

# **HANDBOOK OF COURSE DESCRIPTIONS**



**OROMOCTO HIGH SCHOOL**

**2020-2021**

**Principal: Mr. Jeff Holder**



## **OUR GOAL**

**Vision: Oromocto High School will become an Innovative Centre of Excellence in Teaching and Learning. Mission Statement: Pursuing Excellence in Innovative Teaching and Learning.** The Oromocto High School staff believes that high school curriculum should focus on preparing students for the transition from school to a rapidly changing social and economic environment - to prepare students to enter the workplace, to be lifelong learners, and productive members of society.

## **INTRODUCTION**

This booklet has been prepared for students entering grade eleven or twelve in the school year 2020-2021. 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 organizational section carefully.
2. Read the course descriptions.
3. Choose the compulsory and optional courses that will enable the student to qualify for a New Brunswick High School Diploma.
4. Discuss the choices at home. Speak with a Guidance 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. Guidance 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 FOUR YEAR HIGH SCHOOL PROGRAM**

GRADE 9	GRADE 10	GRADE 11	GRADE 12
English (Full year)	English (Full year)	English (Full year–2 Credits)	English (1 Credit)
Math (Full year)	Math (GMF 10) Math (1 Credit - NRF 10 or Fin Work Math 110)	Math (1 Credit – Foundation Math 110 or Fin Work Math 110 or Fin Work Math 120)	Elective Fin Work Math 120 (if needed to complete the Financial Workplace Pathway 1)
Science	Science	A Science Credit	Elective
Social Studies	Social Studies	A Modern History Credit	Elective
Post-Intensive French	Post-Intensive French	Fine Arts / Life Role Development Credit	Elective
Physical Education	Personal Development	Elective	Elective
Visual Arts – 45 Hrs.	<b>2 of these 5:</b>  Music  BBT  Physical Education  Visual Arts – Fee-\$10.00  Intro to Applied Tech 110 (1 Credit) Fee - \$35.00	Elective	Elective
Music – 45 Hrs.		Elective	Elective
Technology – 90 Hrs.		Elective	Elective
			Elective

**GRADUATION REQUIREMENTS**

- Successful completion of Grades 9 and 10.
- Grade 9 and 10 French must be successfully completed.
- Successful demonstration of technological skills. This may normally be accomplished by successful completion of the Grade 9 Broad Based Technology course, although it may also be accomplished by successful completion of other courses, such as Computer Science 110 or Information Technology 120.
- Successful completion of all 7 compulsory Grade 11 and 12 courses, as listed on the next page, as well as successful completion of a minimum of 10 elective courses, for a total of 17 Grade 11 and 12 courses.
- A minimum of five (5) courses must be at the Grade 12 level, one of which must be English 12.
- Students must attempt 10 courses during each of their Grade 11 and Grade 12 years.
- **17 credits are required for Graduation. For students entering Grades 11 and 12 in the 2020-2021 school year.** Credits must include the 7 compulsory credits. Four additional credits must be at the 12 level.
- **18 credits are required for Graduation for students entering Grade 9 and 10 in the 2020-2021 school year.**
- **Students who are entering Grade 10 in September of 2020 are required to take 2 Math credits for Graduation purposes.** Please see page 10 for the Math Graduation Pathways.
- Students must take five (5) courses in each semester for four (4) semesters - 10 courses per year
- **Students must have the Literacy Credential which is earned by a rating of “successful” on the English Language Proficiency Assessment (Grade 9) or the English Language Proficiency Reassessment (Grade 11 or 12).**

**GRADE 11 COMPULSORY COURSES**

You need to take one course from each cluster; however, you may take more than 1 course in a cluster except English.

**English Language Arts Cluster:** 111, 112, 113 (one of) (year-long course for two credits)

**Math Cluster** - Foundations of Math 110 or Financial and Workplace Math 110 and Financial Workplace Math 120

**Science Cluster** - One of Physics 111, Physics 112, Chemistry 111, Chemistry 112, FI Biology 112, Biology 111, Biology 112,

## Oromocto High School Course Descriptions

Human Physiology 110, Physics 121, Physics 122, Chemistry 121, Chemistry 122, Biology 121, Biology 122, Introduction to Environmental Science 120, Physical Geography 110, Robotics and Technology 120, Automotive Electrical Systems 120, Intro to Electronics 110 (note: there are prerequisites for some of these courses).

**History Cluster** – One of Modern History 111, 112, 113 or French Immersion Modern History 112

**Fine Arts/Life Role Development Cluster** - One of Visual Arts 110 or 120, Music 112, Music 120, Theatre/Dramatic Arts 120, Individual Family Dynamics 120, Co-op Education 120, Physical Education Leadership 120, Entrepreneurship 110, Outdoor Pursuits/Education 110, Graphic Arts & Design 110, FI Ind Family Dyn 120, Career Exploration 110, Fine (Creative) Arts 110, Wellness Through Physical Education 110, Nutrition 120, Culinary Technology 110, Culinary Technology 120, Applied Technology 110, Growth Goals and Grit 120, and/or any Skills Trade course at the 110 or 120 level.

### **GRADE 12 COMPULSORY COURSES**

- The only Grade 12 compulsory course is one of English Language Arts 121, 122, or 123. Students must take 9 optional courses in their Grade 12 year.
- Financial Workplace 120 for any student who has not already successfully completed the course and is following the Financial Workplace Pathway.

### **NOTES REGARDING COURSE SELECTION**

- 123 – 1<sup>st</sup> two digits indicate the grade level. The last digit indicates the level of difficulty. 1 is enriched, 2 is university preparatory, and 3 is general. The ending figure "0" indicates that the course is offered at only one level. Some 0's may be university entrances. In all sequential subjects, courses numbered 11- are prerequisites for courses numbered 12-.
- Students will take five subjects each day.
- Students planning to go on to further their education beyond high school should select courses with care regarding entrance requirements at various post-secondary schools.
- In completing the course selection form, students must select ten courses plus two optional courses to be used as a substitute if necessary. Remember the year-long Grade 11 English course counts as two credits. These credits are awarded when the course is completed successfully at the end of the school year.

