SUSSEX REGIONAL

HIGH SCHOOL

COURSE REQUEST HANDBOOK

2023-2024

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General Comments

Course Selection

Students are encouraged to select courses under the advisement of both parents and teachers. It is important to make wise choices when registering remembering that the number of classes in each subject depends on the number of students selecting that course each spring. A sufficient number of student requests will be required for a course to be offered (especially Level 1 and elective courses).

Course Level Descriptions

LEVEL 0 - A course without an assigned level. (Some "0" levels meet the requirements for post-secondary entrance)

LEVEL 1 - Enriched courses designed for students with an exceptional talent and interest in the subject. In determining University ranking, students in Level 1 courses will be ranked higher.

LEVEL 2 - Designed for students with good study skills and average to above-average ability and interest in the subject area.

LEVEL 3 - Designed for students who are interested in the basic, practical aspects of the subject. Students who achieve success in Level 3 courses may be eligible to apply to some programs at post-secondary institutions.

New Brunswick High School Graduation Requirements

Grads of 2024 and 2025

- **Minimum of 18 credits which include the following 8 compulsory courses:**
  - ✓ English grade 11 **(2 credits)**
  - ✓ English grade 12 **(1 credit)**
  - ✓ 2 credited math courses **(2 credits)**
  - ✓ 1 Designated History Course 1 **(1 credit)**
  - ✓ Science **(1 credit)** from:
    - Agriculture 110
    - Automotive Electrical Systems 120
    - Biology 11 or FI Biology 11
    - Chemistry 11
    - Environmental Geoscience 110
    - Forestry 110
    - Human Physiology 110
    - Introduction to Electronics 110
    - Introduction to Environmental Science 120
    - Physics 11
  - ✓ Fine Arts/Life Role Development **(1 credit)** from:
    - Automotive Electrical Systems 120
    - Cooperative Education 120
    - Culinary Technology 110
    - Culinary Technology 120
    - Dramatic Arts 110/120
    - Electrical Wiring 110/120
    - Entrepreneurship 110
    - Framing and Sheathing 110
    - Goals, Growth & Grit: Skills for Success 120
    - Graphic Art & Design 110
    - Housing and Interior Design 120
    - Individual and Family Dynamics 120
    - Internal Combustion Engines 110
    - Introduction to Applied Tech 110
    - Metals Fabrication 110/120
    - Mill and Cabinet Work 120
    - Music 110/120
    - Outdoor Education 110
    - Physical Education Leadership 120
    - Power Train and Chassis 110
    - Residential Finish 120
    - Tune-up and Emissions 120
    - Visual Arts 110/120
    - Wellness through Physical Education 110 or FI Wellness through Physical Education 110

- Students must have an English 12 and a minimum of four other grade 12 credits.
- Students must meet the requirements of the prescribed common curriculum of the 9/10 program as outlined in the Grade 9/10 Companion Document.
- Success on the English Language Proficiency Assessment (ELPR) is required.
- Students who are unsuccessful in grade 9, will have the opportunity to rewrite in their grade 11 and 12 year. Candidates are provided further support in grade 10.

Grads of 2026 and beyond

For students expected to graduate 2026 and after the graduation requirements will change. Policy 316B indicates that as of 2026, graduates must:

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

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

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

Students are required to accumulate:

- 80 total credit-hours from the list of compulsory courses and options in the cluster areas. [72 credit-hours from list of compulsory outcomes + 8 credit-hours from any cluster]

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

- a minimum of 20 additional credit-hours which may include elective courses, up to 8 credit-hours from Challenge for Credit Courses, 4 credit-hours for Independent Study, and/or 8 credit-hours for Locally Developed Courses.
- French Immersion students must complete 50% of the Grade 9 curriculum and 40 credit hours in Grades 10-12 French

Graduation requirements for a student with a Personalized Learning Plan (PLP) may vary. A PLP can contain one or more of the following:

- Accommodated: Accommodations are strategies, technologies, or adjustments without which a learner would not be able to access the curriculum or demonstrate their knowledge.
- Individualized: Planning that supports student's skill development and does not follow the prescribed curriculum.
- Adjusted Curriculum: A course is adjusted when grade level curriculum outcomes of a subject have been changed or deleted to address the specific needs of the learner. The integrity (general intent) of the course is maintained while the depth of treatment of the outcomes has been altered or deleted.

