students entering Grade 10 in 2025)

Grade 11: ELA 112/3 (4CrH)

Grade 12: ELA 122/3 (4CrH)

4-8 credits hours from the following Options: ELA Extended 112, FILA 110/120, Post-Intensive French 110/120, Intro/Intermediate Wolastoqey 110, Writing 110, Canadian Literature 120, Journalism 120, Media Studies 120, Spanish 110/120, Technique de Communication 110/120.

Humanities

Required: 8 Credit-hours from the Humanities

Compulsory: Civics 10 (4CrH)

4 Credit-hours from one of the following designated History courses*: Wabanaki Studies 120, Modern History 112/3, World Issues 120, Ancient Medieval History 110

**Note: for Newcomers who arrived in New Brunswick at age 14+, and have ELL proficiency of CEFR A1-B1: Canadian Identities 9 may be 4credit-hours*

Optional Humanities Courses: Canadian Geography 120, Economics 120, Law 120, Sociology 120.

Mathematics

Required: 12 Credit-hours from Mathematics

Compulsory: Geometry, Measurement and Finance 10 (4CrH)

8 Credit-hours from the following Options: Number Relations and Functions 10, Financial and Workplace Mathematics 110 and/or 120, Foundations of Mathematics 110/120, Pre-Calculus 110, NBCC Math 1208 Dual Credit Skilled Trades Math 120, Pre-Calculus 120A/B, Calculus 120

Sciences

Required: 8 Credit-hours from Science

Compulsory: Science for Sustainable Societies 10 (for students entering Grade 10 in 2025)

4-8 Credit-hours from the following Options: Environmental Geoscience 110, Biology 112 Biology 122, Chemistry 112, Chemistry 122, Physics 112, Physics 122, Human Physiology 110, Introduction to Electronics 110, Introduction to Environmental Science 120, Auto, Electrical Systems 120*, Agriculture 110.

Personalized Well-Being

Required: 20 Credit-hours from the subclusters of Creative Arts, Wellness and Physical Education and Career, Information Communication Technology, Occupational, and Skilled Trades

Creative Arts

Compulsory Creative Arts 4 Credit-hour minimum: Creative Arts 110, Dramatic Arts 110/120, Graphic Art and Design 110, Music 10, Music 112, Music 120, Visual Arts 10, Visual Arts 110/120, Fashion Technology and Design 110/120, Media Studies 120, Digital Production 120, Photography 120.

Wellness and Physical Education / Compulsory Wellness and Physical Education 4 Credit-hour minimum:

Nutrition for Healthy Living 120, Outdoor Education 110, Physical Education 10, Psychology 110/120, Wellness through Physical Education 110, Sport and Recreation Leadership 120, Child Studies 120, Individual Family Dynamics 120.

Career Connected

Compulsory Career, Information Communication Technology, Occupational, and Skilled Trades 4 Credit-hour minimum:

Coop 120, Goals, Growth, and Grit 120, Pre-apprenticeship 1, 2 and 3 (Summer Learning Only)

Information and Communication Technology: Computer Science 110/120, Cybersecurity and Technology Support 110, Cybersecurity 120, Digital Production 120, Information Technology 120, Robotics and Automated Processing 120

Occupational: Agriculture 110, Business Organization and Management 120, Entrepreneurship 110, Fashion Technology and Design 110/120, Intro to Accounting 120

Skilled Trades: Automotive Electrical Systems 120, Culinary Technology 110/120, Electrical Wiring 110/120, Framing and Sheathing 110, Internal Combustion Engines 110, Intro to Applied Tech 110, Metals Fabrication/Welding 110/120, Mill and Cabinet Work 120, Power Train and Chassis 110, Residential Finish 120, Tune-up, and Emissions 120

GUIDANCE SERVICES

The Guidance offices are located in Room 36 on the first floor. Our Guidance Center is open to students throughout the day. Appointments are required during class time, but students are welcome on a walk-in basis in the morning before period one, during lunch hour, and after school.

Students are assigned to School Counsellors based on their last name:

Ms. Chevrier – Students with the last name starting with the letter: C – Go

Ms. Kokoski – Students with the last name starting with the letter: Gr – Mc

Ms. MacLeod – Students with the last name starting with the letter: Md-S

Ms. Collette- Students with the last name A-B and T-Z

HOW TO BOOK AN APPOINTMENT WITH YOUR OHS SCHOOL COUNSELLOR:

<https://tinyurl.com/OHSGuidanceAppt>



Step One: Pick your counsellor from the drop-down menu.

Step Two: Select a date and time.

Step Three: Enter your full name (first & last) and email.

Step Four: Select the topic you need to discuss. Step Five: Type your full name again and click "BOOK". You will get an email confirming your booking. All appointments are scheduled for the beginning of the period. Please arrive on time. When you leave your appointment, you will receive a BLUE SLIP from your counsellor.

Counsellors provide students with guidance/counselling services in the areas of career education, post-secondary options, student loans, scholarships, personal issues, wellness, and referrals to other services in our region. The Guidance Centre has a wide variety of academic information pertaining to Canadian Universities, Technical or Trade Schools, Community Colleges, Private Schools, and Apprenticeship Training. Students may obtain this information by meeting with a Counselor or by browsing through our many brochures, calendars, pamphlets, or school website via the Internet.

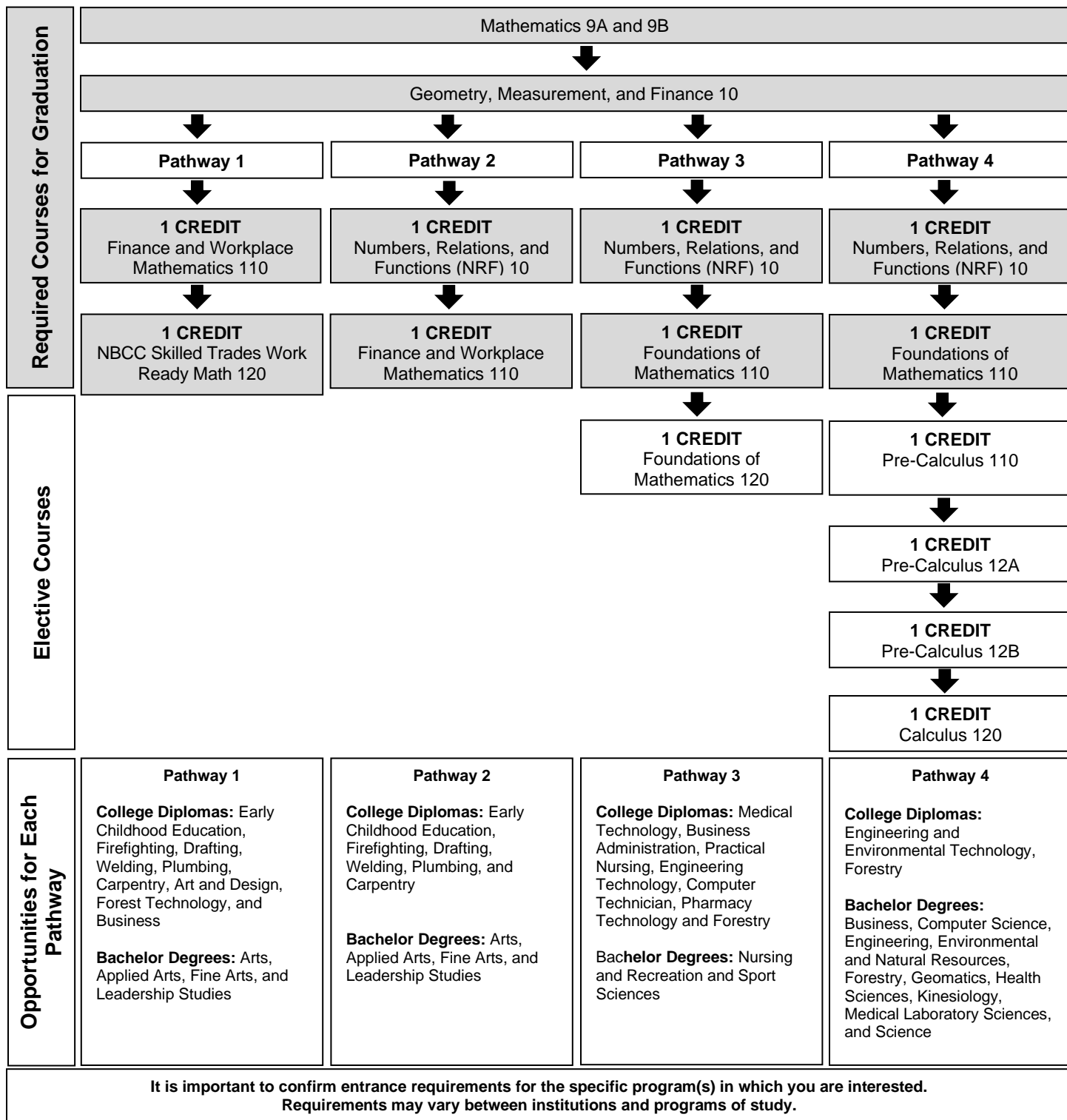
Career Education

**Revised March 31/25*

A tool that is being used to help students determine career interests and establish an after high school plan is [myBlueprint](http://myblueprint.ca). How to Create an Account: Visit – myblueprint.ca/anglophonewest

Graduation Pathways for Mathematics

Each pathway is designed to provide students with the mathematical competencies and critical thinking skills they will need after high school. Students should select courses in the pathway that best fits their interests and plans for after high school. Each pathway provides students with a different focus on math concepts and skills. Students may choose to take additional mathematics courses beyond the graduation requirements to better prepare them for what they want to do following high school.