**Students entering grade 11 are encouraged to develop a tentative two-year plan.**

### **ELECTIVE COURSES**

Elective courses are designed to allow students flexibility in completing their requirements for graduation. Students may choose a broad program, or they may choose to concentrate in one specialized area of the curriculum, such as, Science, Business Education, or Skilled Trades and Technology. Elective courses may be selected from any of the compulsory clusters or from any of the following prescribed courses.

**Students may take only 2 Locally Developed Courses (Local Option) that are eligible for credits for graduation purposes; however, these courses may not replace a compulsory course. Students may also take up to 2 Challenge for Credit Courses, 1 Independent Study, and/or 2 Personal Interest Courses for graduation purpose.**

### **LOCAL OPTION COURSES**

LITERACY THROUGH GRAPHIC NOVELS 120

OCEANOGRAPHY 120

PSYCHOLOGY 110

SOCIAL EMOTIONAL LEARNING STRATEGIES 120

MANDARIN 120

PHOTOGRAPHY 120

PSYCHOLOGY 120

WOMEN, MEDIA, AND CULTURE 120

## **STU – UNB DUAL CREDIT PROGRAM**

Grade 12 students can apply to take part in this enrichment program that allows them to take one course at UNB or St. Thomas University during the school day. Successful applicants can attain a high school credit on their OHS transcript and be awarded university credits.

Tuition is free, but students must pay for their own textbooks and provide their own transportation to and from OHS. For more information, contact your guidance counselor.

### **DISTANCE EDUCATION (ON-LINE COURSES)**

**Students wishing to take Distance education Courses must register through Guidance. All courses are taken in classroom number 169 and facilitated by a teacher at O.H.S. For more information see your guidance counselor.**

**The distance learner is the student who:**

- **Learns independently**
- **Views learning positively**
- **Is self-disciplined**
- **Manages their time well**
- **Enjoys working alone**
- **Expresses themselves clearly, in writing**
- **Has good, basic computer skills**
- **Values the role of technology in learning**
- **Loves to problem-solve and thinks critically**
- **Has defined educational goals**

**Oromocto High School has the facilities to offer some on-line courses; that is, the course is taught with the aid of a computer and an on-line instructor, who may be located somewhere else in the province. Students are normally registered in these courses during regular class time. Most courses require an extra 5 hours per week of the students' time.**

## **TECHNOLOGY EDUCATION AND SKILLED TRADES**

Technology Education and Skilled Trades provides students with opportunities for problem solving, designing, creating, and addressing current trends and issues. Student's use and study technology to create practical solutions to problems - individually or in groups - to develop technological skills, knowledge and work ethics.

Technology Education enables students to explore their ideas, gain practical experiences, and work through thinking processes in a safe and supportive environment. Technology Education allows learners to evaluate their strengths and interests in career choices. It also reflects rapid changes in the workplace and allows students to make informed decisions about their futures while providing a foundation of skills that enable high school students to be gainfully employed after graduation—either full-time or while continuing their education or training.

Students enrolled in High School Technology Education and Skilled Trades courses may use a percentage of their hours towards Apprenticeship training.

Skilled Trades and Technology includes the courses found in the subject areas of Technology Education

- |  |   |
|--|---|
| 1. Automotive Electrical Systems 120       | 12. Framing & Sheathing 110               |
| 2. BBT 9                                   | 13. Intro to Applied Technology 110       |
| 3. BBT 10                                  | 14. Introduction to Electronics 110       |
| 4. Computer Aided Drafting 110             | 15. Information Technology 110            |
| 5. Computer Science 110                    | 16. Internal Combustion Engines 110       |
| 6. Computer Science 120                    | 17. Mill & Cabinet Work 120               |
| 7. Culinary Technology 110                 | 18. Power Train & Chassis 110             |
| 8. Culinary Technology 120                 | 19. Residential Finish and Insulation 120 |
| 9. Cybersecurity and Technical Support 120 | 20. Robotics and Technology 120           |
| 10. Digital Production 120                 | 21. Tune Up and Emissions 120             |
| 11. Electrical Wiring 110                  |   |

**THE FOUR YEAR FRENCH IMMERSION HIGH SCHOOL PROGRAM**

GRADE 9	GRADE 10	GRADE 11	GRADE 12
English (Full year)	English (Full year)	English (Full year–2 Credits)	English (1 Credit)
FI Math (Full year)	FI Math (GMF 10) Math (1 Credit – FI NRF 10 or Fin Work Math 110)	Math (1 Credit – Foundation Math 110 or Fin Work Math 110 or Fin Work Math 120)	Elective Fin Work Math 120 (if needed to complete the Financial Workplace Pathway 1)
FI Science	FI Science	A Science Credit	Elective
FI Social Studies	FI Social Studies	A Modern History Credit	Elective
FILA	FILA	Fine Arts / Life Role Development Credit	Elective
Physical Education	Personal Development	Elective	Elective
Visual Arts – 45 Hrs.	<b>2 of these 4:</b>  Music  BBT 10  Physical Education  Visual Arts – Fee-\$10.00  Intro to Applied Tech 110 (1 Credit) Fee - \$35.00	Elective	Elective
Music – 45 Hrs.		Elective	Elective
Technology – 90 Hrs.		Elective	Elective
			Elective

- FI Law 120 will be offered in 2021-22 and 2022-2023. **(not offered in 2020-21)**
- FI Ind Family Dyn 120 will be offered in 2020-2021 and 2021-2022. **(not offered in 2022-23)**
- FI World Issues 120 will be offered in 2020-2021 and 2022-2023. **(not offered in 2021-22)**

**FRENCH IMMERSION COURSES**

Students who have successfully completed the Early or Late French Immersion programs in middle school and have followed the French Immersion program through Grades 9 and 10, and other students with a similar proficiency in French as a second language may opt to take the following French Immersion courses:

- |                                  |                              |
|----------------------------------|------------------------------|
| <b>FI BIOLOGY 112</b>            | <b>FI IND FAMILY DYN 120</b> |
| <b>FI LANGUAGE ARTS 110, 120</b> | <b>FI LAW 120</b>            |
| <b>FI MODERN HISTORY 110</b>     | <b>FI WORLD ISSUES 120</b>   |

PLEASE NOTE: FI Language Arts 110 & 120 are not available to Francophone students.