Courses and Clusters Grads of 2026 and Beyond

Language Arts and Language Cluster (Minimum of 24 credit hours)	**Humanities Cluster (Minimum of 8 credit hours)**
Compulsory Courses: ○ **English Language Arts (ELA) 10 Foundational** ○ **ELA 111/112/113 Foundational** ○ **ELA 12** ○ **FI Language Arts (FILA) 10 (FI student) or Post Intensive French 10 (English Prime student)** Optional Courses: ○ Canadian Literature 120 ○ ELA Extended 10 ○ ELA Extended 111/112/113 ○ FILA 11 ○ FILA 12 ○ Journalism 120 ○ Media Studies 120 ○ PIF 11 ○ PIF 12 ○ Reading Tutor 120 ○ Spanish 110 ○ Spanish 120 ○ Technique de Communication 110 ○ Technique de Communication 120 ○ Writing 110	Compulsory Courses: ○ **Civics 10 or FI Civics 10** Designated Courses: (4 credit hours required) o Ancient and Medieval History 111/2/3 (2024) o Canadian History 121/2/3 or FI Canadian History 121/2 o Indigenous Studies 120 o Modern History 111/2/3 o World Issues 120 or FI World Issues 120 Optional Humanities Courses: ○ Canadian Geography 120 ○ Economics 120 ○ Law 120 ○ Political Science 120 ○ Sociology 120
Mathematics Cluster (Minimum of 12 credit hours)	**Science Cluster (Minimum of 8 credit hours)**
Compulsory Courses: ○ ***Geometry Measurement & Finance 10 (GMF 10 or FI GMF 10)*** Optional Courses: ○ Calculus 120 ○ Financial & Workplace Mathematics 110 ○ Financial and Workplace Mathematics 120 ○ Foundations of Math 110 ○ Foundations of Math 120 ○ NBCC Math 1208 ○ Numbers Relations and Functions 10 *or* French Immersion Numbers Relations and Functions ○ Pre-Calculus 110 ○ Pre-Calculus A 120 ○ Pre-Calculus B 120	○ Advanced Environmental Science 120 ○ Agriculture 110 ○ Automotive Electrical Systems 120 ○ Biology 111/112 or FI Biology 112 ○ Biology 121/122 ○ Chemistry 111/112 ○ Chemistry 121/122 ○ Environmental Geoscience 110 ○ Forestry 110 ○ Human Physiology 110 ○ Introduction to Electronics 110 ○ Introduction to Environmental Science 120 ○ Physics 110 (111/112) ○ Physics 120 (121/122) ○ Science 10: Science for Sustainable Societies or FI Science 10: Science for Sustainable Societies

Personalized Well Being Cluster
(Minimum of 20 Credit Hours)

(Comprised of courses from the category of creative arts, wellness and physical education, career- connected – career, occupational trades, skilled trades and information and communication technology)

Creative Arts **(Minimum of 4 credit hours required)**	**Wellness & Physical Education** **(Minimum of 4 credit hours required)**
○ Creative Arts 110 (2024 – 2025) ○ Digital Production 120 ○ Dramatic Arts 110 ○ Dramatic Arts 120 ○ Fashion Tech. and Design 110 (2024 – 2025) ○ Fashion Tech. and Design 120 (2024 – 2025) ○ Graphic Art and Design 110 ○ Media Studies 120 (2023) ○ Music 10 ○ Music 111/2 &/or 122 ○ Music 120 ○ Visual Arts 10 ○ Visual Arts 110 ○ Visual Arts 120	○ Advanced Training Principles 120 ○ Child Studies 120 ○ Dance 110 ○ Health Care 110 ○ Human Services 110 ○ Individual Family Dynamics 120 ○ Nutrition for Healthy Living 120 ○ Outdoor Education 110 ○ Physical Education 10 ○ Psychology 110 ○ Psychology 120 ○ Sports & Recreation Leadership 120 ○ Wellness through Phys. Ed. 110 or FI Wellness 110 ○ Yoga 110 (option for 2024 – 2025)