A

ADV. TRAINING PRINCIPALS 120

PEEXB1200

Advanced Training Principles 120 is designed to support learners with theoretical and practical exercise physiology experience. This course is designed to enhance the planning and implementation of a personalized training program and create opportunities to improve individual health and well-being. Through daily training, learners will explore applied exercise physiology principles, functional movement, and technical and assessment skills in a wide range of training principles. Learners will develop, connect, and participate in engaging instructional practices and group activities. Learners will model respectful, ethical, and safe behaviors in Advanced Training Principles 120. Topics covered during this course will include foundational health and well-being, nutrition, fitness, human systems, careers, and training programs and assessment.

Recommended Prior Learning: Physical Education 10

AGRICULTURE 110

WEINM1100

Agriculture 110 is a New Brunswick high school course intended to formalize course knowledge that was previously offered in some school locations as a local option course. The curriculum provides introductory Agriculture knowledge and skills, experiential learning opportunities, and culminates in a learner-led project proposal or business plan. The careers and technologies referenced in the course include New Brunswick practices over time as well as present contexts.

ANCIENT & MEDIEVAL HISTORY 112

HEHIO1120

Interested in gladiators, pyramids, gods and goddesses, mummification, early government, arts and architecture, knights and castles? Then Ancient & Medieval History 11 is for you! Ancient and Medieval histories influence the way we think and learn today (even pop culture)! From Egyptian hieroglyphs to the Roman Colosseum and from the archaeological evidence for everyday life around the world to oral traditions that have been passed down over thousands of years, Ancient & Medieval History 11 provides opportunities to consider how we know what we think we know and why certain interpretations carry more weight than others. Register for Ancient and Medieval History to learn about exciting content and issues that help to explain the world around us today.

AUTOMOTIVE ELECTRICAL SYSTEMS 120

WEAUA1200

This one-credit course is designed to introduce students to the theory of operation and basic service of the automotive electrical system. It will also cover electrical symbols, batteries, lighting, cranking, and charging systems. Students selecting this course should also select Tune-up & Emissions 120. This course may be used as a science credit. **Personal Safety Equipment Required.** **Recommended Prior Learning: Combustion Engines 110**

B

BIOLOGY 112

EBIA1120

Biology 112 is a one semester introductory course which is intended to better acquaint students with, and awaken their interest in, living things. Some topics for study include cell structure and function, biodiversity and classification, digestion, circulation and blood, respiration, excretory system, and immunity. Throughout the semester students will be required to master essential areas of curriculum to obtain credit in this course. Extension opportunities will be available to deepen student understanding of the content. Students will be required to do a great deal of work and study, both in class and at home to master the essential requirements of this course. Hands-on activities and laboratory activities will complement the content of each unit of study. In order to earn a Level 1 credit in Biology, students will be required to cover all essential and extension outcomes of 112 as well as additional requirements, such as independent research, presentation, and peer tutoring when possible. **Recommended Prior Learning: Science 10, NRF 10.**

BIOLOGY 122

SEBIA1220

Biology 122 is a one-semester course that is designed for students who plan to attend university. This course includes the following topics: genetics, evolution, the nervous system, the endocrine system, reproduction, and development. Throughout the semester students will be required to master essential areas of curriculum to obtain credit in this course. Extension opportunities will be available to deepen student understanding of the content. Students will be required to put in a great deal of work and study, both in class and at home, to master the essential requirements of this course. Hands-on activities and laboratory activities will complement the content of each unit of study. In order to earn a Level 1 credit in Biology, students will be required to cover all essential and extension outcomes of 122 as well as additional requirements, such as independent

research, presentation, and peer tutoring when possible.

BUSINESS ORGANIZATION & MANAGEMENT 120

BEBUC1200

This course will allow students to survey all aspects of business and stimulate interest to pursue studies at a post-secondary level as they become aware of career opportunities and the challenges of the entrepreneur in a global setting. This is an introductory course that pertains to business organization, ownership, operation, and management. It will focus on the Canadian Business System and deal with large and small businesses as they function successfully within the system. The course will be organized in a co-operative learning style with seminars, case studies and opportunity for research and sharing of information on such topics as: management of personnel, sources of funding, labour relations, stock market, establishing the best marketing mix for success, dealing with customers, government and the law, and organizational skills. This course may be accepted as a university entrance credit at some institutions.

C

CALCULUS 120

MEPCD1200

This is the last course offered in Pathway 4 and follows Pre-Calculus B 120. This course develops the concepts of average and instantaneous rates of change. Derivatives are determined by applying the definition of a derivative and the derivative rules including the Chain Rule and are determined for trigonometric functions. Limits and derivatives of exponential and logarithmic functions are found. Calculus techniques are used to sketch graphs of functions, and to solve optimization problems. Problems are solved involving inverse trigonometric functions, involving related rates, and involving the application of the integral of a function from a variety of fields. The definite integral and the antiderivative of a function are determined. This course is recommended for students interested in post-secondary programs in science, engineering, and mathematics, though it may not be a required entrance requirement. **Prerequisite: Pre-Calculus A 120 and Pre-Calculus B 120**

CANADIAN GEOGRAPHY 120

HEGEA1200

This course is a study of the ever-changing cultural and physical landscapes of Canada and how they impact on each other. It considers where things are, why they are there, and the significance of these with respect to future patterns. Included is an examination of environmental and Canadian geographical issues that are currently pertinent to the lives of Canadians. Students will use a wide range of information and skills to project a vision of Canada in the future. Canadian Geography 120 is accepted for university entrance.

CAREER PATHWAY 10

TECAAE0100

Decisions that students make in high school can have long-term impacts after graduation, especially if they don't make informed choices in earlier grades. This course enables Grade 10 students to build upon their learning from Personal Wellness 9, become more self-aware, and explore their interests, passions, and strengths in relation to career pathways. It serves to optimize choices for Grades 11 and 12 and provides an opportunity for the learner to design their pathway and the future experiences they would like to have.

CHEMISTRY 112

SECHA1120

This course is the first of two sequential university prep chemistry courses and introduces students to matter, elements, compounds, chemical reactions, and the stoichiometric calculations associated with chemical reactions. Students choosing this course should have a strong mathematical/number sense and a strong grasp of the Chemistry concepts covered in science 9 and 10. Labs are used to reinforce the key concepts learned in this class. A credit in Chemistry may be required for certain programs at Universities and Colleges. This course should be taken in conjunction with Foundations of Mathematics 110. In order to earn a Level 1 credit in Chemistry, students will be required to cover all essential and extension outcomes of 112 as well as additional requirements, such as independent research, presentation, and peer tutoring when possible. **Recommended Prior Learning: Science 10, NRF 10, Foundations of Mathematics 110**

CHEMISTRY 122

SECHA1220

Chemistry 122 is the second of two sequential university prep chemistry courses, the theory covered in this course will be displayed directly through applied mathematics. The topics include thermochemistry, solutions, kinetics, equilibrium, acids and bases, and organic chemistry. Labs are used to reinforce many of the concepts learned in class. In order to earn a Level 1 credit in Chemistry, students will be required to cover all essential and extension outcomes of 122 as well as additional requirements, such as independent research, presentation, and peer tutoring when possible. **Recommended Prior Learning: Chemistry 112, Foundations of Mathematics 110.**

CHILDREN'S LIT 120**EELAH1200**

Children's Literature 120 offers learners the opportunity to explore the evolution of children's literature, gain an understanding of the profound impact of representation, and analyze the various genres to gain insight into the essential question: why is children's literature important? Learners will engage in critical discussions on the ethical considerations surrounding children's literature, exploring how stories can promote empathy, understanding, and a sense of identity. The course components on representation will allow learners to understand that every child deserves to see themselves reflected in the stories they read. The final aspect of the course, focused on creation and communication, empowers learners to demonstrate their understanding in ways that align with their interests and abilities, encouraging creative and critical responses to the rich world of children's literature.