**CERTIFICATE OF ORAL PROFICIENCY**

All students enrolled in either Post Intensive French 120 or FI Language Arts 120 will be interviewed by a professional interviewer from the Department of Education. Those students who have completed all the required French courses (Post-Intensive or Immersion) from Elementary to Grade 12 will be presented a certificate at Graduation indicating their level of oral proficiency.

**CERTIFICATE OF IMMERSION**

To obtain the Certificate of Completion of Immersion, a student must meet the following requirements:

- 50% of instruction in French in Grades 9 and 10
- Five (5) French Immersion credits successfully taken during the Grade 11 and 12 years. **The certificate shall be presented at Graduation.**

## **CERTIFICATE OF CANADIAN STUDIES**

Students who successfully complete two of the following courses are eligible for a certificate in Canadian Studies.

1. Canadian History 122
2. Canadian Literature 120
3. Canadian Geography 120

## **PERSONALIZED LEARNING EDUCATION PLANS**

Students who require a Modified or Individualized Personalized Learning Plan (PLP) are eligible to have course content modified to meet their educational needs. The student's course selections should be done in consultation with the Resource Teacher, Guidance Counselor and Parents.

## **GENERAL NOTES**

It is necessary for students to accept a large part of the responsibility for choosing their own courses with wisdom and foresight. These choices must be made early in the year if the work in connection with individual scheduling is to be completed in time for September school opening. Entrance requirements for universities and community colleges must play an important role in course selection. It is important to note that **UNIVERSITY ENTRANCE REQUIREMENTS MAY BE DIFFERENT FROM HIGH SCHOOL GRADUATION REQUIREMENTS**. Students should consult with Guidance Counselors regarding entrance requirements for specific courses at post-secondary institutions.

The school will endeavor to provide counseling services to assist students in selecting courses. The following factors will be considered:

- (a) long-term education and skilled trades' goals
- (b) achievement in previous school experiences
- (c) demonstrated attitudes toward school subjects
- (d) mental and manual aptitudes

**Parents and students are requested to give course choices serious consideration, as it is difficult to make course changes during the school year. Parents and students are invited to consult with the school on any matter regarding course selection at any time.**

**The school reserves the right to withdraw courses where there is insufficient registration. In cases of over subscription for courses, priority may be given to senior students.**

## **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. Appointments can be made at the main office or by seeing your Counsellor.

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

- Ms. Pryor – Students with the last name starting with the letter: A – G  
Ms. Kokoski – Students with the last name starting with the letter: Gr – N  
Mr. Nason – Students with the last name starting with the letter: O – Z

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**

A tool that is being used to help students determine career interests and establish an after high school plan is myBlueprint.

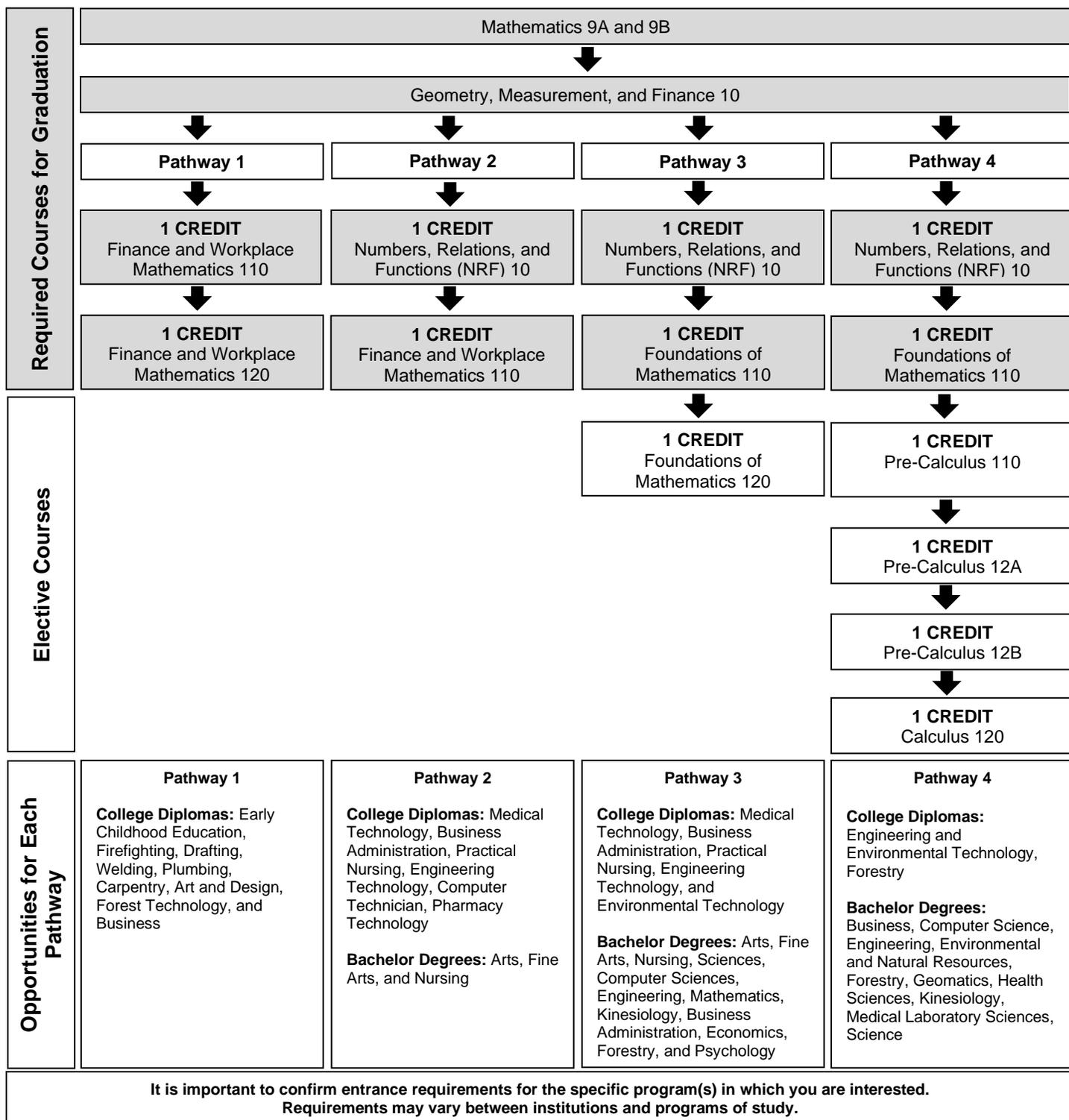
How to Create an Account: Visit – [myblueprint.ca/anglophonewest](https://myblueprint.ca/anglophonewest)