Career-Connected Cluster
(Minimum of 4 credit hours required)

(Career – Connected is made up of courses from Career, Occupational Trade, Skilled Trades and Information and Communication Technology)

Career

- ○ Career Pathway Design 10
- ○ Coop 120
- ○ Goals, Growth & Grit 120
- ○ Pre-apprenticeship 1, 2, 3 (summer learning only)*

Information and Communication Technology

- ○ Computer Aided Design 110
- ○ Computer Science 110
- ○ Computer Science 120
- ○ Cybersecurity & Tech Support 110
- ○ Cybersecurity 120
- ○ Digital Production 120
- ○ Information Technology 120
- ○ Robotics & Auto. Processing 120

Occupational Trades

- ○ Agriculture 110
- ○ Business Org. & Management 120
- ○ Develop & Lead 110
- ○ Early Childhood Services 110
- ○ Early Childhood Services 120
- ○ Entrepreneurship 110
- ○ Fashion Tech. & Design 110 (2024/25)
- ○ Fashion Tech. & Design 120 (2024/25)
- ○ Forestry 110
- ○ Hospitality & Tourism 110
- ○ Housing & Interior Design 120
- ○ Introduction to Accounting 120
- ○ Marketing 110

Skilled Trades

- ○ Auto Electrical Systems 120
- ○ Culinary Technology 110
- ○ Culinary Technology 120
- ○ Electrical Wiring 110
- ○ Electrical Wiring 120
- ○ Framing & Sheathing 110
- ○ Internal Comb Engines 110
- ○ Intro to Applied Tech 110
- ○ Metals Fabrication/Welding 110
- ○ Metals Fabrication/Welding 120
- ○ Metals Processing 110 (2024/25)
- ○ Metals Processing 120 (2024/25)
- ○ Mill & Cabinets 120
- ○ Power Train & Chassis 110
- ○ Residential Finish 120
- ○ Tune-Up & Emissions 120

French Immersion Course Requirements for a Certificate of Second Language Proficiency

In Grades 9, 50% of curricular outcomes are offered in French.

To develop a strong foundation and confidence in French, **students must select a total of at least 40 French credit hours in** Grades 10, 11 and 12.

To ensure a strong program for all schools, the Department of Education and Early Childhood Development has committed to expanding the online offerings of French high school courses. The following online courses are now offered:

- FSL Law
- FSL Environmental Science
- FSL Writing
- FSL Tourism
- FSL Co-op and Virtual Co-op Education

Students' oral proficiency is tested at the end of Grade 12.

FIT Certificate (Basic) Requirements

Focus on Information Technology (FIT) Program is a Canada wide Certificate program from the Information and Communications Technology Council (ICTC). FIT provides students with the opportunity to develop technology and business/entrepreneurial skills with essential workplace skills and experience.

All students who achieve a FIT certificate are required to have two foundation courses. These two courses are:

- Information Technology 120
- Business Organization and Management 120

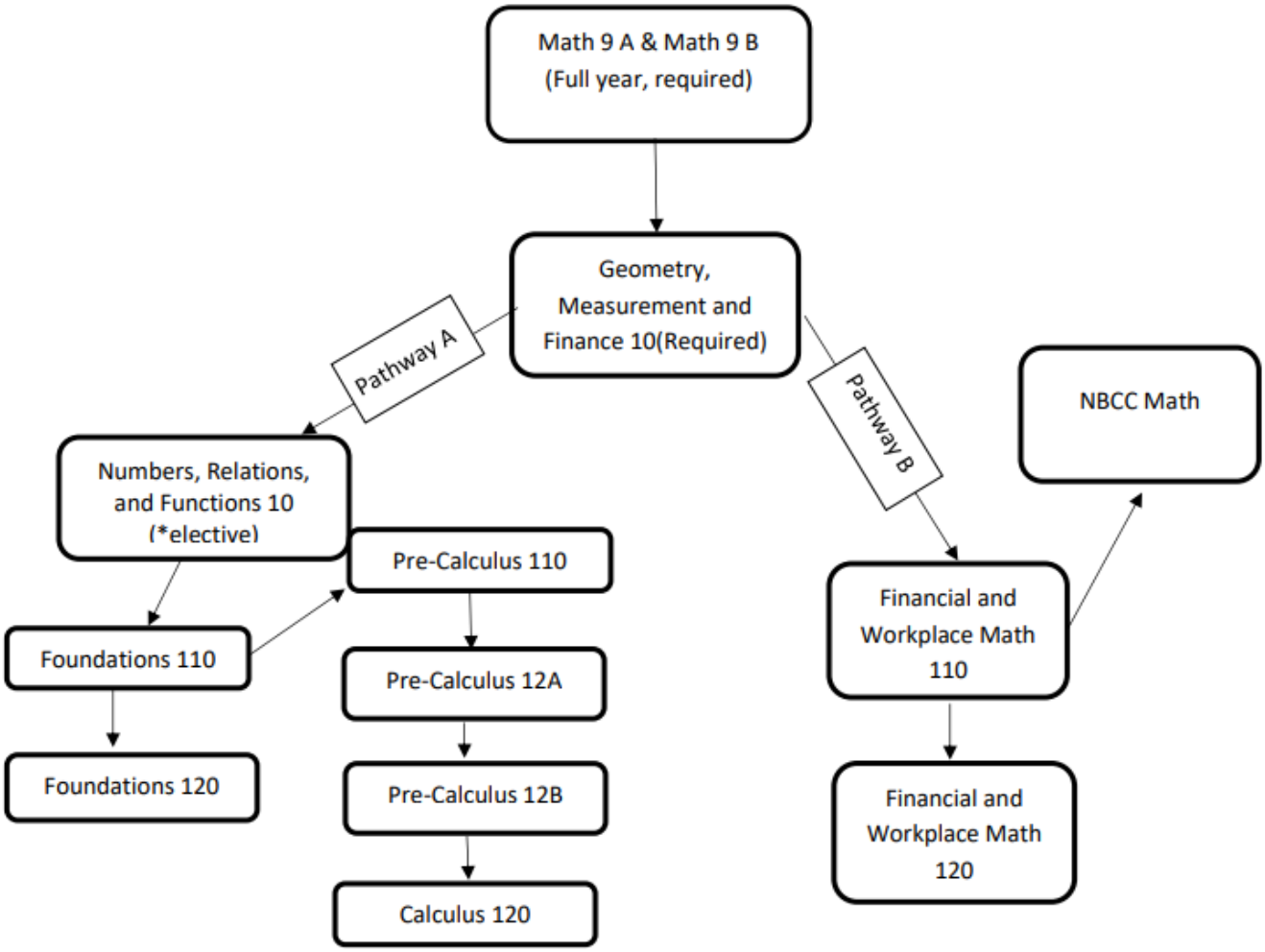
To achieve a certificate, students need the two foundation courses **plus** one additional course from the stream below.

Students can achieve a FIT Certificate in one or more of the following streams:

- Business and Information Analysis (Entrepreneurship 110)
- Software Design and Development (Computer Science 110)
- Network and Systems Operations (Cybersecurity & Technical Support 110)
- Interactive Media (Digital Production 120)

Courses do not need to be taken in any set order in to achieve a Certificate. If you are interested in a FIT brochure, please see the Guidance website.

Mathematical Pathways



Alphabetical Course Listings

A

Advanced Technology 120

Advanced Technology is project-based course in which students will attempt to identify and solve real world type problems. Typically, the emphasis has an application to Environmental Science, in that focus will be on ways to find ways to recycle old materials, look at sustainable ways to use energy or design more efficient ways to complete tasks. The course allows students to take skills they've learned in other courses, such as wood shop, metal fabrication or computer programming courses and work with other students to design solutions to everyday scenarios.

Agriculture 110

Agriculture 110 gives the student an appreciation of how and where food is produced. The major units covered are: Soils, Beef, Dairy, Swine, Sheep, Farm Safety and Forages. There are several field trips planned throughout the duration of the course. Also, each student will have a project to do that is on an aspect of agriculture that is not covered during the semester.