CHILD STUDIES 120**LEINA1220**

This course is "a study of the most significant resource that we possess-children". Child Studies 120 explores how children develop physically, socially, emotionally, and intellectually. Students will be required to do observations of children between the age of six months and five years. Thus, ongoing observations and experiences with children is an essential part of this program.

CDN LITERATURE 120**EELAA1200**

Have you ever read (or watched) Anne of Green Gables, or The Handmaid's Tale, or listened to Drake, Rush, or Joni Mitchell? Perhaps you've noticed that those texts are all Canadian. Canada has a long and storied history with producing some of the most widely read and, arguably, most important content in mainstream and popular culture.

This course aims to provide learners the opportunity to continue practicing and strengthening English language arts skills taught through a strictly Canadian lens. Questions to think about during the semester are: how do Canadian authors use the landscape within their texts? How does the Canadian mosaic influence Canadian art (texts, film, literature, etc.)? How does Canadian literature compare to other texts, and why?

COMPUTER SCIENCE 110**IEDEC1100**

Computer Science is fast becoming valued to persons wishing to understand computer careers, software development, and information management. This course focuses on science and technology related knowledge to solve real computer science problems, creating authentic learning situations. Students assess existing programs/games, create games, research, redesign and develop value added programs within the gaming framework.

COMPUTER SCIENCE 120**IEDEC1200**

This course is recommended for students with a strong interest in computer programming. Students will learn the basic syntax of the Java language, program Java Applets and write simple programs using object-oriented design principles. The course provides a good foundation for students who wish to pursue a post-secondary program in computer science **Recommended Prior Learning: Computer Science 110**

COOPERATIVE EDUCATION 120 (2 Credits)**TECAG1200**

Cooperative Education 120 provides students with an opportunity to explore a career that is of interest to them. They are placed in an on-the-job training experience that enables them to apply skills already learned in school or to learn new skills. The course requires two periods per day and is worth two credits. **Interested students must complete an application form available from the Cooperative Education teacher or Guidance Department.** Acceptance into the course depends upon the suitability of the student for training placement and the availability of placements.

COOPERATIVE EDUCATION 120 (3 Credits) SEMESTER 2 AM ONLY**TECAH1200**

Cooperative Education 120 provides students with an opportunity to explore a career that is of interest to them. They are placed in an on-the-job training experience that enables them to apply skills already learned in school or to learn new skills. The course requires three periods per day and is worth three credits. **Interested students must complete an application form available from the Cooperative Education teacher or Guidance Department.** Acceptance into the course depends upon the suitability of the student for training placement and the availability of placements.

COMPUTER AIDED DESIGN OR CAD 110**IEDEA1100**

is a course that would be very useful to students interested in learning the "language of industry" using AutoCAD software that supports the design process in university programs such as aeronautics, architecture, electronics, engineering, forestry, geography (GPS systems), robotics, and surveying. It is also advantageous to those students who plan on attending community college technology or trade programs especially as an engineering technician or a CAD operator. Students will make extensive use of the most current version of AutoCAD design software. In CAD 110, skills and techniques developed are directly transferable to the world of work to post-secondary courses. Students will be creating drawings and sending them directly to applications like 3D printers, plasma cutters, CNC routers, and vinyl cutters to create individual projects. Students who are looking at studying engineering in university will also have the opportunity to have access to and learn SolidWorks which is another program which is becoming an industry standard

CREATIVE ARTS 110**FEFIA1100**

Creative Arts 110 is an introduction to the Arts in general: a combination of Drama, Music, and Visual Art. Every culture utilizes drama, music, and visual art whether for entertainment, spiritual expression, or both. During this course students will discover how the Creative Arts are representative of different cultures and or different time periods. Students will also learn how all the Creative Arts are combined to produce spectacular productions. The emphasis is not on performance or production but rather on understanding how to perceive expressiveness through various art forms. Students will be expected to do some performing in front of their peers. **Fee - \$10.00**

CULINARY TECHNOLOGY 110**WECUA1101**

Culinary Technology 110 is an entry level hands-on food service training course designed for students who may be considering a career in the food service industry. Culinary skill sets include industry organization, standards, safety, and sanitation, use of tools and equipment, and food preparations. Students will study the theory of each skill and then practice those skills under supervised lab activities. The labs include learning to make cookies, quick breads, pies/pastries, icings/fillings, and baking with yeast. There is also time spent learning to run a small food business. **Lab fee - \$35.00**

CULINARY TECHNOLOGY 120**WECUA1200**

Culinary Technology 120 is a continuation of Culinary Technology 110. The grade 12 skill sets include a review of skills learned in grade 11, plus: development of skills and knowledge needed in the food service industry, understand sanitation and safety challenges in food service, and to gain knowledge in standard procedures used in food preparation and service. Students are encouraged to learn through enterprise activities. Labs include influences on North American cuisine, food for meals (legumes, fruits and vegetables, shellfish, meat cuts), menu management, plating, and additional food preparation skills. Additional theory includes the planning of quality meals, ordering, pricing, preparation, and service. **Lab fee - \$35.00 Pre-Requisite: Culinary Technology 110**

CYBERSECURITY 120**IETEZ1202**

The Cybersecurity 120 course will look at the fundamentals and possibilities of cybersecurity. Students will be actively engaged in the design, development, and evaluation of defensive cybersecurity projects, including awareness, concepts, and challenges. The intent of this program of study is to have students discussing real-world case studies and learning hands-on activities from day one using the NBCC Cybersecurity virtual hub, while using problem-based and project-based learning. To achieve a high level of student engagement, teachers will use a feedback loop of instruction, hands-on learning, and assessment.

D**DIGITAL PRODUCTION 120****IEDEM1200**

Digital Technologies 120 offers students the opportunities to produce different forms of media. It explores the areas of ethical issues surrounding media production and consumption, copyright and the appropriate use of copyrighted materials, creation and manipulation of digital imaging, effective web design and application of web tools, examination of audio production and creation of auto projects, examination of video production and creation of video projects. Digital production focuses on producing content for an audience.

DRAMATIC ARTS 110**FETHL1100**

Dramatic Arts 110 is an introductory course designed for any student interested in developing skills related to creativity, performance, and production. This course is highly participatory and requires consistent attendance to facilitate the development of collaborative projects and student engagement in new experiences.

DRAMATIC ARTS 120

FETHA1200

Dramatic Arts 120 is a course that assumes an enhanced level of theatrical experience. Successful completion of Dramatic Arts 110 is highly encouraged but not required. In collaboration with their teacher and peers, students are encouraged to direct their learning and decide how to demonstrate the acquisition of skills. Students will collect evidence of learning and expand upon the skills acquired in Dramatic Arts 110.

E

ECONOMICS 120

HEECA1200

Economics 120 examines economic theory and practice. Students will analyze fundamental economic concepts including the interaction of supply and demand, the fundamentals of money and banking, producing, and trading. The course will provide students with a basic understanding of our Canadian economic system and will explore the various factors that affect economic decision-making as individuals and as groups.