1. Click **'Sign up'**
2. Select **Your School**  
+ Create an Account

**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.

**Important Note:** Students entering grade 10 in September 2020 will be required to complete 18 credits for graduation, two of which must be math credits. In February 2021, Numbers, Relations, and Functions (NRF) 10 will be offered online for students and teachers who wish to use the resources and for those who decide to change their pathway.



# A

## **AUTOMOTIVE ELECTRICAL SYSTEMS 120**

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. **Prerequisite: Int. Combustion Engines 110 Personal Safety Equipment Required**

## **AUTO ELEC SYS 120 WEAUA1200**

# B

## **BIOLOGY 111**

Biology 111 is a one semester introductory course that includes the following topics: biodiversity, cellular matter and energy flow, energy and matter exchange by humans and other organisms, and energy and matter exchange in ecosystems. The topics covered will be the same as in Biology 112, although the depth of coverage may be greater for some topics. **Prerequisite: GMF 10, Science 10 and NRF 10 is recommended.**

## **BIOLOGY 111 SEBIA1110**

## **BIOLOGY 112**

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. Class work will include individual assignments, participating in class presentations, laboratory work including dissections 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. **Prerequisite: GMF 10, Science 10.**

## **BIOLOGY 112 SEBIA1120**

## **BIOLOGY 121**

Biology 121 is a one-semester course that includes the following topics: mitosis, meiosis, genetics, DNA structure, DNA replication, protein synthesis, and sexual reproduction, as well as change and population dynamics. These topics will be covered to a greater depth than in Biology 122. Additional topics include the brain, the eye, and the ear. Students choosing this course should have a genuine interest in science and a better than average achievement in science and mathematics. **Prerequisite or Co-requisite: Foundations of Mathematics 110**

## **BIOLOGY 121 SEBIA1210**

## **BIOLOGY 122**

Biology 122 is a one-semester course that is designed for students who plan to attend university. This course includes the following topics: endocrine, Mendelian genetics, modern DNA technology, evolution, the nervous system, reproduction and development, chromosomes, genes and DNA, and change in populations, communities and species. Class work will include individual assignments, participating in class presentations, dissections and other laboratory work and various other activities. Students will be required to do a great deal of study, both in class and at home. **Prerequisite or Co-requisite: Foundations of Mathematics 110, BIOLOGY 111 or 112 or FI Biology 112**

## **BIOLOGY 122 SEBIA1220**

## **BUSINESS ORGANIZATION & MANAGEMENT 120**

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.

## **BUS ORG AND MAN 120 BEBUC1200**

# C

## **CALCULUS 120**

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**

## **CALCULUS 120 MEPCD1200**

## **CANADIAN GEOGRAPHY 120**

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. Applicable for **Certificate in Canadian Studies**.

## **CDN GEOGRAPHY 120 HEGEA1200**

## **CANADIAN HISTORY 122**

The objective of Canadian History 122 is to examine the socio-economic, political, and cultural development of post-Confederation Canada. Various themes will be explored throughout the course including nationalism, regionalism, immigration, imperialism, industrialization, and urbanization. Students who successfully complete two of Canadian History, Canadian Literature, and Canadian Geography will receive a **Certificate in Canadian Studies**.

## **CANADIAN HISTORY 122 HEHIA1220**

## **CANADIAN LITERATURE 120**

This is an elective course open to all students in Grades 11 and 12 designed to expose students to a wide variety of Canadian writing and encourage them to explore what makes literature Canadian and how it reflects our Canadian cultural identity. Secondly, this course also provides students with opportunities to develop critical thinking, analysis, and writing skills. The units of study covered in Canadian Literature include Canadian Identity, Our Canadian Literary Heritage, Canadian Novels, Literature of the Atlantic Region, Immigrant Literature, and Canadian Music and Folklore. Students will be expected to read regularly, produce various written responses, take part in small and large group discussions, and complete a major final project. Students successfully completing the Canadian History or Canadian Geography and the Canadian Literature courses will receive a **Certificate in Canadian Studies**.

## **CDN LITERATURE 120 EELAA1200**

## **CAREER EXPLORATION 110 (2 Credits)**

Career Exploration 110 is an exploratory and experiential course that integrates classroom curriculum with work experience in the community. The course is designed to encourage students to examine personal interests, values, and aptitudes prior to engaging in a workplace readiness component. The emphasis of the course focuses on exploration and students are provided with the opportunity to work in a variety of work settings upon completion of the pre-employment module.

## **CAREER EXP (2cr) 110 TECAA1100**

## **CHEMISTRY 111**

Chemistry 111 is recommended for students who may be pursuing science or engineering at the university level. Students choosing this course should have a genuine interest and a better than average ability in science and mathematics. The teaching method emphasizes laboratory experiences, teacher demonstrations and independent work. Students will be expected to engage in individual projects and research. Topics covered will be the same as those for Chemistry 112, but the depth of coverage will be greater. **Prerequisite: GMF 10, Science 10 and NRF 10 is recommended. Prerequisite or Co-requisite: Foundations of Mathematics 110**

## **CHEMISTRY 111 SECHA1110**

## **CHEMISTRY 112**

This course is the first of two sequential Chemistry courses and introduces students to matter, elements, compounds, reactions, gases, analysis and bonding. Labs are used to reinforce concepts discussed in the classes as well as to give students a sense of accomplishment. UNB may require Science, Kinesiology, Engineering, Forestry, Computer Science, and Nursing students to have credits in Chemistry 112 AND 122. NB Community College also requires credits in Chemistry for some technology courses. This course should be taken in conjunction with Math 111 or Math 112. **Prerequisite: GMF 10, Science 10 and NRF 10 is recommended. Prerequisite or Co-requisite: Foundations of Mathematics 110.**