Ancient Medieval History 111/2/3 *(To be offered in 2024 -2025)*

Ancient and medieval histories have an influence on popular culture, public discourse, and academic curricula. The roots of the present lie deep in the past. An understanding of ancient and medieval societies will not only give students the ability to think critically about that influence and about many other issues but also foster the development of historical thinking. Thinking about how we are different from past societies and how we continue to ponder many of the same questions helps us to understand the human condition more broadly. What has changed, and what has stayed the same? Does change always mean progress? Students should have opportunities to examine ancient societies to understand what happened in the past and what characteristics have endured.

Automotive Electrical Systems 120

This course is designed to introduce the student to the theory and operation of the basic service of the automotive electrical systems. The student will study the basic function of electrical system components and practice basic service procedures. **Note: this course may be used as a science credit.**

Automotive Explorations 120

This is strictly an introductory course for the student not interested in taking or having taken any other automotive course. Recognizing that an automobile is generally the second highest priced purchase in one's life, this course is designed to meet the needs of students who have interests in the maintenance of the automobile. The course will consist of basic operation procedures on electrical components, lubrication, tires, exhaust systems, cooling systems and other basic care of the automobile.

B

Biology 111

Biology 111 is a one semester enriched introductory course to the field of Biology. This course requires students to increase their factual knowledge along with increasing their investigative skills. Topics that will be covered in this course include the history of the cell, cellular organization, cell processes, taxonomy (the study of life), evolution, and ecology. The topics covered will be the same as Biology 112, although the depth of coverage will be greater. This course is intended for students with a special interest in Biology and a commitment to independent work. Laboratory work supplements regular classroom activities, including a dissection.

Biology 112

This is an introductory course in Biology. Students enrolled in this course will be expected to maintain the literary standards equivalent to that of a level 2 English course. Topics that will be covered in this course include the history of the cell, cellular organization, cell processes, taxonomy (the study of life), evolution, and ecology. Course topics will be supplemented by laboratory work, including a dissection.

Biology 121

Recommendation: Successful completion of Biology 11

This enriched one-semester course includes the following topics: heredity, genetic information, gene expression, and evolution. These topics will be covered to a greater depth than in Biology 122 and will require students to work more independently to increase their depth of understanding and improve their investigative skills. The course includes research papers, class presentations, as well as laboratory investigations. This course is intended for students with an interest in pursuing Biology at the post-secondary level.

Biology 122

Recommendation: Successful completion of Biology 11

This course is open to students who have successfully completed Biology 112 or 111. It is strongly recommended that the students enrolled in Biology 122 have successfully completed Chemistry 112, to have a strong foundation for a better understanding of the Biochemistry and Molecular approach to this course. The course topics include heredity, genetic information, gene expression, and evolution. Laboratory work will be used to supplement and enhance regular classroom activities.

Business Organization & Management 120

NOTE: Counts toward FIT Certificate

This course is designed for university preparatory students in their last year of high school. Students should gain an understanding of how the business system is managed in Canada; emphasis being placed on business problems as seen through the eyes of management. Projects, case studies and problem solving are a major part of the course. The major topics included are business ownership, small business management; the functions and problems of management; financial management and control; production; marketing procedures; business, government, and society; and future careers in business.

C

Calculus 120

This is the last course offered in the Pre-Calculus Pathway 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.

Canadian Geography 120

Canadian Geography 120 is a study of the ever-changing cultural and physical landscapes of Canada and how they impact on each other. It examines physical systems and how they relate with human structures and systems. It investigates current issues that are important to Canadians, including environmental concerns. Geographic understandings and skills are integrated throughout the course.

Canadian History 122

Canadian History 122 is designed to provide opportunities for students to study, discuss and write about the major events in modern Canadian history. Areas of study include pre- and post-Confederation Canada, westward expansion, the Canadian identity, immigration, our role in the Boer War and both world wars, and our role in the Cold War. Assessment includes tests, projects, essays, and presentations.

Canadian Literature 120

The goal of the *Canadian Literature 120* curriculum is to promote an interest in important Canadian literature and other creative texts. The course is for students who have successfully completed Grade 10 English Language Arts, who demonstrate an interest in literature and deconstructing texts, and who wish to explore Canadian identity through a variety of literary texts worthy of study and appreciation.