ELECTRICAL WIRING 110

WECO1100

Students will learn about electricity basic, circuit arrangements and connections, wiring methods, and Canadian Electrical Code requirements. This course will allow the participant to develop skills needed to install and maintain electrical systems, a knowledge of specialized tools, and materials. There will be a balance of in-class and lab learning pursuits. Some topics of interest are AC/DC circuits, installing household electrical components, and electrical safety. This course will be of particular interest to students who are considering a career as an electrician, linesman, electrical engineer, electronics engineer, instrumentation technician, or any other career that deals with electricity. There will be a final exit project to cover curriculum outcomes at the end of the course. **Lab fee - \$35.00**

ELECTRICAL WIRING 120

WECO1200

Students will extend and expand on learning from Electrical wiring 110. This course will develop students' ability to troubleshoot, problem solve and retrieve pertinent data from technical manuals. Students will explore potential employment options by looking at provincial statistics and industry projections. They will explore employment skills and career awareness in electrical and associated trades (linesman, controls, instruments, industrial electrician). **Recommended Prior Learning: Electrical Wiring 110**

ENGLISH LANGUAGE ARTS EXTND 112

EELA1110

Developed for students wishing to pursue the study of English Language Arts, which is based upon provincial strong achievement standards and the provincial framework for Literary Texts. Significant literacy pieces from the past, as well as those of contemporary and personal interest will be among the print and visual texts students encounter. Students will consistently demonstrate a dedication to skillfully engage with each of the following speaking, listening, reading, viewing, writing, and other ways of representing. **Prerequisite: English 10**

ENGLISH LANGUAGE ARTS 122

EELAB1220

Developed for students wishing to pursue the study of English Language Arts, which is based upon provincial appropriate achievement standards. Students will engage in a wide variety of experiences in speaking and listening, reading, and viewing, writing and other ways of representing while concentrating on critical and personal response to Canadian and world literature. Students will demonstrate a commitment to meeting established goals for each of the following: speaking and listening, reading, and viewing, and writing and representing. **Prerequisite: ELA FND 112**

ENGLISH LANGUAGE ARTS 123

EELAB1230

Developed for students wishing to pursue the study of English Language Arts, which is based upon provincial appropriate achievement standards. This English course provides a variety of experiences with language and texts to develop competencies in speaking, listening, reading, viewing, writing and other ways of representing. English level 3 courses may differ in terms of pace, scope emphasis and resources from level 2, but all students in all levels work toward meeting the same provincial English Language Arts outcomes. Goals will be established for each of the following: speaking, listening, reading, viewing, writing, and other ways of representing. **Prerequisite: ELA 112/3 FND**

ENTREPRENEURSHIP 110**BEBUE1100**

The vision for this course is to allow learners to explore the field of entrepreneurship focusing on people, the process, the impact, and the actions of entrepreneurs. The course will improve the learner's ability to access opportunities and develop an appreciation for the entrepreneurial spirit and the effort behind running a business through the development of skills in critical thinking and problem solving. This course is designed to have a high degree of learner engagement and exploration.

ENVIRONMENTAL GEOSCIENCE 110**SEENP1100**

This course involves students in an examination of the current state of planet Earth. Students will determine how it got to be this way and look at the long-term future of the planet and its passengers. The course is particularly recommended to students interested in the environment, space, geology, and mapping. The course presents an introduction to geographical skills and methods that are basic to further study of this subject. Note: Geography 110 may be counted as a science credit for graduation. Throughout the semester students will be required to master essential areas of curriculum to obtain credit in the course. Extension opportunities will be available to deepen student understanding of the content.

F**FASHION TECH/DESIGN 110****IEDEK1100**

This course is designed to introduce and prepare students for possible careers in the fashion industry. It deals with the history of the Textile Apparel industry, characteristics and construction of fabrics, careers available and the skills required, plus basic construction and product assembly with the use of technology.

Supply Fee: \$25

FASHION TECH/DESIGN 120**IEDEK1200**

Students will have the opportunity to create, learn, and explore in the field of fashion design. In addition to theory, students will work hands on with a variety of technologies to create their own designs. Students will develop sketching techniques to create 12 fashion illustrations, learn the basics of pattern drafting and garment construction, put together a design portfolio, and learn about fashion marketing and promotion. Students are encouraged to challenge the status quo of the fashion industry to create a more ethical and sustainable future. Fashion Technology and Design 120 is primarily skills based and project based. As such, the "process" is just as important as the "product". **Supply Fee: \$25**

FILM 110**FEFLA1100**

Film 110 is designed for learners interested in exploring the craft of filmmaking and producing short films for an intended audience. Learners will get hands on experience in film production (basic camera operation, lighting, sound design and other elements) through purposeful creation of short film(s). Learners will practice implementing strategies to enhance clarity and the control of an intended message. Learning in and through the arts requires learners to create, connect, and communicate. **Film 110** is appropriate for learners who are actively involved in filmmaking, and those who have an interest in learning more about film in a way that promotes a general knowledge of film and culture.

FINANCIAL AND WORKPLACE MATHEMATICS 110**MEPWA1100**

This course is the first of two courses in Pathway 1 designed for entry into post-secondary trades and technical programs, or for direct entry into the work force. Concepts of right triangles, trigonometry, and angles of elevation and depression are applied to contextual problems. Scale models and drawings of 2-D and 3-D objects are constructed from various views and perspectives. Students are challenged to solve problems that involve numerical reasoning. Costs and benefits of renting, leasing, and buying are explored, investment portfolios analyzed, and personal budgets developed. Students manipulate and apply formulas in a variety of ways and solve problems using proportional reasoning and unit analysis. **Prerequisite: GMF 10**

FOUNDATIONS OF MATHEMATICS 110**MEPFA1100**

This course is a prerequisite for a second Foundations of Mathematics course in Grade 12, providing a pathway designed for entry into academic programs not requiring pre-calculus. It is also a pre-requisite for Pathway 3 and 4. Students model and solve problems involving systems of linear inequalities in two variables. Characteristics of quadratic functions are explored in depth including vertex, intercepts, domain, and range. Students develop logical reasoning skills and apply this to problems involving angles and triangles, the sine law, and the cosine law. Costs and benefits of renting, leasing, and buying are explored, and investment portfolios are analyzed. **Prerequisite: GMF 10 AND NRF 10**

FOUNDATIONS OF MATHEMATICS 120**MEPFA1200**

This is the second of two courses in Pathway 3 designed for entry into post-secondary academic programs not requiring Pre-Calculus. In statistics, students are introduced to normal curves, and learn to interpret statistical data, using confidence intervals, confidence levels, and margins of error. To develop logical reasoning, students analyze puzzles and games, and solve problems that involve application of set theory and conditional statements. The validity of odds and probability statements

are assessed, and problems are solved that involve probability of two events, the fundamental counting principle, permutations, and combinations. The binomial theorem is used to expand powers of a binomial. Data is represented using polynomial functions, exponential and logarithmic functions, and sinusoidal functions to solve problems. **Prerequisite: Foundations of Mathematics 110**

FRAMING AND SHEATHING 110

WECOB1100

In this course students will be introduced to the process used in house construction. A combination of classroom learning and hands-on experience in the carpentry laboratory will familiarize students with the tools, materials and techniques used in home construction and renovations.

FI/FSL BIOLOGY 112

FBIA1120

FI/FSL Biology 112 is a one semester introductory course which is intended to better acquaint students with, and awaken their interest in, living things. Some topics for study include cell structure and function, biodiversity and classification, digestion, circulatory, respiratory, and excretory system. Class work will include individual assignments, participating in class presentations, laboratory work and various other activities. Students will be required to do a great deal of study, both in class and at home. This course provides a substantial basis for further study in Biology. **There will be a continued insistence on the use of French both as the language of instruction and communication in the classroom.**

FI/FSL CUL TECH 110

WFCUA1101

This course is for FI students who have successfully completed grade 9 FI course requirements. Culinary Technology 110 is an entry level hands-on food service training course designed for students who may be considering a career in the food service industry. Culinary skill sets include industry organization, standards, safety, and sanitation, use of tools and equipment, and food preparations. Students will study the theory of each skill and then practice those skills under supervised lab activities. The labs include learning to make cookies, quick breads, pies/pastries, icings/fillings, and baking with yeast. There is also time spent learning to run a small food business. **Lab fee - \$35.00**

FI IND FAMILY DYN 120

LFIND1200

This course is for students who have completed FI Language Arts 10. The overall aim of FI Family Living 120 is to provide students with the necessary knowledge, skills, and abilities to meet the challenges of our dynamic and complex society. The course focuses on the development of resourcefulness to assist students in viewing the family from various perspectives and to make informed decisions about solutions to existing and emerging difficulties occurring in everyday living. The interrelatedness between family life and work life is addressed as well as the need to understand better daily family issues and their impact on both the family and work environments. This course includes the Parenting Simulation using Real Care Babies. This activity is required, and students will have to have permission slips signed by parents before taking the baby. **Prerequisite: FI Language Arts 10. There will be a continued insistence on the use of French as the language of instruction and communication in the classroom.**

FI MODERN HISTORY 112

HFHIB1120

This course is for students who have successfully completed FI Social Studies 10. The purpose is to continue the student's progress through the sequential French Immersion option at the high school level. FI History 112 presents a study of the French Revolution, World War I, World War II, and the Cold War. In addition, it assists students to understand and use several of the skills used in historical research and writing. **There will be a continued insistence on the use of French both as the language of instruction and communication in the classroom.**

FI (E) LANGUAGE ARTS 110

SLLAA1100

This course is the second in the sequence of French Immersion Language Arts courses in the French Immersion option. Through this course students will continue to expand their facility in oral and written French with the following general objectives:

1. To ensure at the high school level, the maintenance and progression of the linguistic acquisitions of the pupil coming through the middle school French Immersion program and FI Language Arts 10.
2. To continue to emphasize communication in order to foster growth of the language skills: listening, speaking, reading, and writing.
3. To encourage the use of the language as a vehicle allowing pupils to express themselves in a fitting manner suited to their intellectual, social, and emotional growth.
4. To increase the pupil's cultural knowledge and experiences in order to promote an appreciation for the French-

speaking population and culture of our country and of other parts of the world.