## **CHEMISTRY 112 SECHA1120**

**CHEMISTRY 121**

Chemistry 121 is recommended for students who may be pursuing science or engineering at the university level. Students choosing this course have a genuine interest and a better than average ability in science and mathematics. Learning is achieved through laboratory experiences, teacher demonstrations and independent work. Students will be expected to engage in individual projects and research. Topics covered will be the same as those for Chemistry 122, but the depth of the coverage will be greater. **Prerequisite: Chemistry 111 or 112, Foundations of Mathematics 110**

**CHEMISTRY 121 SECHA1210**

**CHEMISTRY 122**

Chemistry 122 is the second course of two sequential chemistry courses in which emphasis is placed on teaching chemistry using the scientific method. The topics include thermochemistry, solutions, kinetics, equilibrium, acids and bases and organic chemistry. Labs are used to reinforce most of the important concepts learned in class. **Prerequisite: Chemistry 111/112, Foundations of Mathematics 110**

**CHEMISTRY 122 SECHA1220**

**CHILD STUDIES 120**

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. Marks are based on observations, a scrapbook and a final exam.

**CHILD STUDIES 120 LEINA1220**

**COMPUTER AIDED DESIGN (CAD) 110**

CAD 110 is a computer design course that would be very useful to students interested in any use of computer 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 useful 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 drafting 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 or civic projects. Students who are looking at studying engineering in university will also have the opportunity to learn SolidWorks which is another program which is becoming an industry standard.

**COMP AIDED DSGN 110 IEDEA1100**

**COMPUTER SCIENCE 110**

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 110 IEDEC1100**

**COMPUTER SCIENCE 120**

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. **Computer Science 110 is recommended, but not required**, as a prerequisite for Computer Science 120.

**COMPUTER SCIENCE 120 IEDEC1200**

**COOPERATIVE EDUCATION 120 (2 Credits)**

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.

**COOP EDUC (2cr) 120 TECAF1200**

**CULINARY TECHNOLOGY 110**

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 TECH 110 WECUA1101**

**CULINARY TECHNOLOGY 120**

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

**CULINARY TECH 120 WECUA1200**

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**

**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.

**CYBERSECURITY & TECHNICAL SUPPORT 110**

**CYBERSECURITY & TECH SUPPORT 110 IITEM1100**

This course will provide students with an opportunity to have an in-depth study of the various areas that are related to servicing computers and peripheral devices with a focus on providing students with a base understanding of hardware, Windows, Macintosh, networking, printers and troubleshooting. Students will be expected to do hands-on activities that will complement the course through technical support.

**D**

**DIGITAL PRODUCTION 120**

**DIGITAL PROD 120 IEDEM1200**

Digital Technologies 120 is a skills-based course designed to introduce you to cutting edge technology and techniques used in the multimedia industry. Students will study Web development, digital animation and digital audio. The skills that are developed allow students to build complex Web and multimedia productions.

**E**

**ECONOMICS 120**

**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**

**ELEC 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**

**ENGLISH LANGUAGE ARTS 111 (Full year, 2 Credits)**

**ENGLISH LANGUAGE ARTS 111 EELAB1110**

Developed for students wishing to pursue the study of English Language Arts, which is based upon provincial strong achievement standards. 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: Eng. 10**

**ENGLISH LANGUAGE ARTS 112 (Full year, 2 Credits)**

**ENGLISH LANGUAGE ARTS 112 EELAB1120**

Developed for students wishing to pursue the study of English Language Arts, which is based upon provincial appropriate achievement standards. 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 demonstrate a commitment to their goals established for each of the following: speaking, listening, reading, viewing, writing, and other ways of representing. **Prerequisite: Eng. 10**

**ENGLISH LANGUAGE ARTS 113 (Full year, 2 Credits)**

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: Eng. 10**

**ENGLISH LANGUAGE ARTS 113 EELAB1130**

**ENGLISH LANGUAGE ARTS 121 (1 Semester, 1 Credit)**

Developed for students wishing to pursue the study of English Language Arts, which is based upon provincial strong achievement standards. Students will skillfully 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 exceeding goals for each of the following: speaking, listening, reading, viewing, writing, and other ways of representing. **Prerequisite: Eng. 11**

**ENGLISH LANGUAGE ARTS 121 EELAB1210**

**ENGLISH LANGUAGE ARTS 122 (1 Semester, 1 Credit)**

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: Eng. 11**

**ENGLISH LANGUAGE ARTS 122 EELAB1220**

**ENGLISH LANGUAGE ARTS 123 (1 Semester, 1 Credit)**

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: Eng. 11**

**ENGLISH LANGUAGE ARTS 123 EELAB1230**

**ENTREPRENEURSHIP 110**

Entrepreneurship is about developing a business. Students in Entrepreneurship 110 will be creating a small acreage farm business here at OHS. This course will focus on students creating ideas, skills and recognizing business opportunities. Students will learn about creating a small business via group work, research, videos, guests, and hands on experiences that will help build a possible future career. This course is dedicated to student-lead investigation where critical thinking, problem solving, and decision-making skills will be developed in the process of examining and analyzing agriculture issues as a business. This is an excellent course for students who wish to continue the study of business and or agriculture/agribusiness. Students will also be required to complete mandatory oral presentations as part of this curriculum.