Career Pathway Design 10

Career is the journey through life, learning and work. It encompasses much more than just employment. To achieve a sense of self and life satisfaction, each student requires personalized, equitable, and inclusive career pathway planning to secure their preferred future. The Career Pathway Design 10 course addresses this goal, amplifying learner agency, as informed by evidence-based research found in the New Brunswick Career Education Framework.

Chemistry 111

Recommendation: Successful completion of Science 10: Science for Sustainable Societies

This course covers the same topics as the Chemistry 112 but will move at an accelerated pace allowing time for more complex and challenging problems, and extension of topics through investigative techniques and research.

Chemistry 112

Recommendation: Successful completion of Science 10: Science for Sustainable Societies

This course is designed to give a working knowledge of chemistry by relating various properties of matter to the basic structure of matter. Students will study such topics as the handling of numbers and calculations in science, the factor-label method of problem-solving, basic vocabulary terms, the mole concept, atomic structure, electron configuration, periodic properties of the elements, chemical bonding, chemical change, stoichiometry, properties of solutions and gases, and proper procedures in the laboratory. It is expected the students should have a good working understanding of math topics and skills introduced in grade 10 math.

Chemistry 121

Recommendation: Successful completion of Chemistry 11

This course covers the same topics as the Chemistry 122 but will move at an accelerated pace allowing time for more complex and challenging problems, and extension of topics through investigative techniques and research.

Chemistry 122

Recommendation: Successful completion of Chemistry 11

Chemistry 122 builds on and is a continuation of Chemistry 112. Topics to be discussed include thermo-chemistry, reaction rates, chemical equilibrium, chemical bonding, organic chemistry, and acid-base chemistry. Chemistry is a required course for most post-secondary courses in science.

Child Studies 120

Child Studies 120 is an exploration of Child Development from prenatal through to age twelve. Through research and observations, we will explore how children grow intellectually, physically, socially, and emotionally at each stage. Using developmental theories by Maslow, Freud, and Erikson we will learn how help children grow to their full potential. Students interested in working with young children or learning more about children for personal interest would enjoy this course.

Civics 10

By the end of this course, students will be able to articulate personal rights and responsibilities and interplay among authority systems, citizens, and public policy. They will be able to express their understandings of various ideologies and forms of power as well as how those are operationalized and lived out in governments, civil society organizations, and the lives of individuals. They will be able to articulate the origins, functions, and sources of government power and how the roles played by individuals and groups is critical to informed citizenship and decision-making. Students will be able to exercise their civic agency and act on personal rights.

Computer-Aided Design (CAD) 110

An introductory course open to 11th and 12th year students who would like to know how house plans and mechanical parts are drawn. This course deals with technical drawing. No artistic skill is required; however, art skills can be improved! In-depth use of **Auto CAD LT** is a feature of this course. This course is recommended to all students, but especially to students wishing to further their education in architecture, engineering, interior design, or graphic communications related careers. The Auto-Cad computer program is the standard for design and engineering.

Computer Science 110

NOTE: Counts toward FIT Certificate

Computer Science 110 is a revamped course for today's modern coding practices. Using introductory coding language students will learn about variables, operators, methods and functions, loops and decisions, string manipulation and graphics. Students planning to study computer science or engineering at a post-secondary institution will find this course helpful.

Computer Science 120

Recommendation: Successful completion of Computer Science 110

The Computer Science 120 course extends the principles learned in Computer Science 110. Students will primarily focus on object-oriented programming, using Java as the coding language. Any students wishing to continue in Computer Sciences, Engineering, or Business studies would find the Computer Science courses beneficial.

Cooperative Education 120

*NOTE: Offered to students in their **graduation year and involves*** **an application and interview process.**

This course provides experiential work-based education that extends the learning process into the workplace. It is a course that integrates classroom theory with employability and career skill development thereby furthering the career exploration process of youth. After completing the pre-employment course component, students are placed in work where they are provided with challenging tasks and responsibilities and learn by doing. Students spend the equivalent of two periods (8 credit hours) normally daily, at the workplace. The course is based upon a collaborative partnership between the school and business/industry and involves the participation of students, teachers, employers, and student supervisors.