The course content will include oral expression, composition, and a further study of grammar, literature, and culture. The objectives of the course will be realized through exposure to various texts, novels and short stories, poetry, drama, newspapers, and magazines. **There will be a continued insistence on the use of French both as the language of instruction and communication in the classroom.** This is a **compulsory** course for those students who have elected to follow the French Immersion option at the high school level. Students continuing with the French Immersion option and who have successfully completed this course will select FI Language Arts 120, or FI Tech de Comm 120.

FI LANGUAGE ARTS 120

SLLAC1200

This course is the final French Immersion Language Arts course in the French Immersion option. Through this course students will continue to expand their facility in oral and written French with the general objectives as stated in the course description for FI Language Arts 110. The content of the course is based on five components: oral expression, composition, grammar, literature, and culture. To realize the stated objectives of the course, there will be continued exposure to various texts, French novels and short stories, poetry, drama, newspapers, and magazines. **There will be a continued insistence on the use of French both as the language of instruction and communication in the classroom.** This is a **compulsory** course for those students who have elected to follow the French Immersion option at the high school level. The New Brunswick Oral Proficiency Interview is a required part of this course. **Prerequisite: FILA 110**

FI/FSL LAW

This course is for students who have successfully completed FI Language Arts 10. The purpose is to continue the student's progress through the sequential French Immersion option at the high school level. This elective course provides the student with a basic knowledge of the Canadian legal system, its operation, and an awareness of the impact of law on one's life. Major topics of the course include legal systems, civil and criminal law, human rights, property law and labour law.

FI/FSL WORLD ISSUES 120 – offered on rotation. WILL BE OFFERED 2026 – 2027.

FI PERSONAL INTEREST COURSE 110– offered on rotation. WILL BE OFFERED 2026 – 2027.

FI PSYCHOLOGY 110

HFSOA1100

This course is for FI students who have successfully completed grade 9 FI course requirements. This course is an introduction to psychology. Students will begin to explore psychology as a social science that seeks to answer questions about us all – how we think, feel and act. Students will learn to think critically as they explore human nature in depth. Topics include intelligence, nervous system, the brain, sleep and dreams, hypnosis, nature vs nurture, personality, psychological disorders, research strategies

FI TECH DE COMM 120

SLLAF1200

This is a practical course that is designed to increase learner confidence when speaking and interacting through the authentic use of the French language. While it contains elements of reading and viewing (15%), as well as writing (15%), the primary purpose of the course is to promote the development of oral competencies (70%). These skills include oral comprehension (listening), oral production (self-expression), and oral interaction (taking part in conversation).

G

GRAPHICS ART AND DESIGN 110

FEDEA1100

This course will help develop an awareness of how graphic design in our daily environment influences us. Fine Arts courses are primarily interested in personal expressions, whereas graphic design is concerned with giving visual expressions to someone else's concepts and requirements. The course will give the student the opportunity to produce graphic (visual) work for real clients whenever possible. Students will use their creative skills to communicate original ideas that are adapted to the needs of their clients. The relationship between art and technology is greatest in graphic art and design. The modern medium of computer is essential for it is widely used for its design programs in the graphic design industry. Please note that this is not a computer course. The primary focus is on the drawing and design skills of the student. The computer is just one of many tools that will be used. It is an art course that requires experience, confidence, and a strong interest in Art. **Students should have successfully completed Grade 9/10 Visual Art block and/or have a special interest in the arts, specifically Graphic Art and Design. Fee - \$10.00**

GRAPHIC NOVELS 120**EELAJ1200**

This course explores the art and storytelling of graphic novels. Students will analyze key works, studying themes, narrative structure, and artistic techniques. Through creative projects, including original comics, students will develop their own storytelling skills. Whether aspiring artists, writers, or engaged readers, students will gain a deeper appreciation for this dynamic medium.

GROWTH, GOALS, AND GRIT 120**EELAV1200**

Research has identified key factors that impact student success. These challenges are not specific to any one subject area but affect all learning opportunities and life demands. Reading and communication skills as well as self-regulation strategies impact success in school and life. **Goals, Growth, and Grit: Skills for Success 120** is an elective course for students who intend to continue formal education in a post-secondary institution and for whom explicit and direct instruction with these key skills and strategies will build capacity to realize potential. **Goals, Growth, and Grit** will provide students with skills in three main areas – positive and productive mindsets and behaviors, organizational patterns, as well as functional and critical literacy. Within the broad learning expectations of the course, specific success skills, strategies, and practices will be explored. Students will be supported to apply and transfer these skills, strategies, and practices to other courses and real-life situations. Students will learn how these support postgraduate pursuits.

H**Housing and Design 120****IEDEL1200**

The overall aim of this course is to provide students with lifelong learning skills that are transferable to future learning related to the housing environment and interior décor. This course will raise the students' awareness of architectural aesthetics. Students will utilize the elements and principles of design as they apply to interior décor. Through Assignments and projects students will examine issues related to human needs and their impact on future housing trends.

HUMAN PHYSIOLOGY 110**SEBII1102**

The goal of this course is to build an understanding of the physiology of the human body as a complex dynamic organism that is self-contained but impacted by and responsive to the outside world. Students will build their scientific literacy skills as they focus on the biology and healthy functioning of all major human body systems and how wellness can be compromised by struggles with mental and social health, lifestyle choices, and disease.

I**INDIGENOUS ENGAGEMENT & LEADERSHIP 120****TECAAB1200**

Indigenous Engagement and Leadership 120 focuses on developing agency and leadership skills, fostering an understanding and respect for Indigenous cultures, celebrating communal and cultural identity, as well as, identities outside of their own cultural experience, strengthening sense of belonging and community connectedness and, exploring opportunities on and with Indigenous communities through meaningful, experiential learning and participating in various formal ceremonies and activities. Additional time (30 hours) outside of regular school hours will be required for community engagement. This community engagement will be an integral part of the course. Required prior learning: **WOLASTOQEY 9 and 10, (If interested**

and have not taken Wol 9/10 discuss with Ms. Sark and your guidance counsellor before selecting).

INDIVIDUAL FAMILY DYNAMICS 120

LEIND1200

In this course, students will study growth as an individual and as a family member. This course may include the Parenting Simulation using Real Care Babies. Lessons are often done in a seminar setting where there is sharing of ideas and research. Videos and speakers from community service organizations are accessed whenever possible.

INTERNAL COMBUSTION ENGINES 110

WEAUB1100

This is a course designed to develop proficiency in the repair, overhaul, and service and testing of the internal combustion engine and other automotive components. The theory of operation of the engine and its components is emphasized along with the development of manipulative skills and work habits. This course should be of interest to students who wish to enter or learn about the opportunities and requirements of the motor vehicle service industry and students with a general interest in mechanics.

INTRO TO ACCOUNTING 120

BEBUA1200

This one-semester accounting course introduces the student to procedures, concepts, and applications to include: accounting as a career, the accounting cycle, subsidiary ledgers, accounting proofs and controls, synoptic journals, the five-journal system, payroll, adjustments and closing entries, analysis of statements and case studies. The course is designed to ready students to study business at post-secondary institutions or to gain an understanding of business finances as future entrepreneurs.

INTRO TO ELECTRONICS 110

IETEF1100

This course introduces electronic components such as diodes, transistors, integrated circuits, inductors, and capacitors along with basic electronic circuitry. Introductory electronics is application-based using the components and circuitry in such applications as rectification, filtering, and amplification. Computer assisted instruction and computer simulation of electrical circuits are an integral part of this course. Introductory Electronics will be of interest to students with a career objective in the electrical occupational area as well as those who plan to continue their education at the technical or engineering level.