**ENTREPRENEURSHIP 110 BEBUE1100**

# F

**FINANCIAL AND WORKPLACE MATHEMATICS 110**

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**

**FIN & WORK MATH 110 MEPWA1100**

**FINANCIAL AND WORKPLACE MATHEMATICS 120**

This is the second in two courses in Pathway 1 designed for entry into post-secondary trades and technical programs, or for direct entry into the work force. Students explore the limitations of measuring instruments, and solve problems using sine and cosine laws and the properties of triangles, quadrilateral, and regular polygons as they relate to construction, industrial, commercial and artistic applications. Transformations of 2-D and 3-D shapes are identified, drawn with and without technology, and used to create, analyze and describe designs and to solve contextual problems. The viability of small business options is explored including expenses, feasibility, and factors that could impact on probability. Linear relations are studied, including patterns and trends, graphing, creating tables of values, writing equations, interpolating and extrapolating, and solving

**FIN & WORK MATH 120 MEPWA1200**

problems. Students gain an understanding of mean, weighted and trimmed mean, median and mode, and explore probability. Opportunity is given to research and present an historical event or an area of interest that involves mathematics. **Prerequisite: Financial and Workplace Mathematics 110 or Foundations of Mathematics 110**

**FINE (CREATIVE) ARTS 110**

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 Fine Arts are representative of different cultures and or different time periods. Students will also learn how all the Fine 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**

**FINE (CREATIVE) ARTS 110 FEFIA1100**

**FOUNDATIONS OF MATHEMATICS 110**

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 develop logical reasoning skills and apply this to proofs and problems involving angles and triangles, the sine law and the cosine law. Students model and solve problems involving systems of linear inequalities in two variables and explore characteristics of quadratic functions. Costs and benefits of renting, leasing and buying are explored, and investment portfolios are analyzed. **Prerequisite: GMF 10 AND NRF 10**

**FOUNDATION MATH 110 MEPFA1100**

**FOUNDATIONS OF MATHEMATICS 120**

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. **Pre-requisite: Foundations of Mathematics 110**

**FOUNDATION MATH 120 MEPFA1200**

**FRAMING AND SHEATHING 110**

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.

**FRAMING & SHEATH 110 WECOB1100**

**FI/FSL BIOLOGY 112**

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 BIOLOGY 112 SFBIA1120**

**FI IND FAMILY DYN 120 (not offered in 2022-2023)**

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 IND FAMILY DYN 120 LFIND1200**

### FI MODERN HISTORY 112

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 MOD HISTORY 112 HFHIB1120

### FI (E) LANGUAGE ARTS 110

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:

### FI (E) LANGUAGE ARTS 110 SLLAA1100

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.

### FI LANGUAGE ARTS 120

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 LANGUAGE ARTS 120 SLLAC1200

### FI/FSL LAW 120 (not offered in 2020-2021)

This course is for students who have successfully completed FI Language Arts 10. This 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. **There will be a continued insistence on the use of French both as the language of instruction and communication in the classroom.**  
**Prerequisite: FI Language Arts 10**

### FI/FSL LAW 120 HLFAA1200

### FI/FSL WORLD ISSUES 120 (not offered in 2021-2022)

This course is for students who have successfully completed FI Language Arts 10. 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. Various issues are examined to acknowledge the fact that events in any part of the worlds have a reverberating effect. The future of the global community is also examined. **There will be a continued insistence on the use of French both as the language of instruction and communication in the classroom.**

### FI/FSL WORLD ISSUES 120 HFGLB1200

# G

### GRAPHICS ART AND DESIGN 110

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)

### GRAPH ART & DSGN 110 FEDEA1100

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 experience and/or interest in the Arts. A background in Visual Arts 10 is recommended. Fee - \$10.00**

### **GROWTH, GOALS, AND GRIT 120**

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.

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

## **H**

### **HUMAN PHYSIOLOGY 110**

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. **Prerequisite: GMF 10, Science 10**

### **HUMAN PHYSIOLOGY 110 SEBII1102**

## **I**

### **INDIGENOUS 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.

### **INDIGENOUS STUDIES 120 HEFNA1200**

### **INDIVIDUAL FAMILY DYNAMICS 120**

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. Marks are based on class work, projects, tests and a final exam.

### **IND FAMILY DYN 120 LEIND1200**

### **INFORMATION TECHNOLOGY 120**

Information Technology 120 is a computer course, which may be taken by any Grade 11 or 12 students. The course content is based on the internationally recognized Microsoft Office User Specialist (MOUS) certification. Presently there are five modules being delivered MS Word 2013, MS Excel 2013, and MS Power Point 2013. The object of the course is to prepare students with the advanced skills required to be successful on the exams for the MOS certification (Microsoft Office Specialist) using Microsoft desktop software. MOS exams provide a reliable measure of a person's technical proficiency and expertise by evaluating his/her overall comprehension of Microsoft Office software, and the ability to use advanced features along with the ability to integrate Office programs with other software.

### **INFORMATION TECH 120 IETEE1200**

### **INTERNAL COMBUSTION ENGINES 110**

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

### **INT COMB ENGINES 110 WEAUB1100**

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**

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 ACCOUNTING 120 BEBUA1200**

**INTRODUCTION TO ELECTRONICS 110**

Introduction to Electronics 110 introduces students to basic theory and circuitry including how to build and repair a circuit board. This course is recognized as a Science or a Technology credit towards graduation. Introduction to Electronics 110 will be of interest to students with a focus on a range of practical applications found in industry to the skills and knowledge required to pursue post-secondary learning in electrical/electronic fields.

**INTRO ELECTRONICS 110 IETEF1100**

**INTRO TO ENVIRONMENTAL SCIENCE 120**

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 ENV SC 120 SEEND1200**

**INTRO TO WOLASTOQEY 110**

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.

**INTRO TO WOLASTOQEY 110 OLWOD0102**

**J**

**JOURNALISM 120**

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.

**JOURNALISM 120 EELAE1200**

**L**

**LAW 120**

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.

**LAW 120 HELAA1200**

**LITERACY THROUGH GRAPHIC NOVELS 120 (LOCAL OPTION)**

Graphic novels have become a mainstream form of writing. This course will explore the genre and what makes it so unique. You will learn various writing techniques specific to graphic novels, literacy skills unique to graphic novels, as well as artistic ways to convey a message. Throughout the term, you will read a variety of graphic novels, and explore their significance. You

**LIT. THROUGH GRAPHIC NOVELS 120 EELAJ1204**

will also be required to create your own graphic novel. While art skills are not a requirement, an interest in drawing/art will help. If you are a fan of the genre, or are interested in learning more about graphic novels, this course is for you.