INTRO TO ENVIRONMENTAL SCIENCE 120

SEEND1200

The objective of this course is for students to develop the knowledge base skills for investigating and analyzing environmental issues and for communicating their knowledge and analysis to others. Students will be able to outline the ecological processes inherent in natural ecosystems and how these can be impacted by human activity. Identify the impact of personal behaviors on the environment, and recognize that caring for and sustaining natural environments is an element of responsible global citizenship, demonstrate an understanding of the importance of sustainable development, considering environmental, social, cultural, and economic aspects, to effectively resolve issues, analyze and propose solutions to current environmental issues through research, experimentation and a presentation of their findings with respect to the issue.

INTRO TO SKILLED TRADES

110 WECOC1100

Introduction to Skilled Trades 110 introduces students to a variety of careers in the skilled trades pathway. Emphasis is placed on providing opportunities to explore and participate in practices allowing for skill development required for education or employment. Problem identification, teamwork and leadership skills are reinforced

INTRO TO WOLASTOQEY 110

OLWOD0102

In the Introductory Wolastoqey Latuwewakon 110 course you will begin an adventure in communication. By the time you successfully complete this course, you will have the basic skills and vocabulary to begin speaking a language that has been spoken throughout the areas of southern and western New Brunswick, Eastern Maine and north through Quebec to the St. Lawrence River for many centuries. When you successfully complete this course, you will be able to recognize common words and phrases when you hear them spoken clearly, speak familiar words and basic phrases to describe yourself, people you know and your surroundings, understand familiar names words and simple sentences when you see them written, and write short, simple messages.

INTERMEDIATE WOLASTOQEY 110

OLWOE1100

Offered on rotation, WILL BE OFFERED 2026-2027. Recommended prior learning: **WOLASTOQEY 9 and 10**

J

JOURNALISM 120

EELAE1200

Journalism 120 will develop student expertise in concise and accurate writing. It offers opportunities to practice critical thinking,

writing, and representing skills in a variety of real-world situations. The course emphasizes the role of a journalist to bear witness, to document, and to provide a narrative of the daily life of a society and the world. Students will develop a deeper understanding of the importance of well-informed literate citizens to maintain a democratic society. They will think critically, work cooperatively and collaboratively, discuss, and deconstruct relevant issues, research, write persuasively and understand news values.

L

LAW 120

HELAA1200

This elective course provides the student with a basic knowledge of the Canadian legal system, its operation, and an awareness of the impact of law on one's life. Major topics of the course include legal systems, civil and criminal law, human rights, property law and labour law.

M

MAINTENANCE AUTO 110 (LOCAL OPTION)

WEAUE1104

Automotive Care and Maintenance is an introductory course for learners looking to develop skills and knowledge that will be helpful as they obtain driving privileges. Vehicle ownership, operation, and maintenance will be the focus of learning. Special emphasis will be placed on real-world situations related to the use of a vehicle. This course will explore the fundamental aspects of vehicle ownership, operation, and maintenance, providing learners with a comprehensive foundation to navigate the automotive world confidently. Special emphasis will be placed on practical, real-world situations to ensure that the knowledge gained is not only theoretical but immediately applicable to learner's everyday experiences as a driver

MEDIA STUDIES 120

EELAF1200

Media Studies 120 offers students opportunities to experience and respond to many forms of media. It explores the impact and influence of mass media and popular culture by examining texts such as films and television shows, songs and advertisements, sports and games, packaging and clothing, online and offline information sources, blogs, and social networking sites. By coming to understand how media texts are constructed and why they are produced, students will develop the skills needed to respond to these texts intelligently and responsibly when they encounter them. The organized study of the mass media increases students' critical judgement, their awareness of the global village and its values, and their place in society. It promotes open-mindedness, effective communication, and organizational skills through repeated opportunities to view, listen, speak, read, write, create, and represent.

MILL & CABINET WORK 120

WECOD1200

This course is designed to provide students the knowledge and skills required to build cabinets and various woodwork projects. Emphasis is placed on using and maintaining woodworking tools and machines. It should appeal to students interested in carpentry and various wood working projects. There is no prerequisite for this course, and it is available for all Grade 11 and 12 students. Preference will be given to Grade 12 students. **Lab fee \$35.00**

MODERN HISTORY 112

HEHIB1120

This course provides the opportunity for students to engage with citizenship concepts crucial to the functioning of a democracy and explore how they have appeared over time. Students will use historical thinking concepts to inquire about and investigate major events in Western history that have shaped how the world functions today. Topics will include the French Revolution, Industrialization, WWI and WWII, the Holocaust, and post WWII era. This content will be used to practice the skills to support the historical thinking concepts with a focus on making connections to present day events and issues.

MODERN HISTORY 113

HEHIB1130

Modern History 113 is designed to provide an understanding of the main events of the twentieth century, as well as some familiarity with a few of the basic skills used to interpret historical accounts. A survey approach is given to the following topics: Basic World Geography, French Revolution, Industrialization, Life in the 1920's and 1930's, World War I, World War II, Cold War and United Nations.

MUSIC 10

FEMUD0100

Music 10 is a course that consists of skills and knowledge of what students should know and be able to do on completing

their studies in music. They are organized under three strands 1) creating, making, and presenting 2) understanding and connecting contexts of time, place, and community, and 3) perceiving, reflecting, and responding. These three strands promote and support a balanced, comprehensive, and developmental music program.

N

NBCC SKILLED TRADES AND WORK READY MATH 120

MEFMM0101

This course is the final course offered in Pathway 1 in the Graduation Pathways for Mathematics and follows Finance and Workplace Mathematics 110. **This is a dual credit course.** Successful students looking to acquire a post-secondary credit at a NBCC campus can complete a recognition of prior learning form at NBCC and may be awarded Math Foundations 1208 upon beginning their program of study. Topics of study include whole numbers, decimal number, fractions, ratios, proportions, measurement, and geometry. The focus of the course is to apply mathematics to a variety of trades-based applications and hands-on learning opportunities will be provided.

NUMBER, RELATIONS, AND FUNCTIONS 10

MEFMM0100

This is the beginning course for the graduation pathways for Mathematics 2, 3, and 4. It is designed to prepare students for Foundations 110 or Financial and Workplace 110. This is an algebra-based course. Students will create factor trees to find prime and common factors of various numbers. Students will demonstrate an understanding of the properties and laws of square and cube roots. The study of irrational numbers is continued. Students will solve problems involving the properties of exponents including integral and rational exponents. Students will solve problems involving polynomial expressions with a large focus on trinomial factoring. The study of linear relations and functions is continued with a focus on the slope formula, distance formula, and midpoint formula.

NUTRITION FOR HEALTHY LIVING 120

PEHE1200

Through research, the science of nutrition continues to expand. It is important to understand information provided and to make smart, healthy decisions. Nutrition for Healthy Living 120 is designed to make students aware of preventative strategies to contribute to overall wellness, make healthy food choices and maintain a balance between eating habits and physical activity. Current issues relating to chronic diseases, lifestyles and food technologies will also be discussed. Students will be encouraged to use reliable information to examine their eating habits and lifestyles choices. This is an excellent course for those concerned with personal wellness or for students who wish to pursue a career in science and nutrition or health-related fields.

O

OCEANOGRAPHY 120 (LOCAL OPTION)

SEENH1204

Oceanography 120 is a comprehensive course that focuses on the scientific study of the ocean. Students will explore the biological, physical, and environmental aspects of marine science in a real-world context. Course content includes: an introduction to marine science, the physical environment of the ocean, marine biology and habitat, coastal zones, ocean industries and resources, and marine hazards and pollution. Throughout the semester students will be required to master essential areas of curriculum to obtain credit in this course. Extension opportunities will be available to deepen student understanding of the content. Students will be required to put in a great deal of work and study both in class and at home to master the essential requirements of this course. Hands-on activities and laboratory activities will complement the content of each unit study.

OUTDOOR EDUCATION 110

PEHEB1100

The course will develop personal outdoor recreation skills based on environmental ethics. Students must satisfy the required series of out-trips that may be daytrips, overnight excursions, or extended trips. The course may include but is not limited to camping, hiking, kayaking, climbing and other outdoor adventure activities. **Students will be expected to pay an equal share of any costs associated with class activities. Students who miss more than one major activity will not successfully complete the course. Fee - \$110.00**

P

PERSONAL INTEREST COURSE 1 and 2

DEMLB1100/ DEMLC1200

These courses are designed to promote learner agency and support personalized learning. Students selecting this course are provided with the time and opportunity to develop and pursue personal interests. Students will be required to design the program of study in conjunction with their teacher(s), and/or other mentors in the school or community. Project examples could include: A Capstone Project (local or community action), an in-depth study in a specific problem, the study of and support to the Calls to Action in the Truth and Reconciliation Recommendations, development of a relevant skill set or methodology such as project management, time to pursue a life skill such as financial literacy or an additional language, or to perfect a particular gift or talent that increases personal well-being. Resources for this course will be accessed through the school, the community or through grants and accessing these resources will be part of the learning process. Students will need a high degree of independence and there is an application process for those interested. Applications must be picked up at the main office and turned in no later than March 26, 2025. Class size limitations for this course may impact the number of applicants selected.

PHOTOGRAPHY 120 (LOCAL OPTION)

FEVIF1204

This course is intended for any student with an interest in photography, not just those who plan to make photography their career. Photographic skills are an asset to a variety of careers. Digital photography will be the focus of this course. The course will cover 3 main topics: Cultural importance of photography, Science and Technology of Photography, and Communication with Photographic Images. Students will research topics, critique, and compose photos, and construct a portfolio of images. We will look at portrait, landscape, nature, sport, corporate, and abstract photography. Students will also learn how to process and fix photographs using various photo editing software. **Students must have access to a digital camera and have an interest in photography.**

PHYSICAL EDUCATION 10

PEPEA0100

Physical Education 10 has both practical and theory components. Students alternate between the classroom and the gym to cover both parts of the course. **Physical Education 10** also introduces kinesiology: the study of human movement. This area of study helps learners understand the mechanics of the human body and how to optimize movement to improve physical performance. By gaining an understanding of kinesiology, learners can develop healthy habits and techniques that will help them reduce the risk of injury and improve their overall physical fitness. Through **Physical Education 10**, learners will explore different types of functional movement, resistance programs and create a resistance program to improve personal fitness.

PHYSICAL EDUCATION LEADERSHIP 120

PEPEF1200

This course is an elective course (students must submit an application form) intended for students who wish to develop leadership skills. It is hoped that the leadership opportunities experienced in this course will develop an awareness of the need for dynamic, professional, and effective volunteer leadership within the community. The course will deal with the theoretical and practical aspects of leadership, characteristics and qualities of leaders, coaching, fitness, officiating, first aid, teaching, professional presentations, and evaluation. The "hands-on" component of the course will involve field trips, guest speakers, peer teaching, first aid certification and coaching certification. All students must complete 30 hours of community volunteer services (opportunities provided in class) to be successful in this course.

PHYSICS 112

SEPHA1120

This course is the first of two sequential Physics courses. Successful completion of Physics 112, as well as giving a science credit for high school graduation, provides valuable background for those university-bound students interested in such fields as engineering, physics, oceanography, meteorology, astronautics, any of the physical sciences, or any program for which Physics is a prerequisite. UNB may require students entering Science, Engineering, and Forestry to have credits in Physics 112 and 122. NB Community College may require credits in Physics 112 and 122 for entrance to some technology courses. The topics covered are measurement, motion, forces, wave motion, sound, light, work, and energy. Students will have several laboratory sessions on these topics. In order to earn a Level 1 credit in Physics, students will be required to cover all essential and extension outcomes of 112 as well as additional requirements, such as independent research, presentation, and peer tutoring when possible. **Recommended Prior Learning: Science 10, NRF 10 is recommended, and Foundations of Mathematics 110**

PHYSICS 122**SEPHA1220**

This course is the second of two sequential Physics courses and is designed for students who have successfully completed Physics 112 or equivalent. Topics covered are vectors, circular motion, projectile motion, momentum, mechanics, universal gravitation, and fields. Students will have several laboratory sessions on these topics. UNB may require students entering Science, Engineering, and Forestry to have credits in Physics 112 and 122. NB Community College may also require credits in Physics 112 and 122 for entrance to some technology courses. In order to earn a Level 1 credit in Physics, students will be required to cover all essential and extension outcomes of 122 as well as additional requirements, such as independent research, presentation, and peer tutoring when possible. **Recommended Prior Learning: Physics 111 or 112 AND Foundations of Mathematics 110**

POST INTENSIVE FRENCH 110**SLPOA1100**

This course continues the sequence of Post Intensive French courses. This course extends the range of language skills, structures, and concepts for effective communication in French in a variety of situations. It is designed for students who have successfully completed Post Intensive French 10. Post-Intensive French is a literacy-based, non-immersion program for students choosing to continue to learn French as a second language. Themes at this level include mysteries, injustices, and the power of photography. **Note also that if a student achieves a level of intermediate at the end of grade 10, they may select to enroll in French immersion courses (including online options) in addition to or in place of Post-Intensive French courses in grades 11 and 12.* **Prerequisite: Post Intensive French 10**

POST INTENSIVE FRENCH 120**SLCOA1220**

This is the final course in the program of Post Intensive Language courses. This course deepens and sharpens the language skills, structures and concepts for effective communication acquired in Post Intensive French 110. Post-Intensive French is a literacy-based, non-immersion program for students choosing to continue to learn French as a second language. Themes at this level include looking to the future, ecological challenges, similarities and differences and careers. **Note also that if a student achieves a level of intermediate at the end of grade 10, they may select to enroll in French immersion courses (including online options) in addition to or in place of Post-Intensive French courses in grades 11 and 12.* The New Brunswick Oral Proficiency Interview is a required part of this course. **Prerequisite: Post Intensive French 110**

POWER TRAIN & CHASSIS 110**WEAUC1100**

This course is designed to develop proficiency in the service and maintenance of the vehicle chassis and power train. Emphasis is placed on the function, repair and replacement of components and includes spring and shock assemblies, brakes, steering, wheel bearings, tires, transmissions, differentials, and drivelines.

PRE-CALCULUS 110**MEPCA1100**

This course in Pathway 4, followed by later courses in Pre-Calculus and Calculus, is designed for entry into post-secondary programs requiring Pre-Calculus. Students demonstrate an understanding of absolute value of real numbers, and solve problems that involve radicals, radical expressions, and radical equations. Students determine equivalent forms, simplify rational expressions, and solve problems that involve rational equations. They develop an understanding of angles in standard position (0 degrees to 360 degrees) and solve problems for these angles using the three primary trigonometric ratios. Polynomial expressions are factored, and absolute value functions and quadratic functions are analyzed and graphed. Students solve problems that involve quadratic equations and solve, algebraically and graphically, problems that involve systems of linear-quadratic and quadratic-quadratic equations in two variables, and quadratic inequalities in one variable. **Recommended Prior Learning: NRF 10 AND Foundations of Mathematics 110**

PRE-CALCULUS A 120**MEPCB1200**

This course in Pathway 4 follows Pre-Calculus 110 and precedes Pre-Calculus B 120. Students demonstrate and apply an understanding of the effects of horizontal and vertical translations, horizontal and vertical stretches, and reflections on graphs of functions and their related equations. They are introduced to inverses of functions, logarithms, and the product, quotient and power laws of logarithms and use these laws and the relationship between logarithmic and exponential functions to solve problems. Students are introduced to angles in standard position, expressed in degrees and radians, and to the unit circle. The six trigonometric ratios and the sine, cosine and tangent functions are used to solve problems. First- and second-degree trigonometric equations are solved algebraically and graphically with the domain expressed in degrees and radians. Trigonometric identities are proven using reciprocal, quotient, Pythagorean, sum or difference, and double-angle identities.

PRE-CALCULUS B 120**MEPCC1200**

This course in Pathway 4 follows **Pre-Calculus A 120** and precedes **Calculus 120**. Students analyze arithmetic and geometric sequences and series to solve problems. They are introduced to concepts of probability including permutations, combinations, and binomial expansion. They learn to factor polynomials of degree greater than 2, and to graph and analyze polynomial functions. They also graph and analyze radical, reciprocal, and rational functions, building a function toolkit. Students are introduced to the concept of limits and determine the limit of a function at a point both graphically and analytically. They explore

and analyze left- and right-hand limits as x approaches a certain value using correct notation, analyze the continuity of a function and explore limits which involve infinity.