# M

## **MANDARIN A 1.1 (LOCAL OPTION)**

This is a one-semester elective course for Grade 11 and 12 students. This course focuses on two areas: language and culture difference. The course will teach students the Chinese Pinyin system and Chinese characters. The purpose of the language learning is for students to speak and read Chinese at a basic level. Students will know the daily life and lifestyle of the Chinese people, Chinese tradition, education, food, history and cross cultural communication. By the end of the course students should be able to speak Mandarin with basic conversational sentences including greetings, asking directions, describing objects and/or people and explaining situations and events.

## **MANDARIN A 1.1 110 OLMAC1100**

## **MEDIA STUDIES 120**

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.

## **MEDIA STUDIES 120 EELAF1200**

## **MILL & CABINET WORK 120**

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**

## **MILL & CABIN WK 120 WECOD1200**

## **MODERN HISTORY 111**

Modern History 111 is an enriched, in-depth thematic study of Modern European History, examining the following revolutions, among others: the French Revolution, the Industrial Revolution, the Communist Revolution in Russia, and the National Socialist Revolution in Germany. This course is designed to prepare students for the demands required by post-secondary education at university. **Prerequisite: Social Studies 10**

## **MODERN HISTORY 111 HEHIB1110**

## **MODERN HISTORY 112**

Modern History 112 presents a study of the principal developments that have occurred on the world scene in modern times. It is an overview of the major changes in political, social, and economic lifestyles beginning with absolutism. Other topics presented are: the French Revolution, Napoleon, Industrial Revolution, Nationalism, rise of Germany and Italy, World War I, post- World War I era, World War II, Russian Revolution, Fascism, Marxism, post-World War II period, and current problems such as Southeast Asia and Middle East. In addition, it assists students to understand and use several of the skills used in historical research and writing such as recognition of a frame of reference, asking questions, forming a hypothesis, and evaluating a hypothesis. This course is accepted for university entrance. **Prerequisite: Social Studies 10.**

## **MODERN HISTORY 112 HEHIB1120**

## **MODERN HISTORY 113**

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. **Prerequisite: Social Studies 10.**

## **MODERN HISTORY 113 HEHIB1130**

## **MUSIC 112 (Guitar)**

This course is designed for students who are currently proficient in playing the guitar. This class is a performance based class. If you do not play the guitar this class will be a challenge. Music theory and a basic history of the guitar are studied. The majority of your grade is made up of playing and composing. Guitar is the only instrument studied in the class.

## **MUSIC 112 FEMUD1120**

**MUSIC 120 (World Music)**

Music 120 has been designed to encourage research, presentations, discussions, and musical learnings in and about a variety of different world music. The outcomes and activities of the course focus on the need for students to: demonstrate an understanding of the importance of music to a wide variety of peoples and cultures, demonstrate an understanding of the value of music as a form of cultural expression and its relationship to other art forms and influences, demonstrate musical growth through creating and performing musical examples in a variety of styles, and demonstrate research and presentation skills related to music and culture using a variety of resources including current technology.

**MUSIC 120 FEMUD1200**

**N**

**NUMBER, RELATIONS AND FUNCTIONS 10**

This is the beginning course for the graduation pathways for Mathematics 2, 3, and 4. It is designed to prepare students for Foundation 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.

**NRF 10 MEFMM0100**

**NUTRITION FOR HEALTHY LIVING 120**

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. **Prerequisite: Science 10**

**NUTR HLTH LIVING 120 PEHEI1200**

**O**

**OCEANOGRAPHY 120 (LOCAL OPTION)**

Oceanography 120 is a comprehensive course that focuses on the scientific study of the ocean. This course explores 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. Students will be expected to complete projects and assignments, participate in various learning activities, as well as maintain a high standard of work ethic. **Recommended background: Biology 112 or 111**

**OCEANOGRAPHY 120 SEENH1204**

**OUTDOOR PURSUITS/EDUCATION 110**

The course will develop personal outdoor recreation skills based on environmental ethics. Students must satisfy the required series of out-trips that may be day-trips, 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**

**OUTDOOR PURSUITS/EDUCATION 110 PEHEB1100**

**P**

**PERSONAL INTEREST COURSE 1**

This course is 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

**PERSONAL INTEREST COURSE 1 DEMLB1100**

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 13, 2020. Class size limitations for this course may impact the number of applicants selected.

### **PERSONAL INTEREST COURSE 2**

This course is designed to promote learner agency and support personalized learning. The second section of this course may be an extension to or deepening of the learning in the first course, or it may be an entirely different course. 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. See Personal Interest 1 information for potential project ideas. 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 must follow safety guidelines and review and follow policies related to their projects. 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 13, 2020. Class size limitations for this course may impact the number of applicants selected.

### **PERSONAL INTEREST COURSE 2 DEMLB1200**

### **PHOTOGRAPHY 120 (LOCAL OPTION)**

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. **Prerequisite: Students must have access to a digital camera and have an interest in photography. It is recommended that students have been successful in Visual Arts 10.**

### **PHOTOGRAPHY 120 FEVIF1204**

### **PHYSICAL EDUCATION LEADERSHIP 120**

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 affective 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.

### **PE LEADERSHIP 120 PEPEF1200**

### **PHYSICAL GEOGRAPHY 110**

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.

**Pre-Requisite: Science 10**

### **PHYS GEOGRAPHY 110 SEENI1100**

### **PHYSICS 111**

Students who choose this course must have a genuine interest in science and a better-than-average achievement in both science and mathematics. The student employs the scientific method in gathering experimental data. Topics covered will be the same as those in Physics 112, but the depth of coverage will be greater and independent project work will be required.