PSYCHOLOGY 110

HESOA1104

This course is an introduction to psychology. Students will begin to explore psychology as a social science that seeks to answer questions about us all – how we think, feel and act. Students will learn to think critically as they explore human nature in depth. Topics include intelligence, nervous system, the brain, sleep and dreams, hypnosis, nature vs nurture, personality, psychological disorders, research strategies. Regular attendance and participation in class discussions is very important in this course.

PSYCHOLOGY 120

HESOA1200

This course is a continuation of Psychology 110. Students will continue to explore psychology as a science that seeks to answer many of the questions about human behavior – why we think, feel, and act the way we do. Topics include social relations, information processing, forgetting and memory construction, motivation and emotion, effects of stress, treatments for psychological disorders, classical and operant conditioning, and observation learning. Regular attendance and participation in class discussions is very important in this course. **Recommended Prior Learning: Psychology 110.**

R

READING TUTOR 120

EELIA1200

Reading Tutor 120 is offered to provide students the opportunity to develop skills and strategies for tutorship. By engaging in tutor-tutee relationships, students in the course are introduced to instructional practice and mentorship. **Recommended Prior Learning: ELA FND 112, students thinking about this course should consult with their grade 112 ELA teacher.**

RESIDENTIAL FINISH AND INSULATION 120

WECOE1200

This course is designed to provide the instruction and practical experience necessary for the completion of the exterior and interior of houses. Included in this course are the use of tools and techniques required to install roofing, siding (vinyl and wood), exterior trim, doors, windows, insulation, drywall, and interior trim. This course would appeal to students interested in carpentry. Good attendance is mandatory in this course.

ROBOTICS AND TECHNOLOGY 120

IETEJ1200

This practical course deals with the basics of automation and robotics. Students will learn the theory behind the control of automated systems by designing and constructing automated systems in a lab situation. From very simple manual systems, students will advance to using computers to design and control more complex systems. Students will be extensively involved in the construction and programming of Lego Mindstorm Robots. The software and equipment used in the Robotics and Technology course are used in industrial and commercial applications around the world. Robotics and Technology 120 is open to all students. This course would be especially useful to students considering Community College technologies, or university programs in Science, Engineering or Forestry. Robotics and Technology 120 will also directly benefit people considering employment in the following areas: the pulp and paper industry, lumber processing, manufacturing, and packaging, alarm and control systems, and the electrical and electronics fields. Robotics and Technology 120 is an approved course in the Science & Technology cluster on the course selection form. Students will be expected to design and build a basic automated system that will perform an assigned task.

S

SOCIAL EMOTIONAL LEARNING STRATEGIES 120 (LOCAL OPTION)

LEWED1204

Social Emotional Learning Strategies (SELS) focuses on student success in school, work, and life. SELS involves the processes of developing competencies including self-awareness, self-management, social awareness, relationship skills, and responsible decision making. This course is meant to enhance cross-curricular success and provide skills to be integrated both in and outside the academic institution or work environment.

SOCIOLOGY 120**HESOB1202**

This course is designed to increase awareness of how humans develop as social beings and examines society's institutions in terms of the values and attitudes that enter group action. The course will provide background for the study of contemporary rapid social change as well as the cultural origins of existing social patterns. Areas of study will include the social problems presently confronting Canadian society such as crime, race and ethnic relations, urbanization, poverty, gender, and societal constructs. **Recommended Prior Learning: Modern History 112 or 113**

SPANISH 110**OLSPA1100**

The primary objective of this introductory course is to develop the ability to communicate in the Spanish language. Students taking this course will experience continual practice in communicating and will become familiar with common Hispanic customs and traditions.

T**TUNE-UP AND EMISSIONS 120****WEAUD1200**

In today's automotive industry, the technician needs to start with computer-based testing and diagnostics before even picking up the first wrench. Today's cars are a series of complex computing systems. Although these systems are very different from using Microsoft Office, the tech's ability to understand basic computer functionality and technology enhances their ability to do their job better. This Course is designed to give students a practical approach to diagnosing and servicing automotive fuel and emissions and other computer related systems. **Recommended Prior Learning: Internal Combustion Engines 110**

V**VISUAL ARTS 10****FEVID0100**

Visual Arts 10 is a course that provides students with a means to acquire a developmentally appropriate comprehensive art education through the three strands of General Curriculum Outcomes. The first strand is Creating/Making and Presenting. The second strand is Understanding and Connecting Contexts of Time, Place, and Community. The third strand is Perceiving, Reflecting, and Responding. **Fee - \$10.00**

VISUAL ARTS 110**FEVID1100**

The visual experiences and technical processes in this course are organized in themes. These themes are designed to stimulate the imagination, encourage interpretation, expression, and development of personal imagery. Each unit of study will include art theory, art of different cultures and time periods, studio applications and experimentation in one of the following: Drawing, Painting, Printmaking and Sculpture, sketchbook assignments and critiques. At this level, the student is given opportunities to work independently and to explore, in greater depth, materials and concepts touched on in Visual Arts 10. There is a research presentation and an exit project requirement. Students are required to supply a sketchbook, art kit, and a portfolio. Students should have experience and/or interest in the Arts. A background in Visual Arts 10 is recommended. **Fee - \$10.00**

VISUAL ARTS 120**FEVID1200**

Visual Arts 120 is designed for the student who has shown an intense interest in Art and who may be considering further education or a career in Art or an Art related field. The Grade 12 program focuses on 20th century Art and artists, and portfolio building. There is a major research presentation at mid-term and a final exhibition at the end of term. Students are required to supply sketchbooks, art kit and portfolio. **Recommended Prior Learning: Visual Arts 110 (or equivalent experience). Fee - \$10.00**

W

WABANAKI STUDIES 120

The objective of this course is to provide a clear understanding of First Nation Culture, History and Traditions in the past, present and hope for the future. The student will have a greater awareness of First Nation way of life as well as their inherent relationship with the environment. The units that will be offered are the Significance of Legends, the Value of Traditional Teachings, and the importance of Governance and Spirituality. This elective course is open to all grade 11 and 12 students who are serious in developing a deeper understanding of First Nation Culture and Traditions.

WELDING/METALS FABRICATION 110**WEMEA1100**

This course is concerned with the processes used in industry to safely cut, form, and fasten metal. Emphasis is placed on the development of basic skills needed to use electric-arc and oxy-acetylene welding and cutting processes including the preparation of material for welding. Machines and processes used to lay out, cut, and form sheet metal are also introduced. It should appeal to students interested in entering occupations in metalworking, mechanical service, and primary resource industries. A suitable take-home project will be constructed during this course. Students studying auto mechanics should select Metals Fabrication 110. **Lab fee \$35.00**

WELDING/METALS FABRICATION 120**WEMEA1200**

Welding 120 presents advanced opportunities for students to use math and science in relevant and meaningful ways. This production-orientated course integrates concepts of appropriate material selection, significance of design, appropriate levels of precision, and the necessity to learn and adhere to safe practices when using hand tools and stationary equipment. Students will learn skills required to manipulate hand tools and stationary equipment, in addition to precision skills and opportunities to practice creativity. Welding 120 focuses on further advancing transferable skill sets useful to students who are planning to enter post-secondary education in the fields of engineering, mechanical technology, industrial mechanics, machinists, computer numerical control, welders/fitters, plumbing and heating, automotive, heavy equipment, or virtually any trade.

WELLNESS THROUGH PHYSICAL EDUCATION 110**PEHEA1100**

The goal of the Wellness through Physical Education 110 curriculum is to promote healthy active living for life. Students will experience a variety of wellness activities and are expected to create and implement a personal healthy active living plan. The course is intended to allow a broad-based exploration of various dimensions of wellness and encourage a healthy, balanced lifestyle. **Recommended Prior Learning: Physical Education 10**

WORLD ISSUES 120**HEGLB1200**

World Issues 120 examines various issues that are global in nature and that require a global solution. The concept of the global village is studied as is the relationship between nations as players in the global community. Students will investigate a range of topics that are important to the world we live in. Students will learn about issues that prevent societies from becoming more sustainable and equal for all. The goal is for students to see the challenges and the opportunities that these topics represent. Various issues are examined to acknowledge the fact that events in any part of the world can have a profound effect on the global community.

WRITING 110**EELAG1100**

Writing 110 is an elective course designed for students who may need extra practice developing competence in composing skills and for those students who want to further their existing proficient writing skills to prepare them for higher level English courses and for university and community college. There is an emphasis in this course for students to further develop their creative writing skills. This course includes an exit project.