**Prerequisite: GMF 10, Science 10, and NRF 10 are recommended. Prerequisite or Co-requisite: Foundations of Mathematics 110**

### **PHYSICS 111 SEPFA1110**

**PHYSICS 112**

**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. **Prerequisite: GMF 10, Science 10, and NRF 10 is recommended. Prerequisite or Co-requisite: Foundations of Mathematics 110**

**PHYSICS 121**

**PHYSICS 121 SEPHA1210**

Students who choose this course must have a genuine interest in science and a better-than-average achievement in both science and mathematics. The student employs the scientific method in gathering experimental data. Topics covered will be the same as Physics 122, but the depth of coverage will be greater and independent project work will be required. **Prerequisite: Physics 111 or 112 with teacher recommendation AND Foundations of Mathematics 110**

**PHYSICS 122**

**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. **Prerequisite: Physics 111 or 112 AND Foundations of Mathematics 110**

**POLITICAL SCIENCE 120**

**POLITICAL SCIENCE120 HEPOA1200**

Political Science 120 is an introductory political science course designed to develop an understanding of various political ideologies and systems, as well as the ability to assess the merits of each and to make comparisons. Canadian municipal, provincial and federal governments will be examined, as will various international bodies, especially the United States. This course is particularly useful for students planning university study in the Humanities.

**POST INTENSIVE FRENCH 110**

**POST INT 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, he or she 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**

**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, he or she 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**

**PWR TRAIN & CHAS 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**

**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. **Pre-requisite: GMF 10 AND NRF 10 AND Foundations of Mathematics 110 (Pre or Co-requisite)**

**PRE-CALCULUS A 120**

**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 110 is a pre-requisite for this course.**

**PRE-CALCULUS B 120**

**PRE-CALCULUS B 120 MEPCB1200**

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. **Pre-Calculus A 120 is a pre-requisite for this course.**

**PSYCHOLOGY 110 (LOCAL OPTION)**

**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 nature, personality, psychological disorders, research strategies. Regular attendance and participation in class discussions is very important in this course. The final assessment for the course will be an exit project which will allow students to conduct a research experiment or survey on a topic of their choice.

**PSYCHOLOGY 120 (LOCAL OPTION)**

**PSYCHOLOGY 120 HESOA1204**

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. The final assessment for the course will be an exit project which will allow students to conduct a research experiment or survey on a topic of their choice. **Prerequisite: Psychology 110.**

# R

**RESIDENTIAL FINISH AND INSULATION 120**

**RESIDENTIAL FINISH 120 WECO1200**

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**

**ROBOTICS & TECH 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)**

**SELS 120 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**

**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 into 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. **Prerequisite: Modern History 112 or 113**

### **SPANISH 110**

**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

### **THEATRE/DRAMATIC ARTS 120**

**THEATRE/DRAMATIC ARTS 120 FETHA1200**

This course will cover the major aspects of theatre performance, including acting and interpretation, stage craft, play management, and theatre history. The course will encourage students to face an audience with assurance, be creative, and develop communication skills within the context of dramatic texts. Dramatic Arts 120 is an elective course for students in Years 11 and 12 who have an interest in theatre. Students will be evaluated by participation, group projects, individual projects, tests, mid-term assignment, and an exit project.

### **TOURISM 110**

**TOURISM 110 BEBUJ1102**

The Hospitality/Tourism industry is identified in Canada, and particularly New Brunswick, as a rapidly growing industry. This course will provide students with lifelong learning skills that are transferable to future learning and/or the hospitality and tourism industry. The student will acquire career information, skill development and the talents for employment. This course relies on resource-based learning, practical experiences, and access to resource people and information that will help the individual in his/her career choice. Topics include the eight main sectors of the tourism industry, influences on the tourism industry, personal and interpersonal skills regarding career opportunities available, travel industry and marketing strategies.

### **TUNE-UP AND EMISSIONS 120**

**TUNE-UP & EMISS 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. **Prerequisite: Internal Combustion Engines 110**

# V

## **VISUAL ARTS 110**

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 110 FEVID1100**

## **VISUAL ARTS 120**

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 20<sup>th</sup> 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. **Prerequisite: Visual Arts 110 (or equivalent experience).** **Fee - \$10.00**

## **VISUAL ARTS 120 FEVID1200**

# W

## **WELLNESS THROUGH PHYSICAL EDUCATION 110**

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. **Prerequisite: Successful completion of Grade 9/10 Physical Education and Health.**

## **WELLNESS PHYS ED 110 PEHEA1100**

## **WOMEN, MEDIA, AND CULTURE 120 (LOCAL OPTION)**

WMC 120 aims to introduce students to critical literacy practices by examining cultural constructions (in particular, media representations) that shape and inform identities. The course engages students in reflective thinking about how they have been taught to “read the word and read the world” (Friere, 1970). Students participate in class discussions and activities that focus on representations of race, gender, class, sexuality, ability, language and other identity categories found in past and present media sources. The overall goal of the course is to encourage critical thinking, critical questioning, and critical action in an effort to construct a more socially just and democratic world. Units of Study: Introduction to Critical Discourse; Personal Relationships; Stereotypes; Gender Issues; Role of Media in Socialization Process. **Pre-requisite: Students must have successfully completed Grade 11 English.**

## **WOMEN & CULTURE 120 HESOC1204**

## **WORLD ISSUES 120**

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. Various issues are examined to acknowledge the fact that events in any part of the world can have a profound effect on Canada. The future of Canada within the global community is also examined. **Pre-requisite: Modern History 113, 112, 111, or FI Modern History**

## **WORLD ISSUES 120 HEGLB1200**

## **WRITING 110**

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.

## **WRITING 110 EELAG1100**

**COURSE SELECTION FORM**

**Grades 11 & 12**

**Student Name:** \_\_\_\_\_

**Current Grade:** \_\_\_\_\_ **Homeroom Teacher:** \_\_\_\_\_

**Choose 10 courses and 2 alternates:**

It is your responsibility to choose the compulsory subjects for graduation. If you have failed any Grade 10 courses and are not planning on attending summer school, please include the courses to be repeated in your selection of 10 courses.

**Carefully check your course names to make sure that they are correct.**

**NOTE: When selecting your courses please note the following courses count as 2 credit courses so then you only need to choose 9 courses plus your 2 alternates:  
English 111, 112, 113, Co-op 120, Career Exploration 110**

**Course Name:**

**List your compulsory courses first and follow with elective courses. Grade 11 – 5 compulsories and 4 electives. Grade 12 – 1 compulsory and 9 electives.**

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

**Alternate Courses:** It is very important to choose two more courses in case you are unable to get all the above chosen courses.

11. \_\_\_\_\_

12. \_\_\_\_\_