SPECIFIC STUDENT RESPONSIBILITIES FOR CO-OP EDUCATION INCLUDE:

1. Regular attendance and punctuality at school and the training station (approximately 2 hr/day).
2. Appropriate dress and behavior on the job.
3. Keeping a daily log record of hours worked and Journal.
4. Satisfactory progress in learning at the training station as outlined by the specific training profile.
    a. Explore a tentative career choice.
    b. Develop self-confidence and skills that will allow you to work effectively in the workplace.
    c. Develop greater awareness of the needs of business, industry, and community services.
    d. Facilitate the transition from school to work.
    e. Become involved in an exciting, innovative way to earn school credits.

Culinary Technology 110

The Culinary Technology course is an entry level hands-on food service training course. Culinary skill sets include industry organization, standards, safety and sanitation, use of tools and equipment, and food preparation. Students will study the theory of each skill and then be encouraged to practice those skills through enterprise activities. Food Preparation areas of study may include Quick Breads, Cakes, and Cookies. Yeast breads and meal planning with be explored.

Culinary Technology 120

Recommendation: Successful completion of Culinary Technology 110

Culinary Technology 120 is a continuation of Culinary Technology 110. This course focuses on safety and sanitation, food supply, influences on the menu, meal planning, and additional food preparation skills. Theory includes the planning of quality meals, ordering, pricing, and preparation service.

Cybersecurity 120

Recommendation: Successful completion of Cybersecurity and Tech Support 110

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, while using problem-based and project-based learning.

Cybersecurity and Tech Support 110

This course is an in-depth exposure in computer hardware and operating systems. Students will learn the functionality of hardware and software components as well as suggested best practices in maintenance and safety issues. Through hands on activities and labs, students will learn how to disassemble and assemble computers, configure a computer, install operating systems and software also trouble shoot hardware and software problems. In addition, there will be instruction on networking and communication skills as well. This course can be used as a dual credit. Which means the course can be used as a high school credit towards graduation as well as a Community College credit. This course will help students prepare for CompTIA's A+ certification. The course is mostly on-line provided through Cisco Systems Networking Academy as well as hands on in the lab. This course is also (1) of the 5 courses required to successful complete the **FIT (Focus in Technology) certificate**.

D

Dance 110

Dance 110 will cover both theoretical and practical approaches in Dance. Various styles of dance will be covered in this course such as, but not limited to, ballet, jazz, tap, lyrical/contemporary, and hip hop. Dance 110 will help foster further opportunities to learn and grow to discover the possibilities of a career in professional dance after high school. Students will explore the history and evolution of various styles of dance through a theoretical approach, explore the skill of improve, explore opportunities to advance in technique, create a professional portfolio to highlight areas of strength as a dancer, and work on various pieces of choreography for performance. This course will be a mixture of classroom work and dancing during the school day in a designated space. Wearing proper dance attire, hair, and appropriate dance shoes for the practical portion of this course for various styles will be required.

Develop and Lead 110

Learners discover, explore, and reflect on leadership. In Develop and Lead 11, learners will have the opportunity to plan, organize, and administer projects within their schools and communities. Regardless of their comfort level or previous experience, learners will develop leadership potential in a safe and inclusive space. Learners will explore various roles in group dynamics, including being a leader, collaborating with others, and contributing positively to learning experiences.

When learners take on leadership responsibilities, overall participation increases, and engagement improves. Leadership potential is developed when learners are provided the autonomy to create initiatives which build and reinforce leadership attributes, styles, and skills.

Digital Production 120

This course develops competencies to work in the rapidly growing online world, including web design and development, social and mobile media, interactive games, and e-commerce. The course blends business, technology, and artistic skills to address the important new opportunities organizations are facing in the online world. This course is also (1) of the 5 courses required to successful complete the **FIT (Focus in Technology) certificate**.

Dramatic Arts 110

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

Dramatic Arts 120

Recommendation: Successful completion of Dramatic Arts 110

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

E

Early Childhood Services 110

The overall aim of this course is to help students realize and appreciate the role parents and caregivers play in a child's development. Students will gain a greater understanding of how children develop emotionally, socially, intellectually, and physically through the first five years of life. Through playschools planned and operated by students, students will participate in playschools for children ages 3-5 with additional observation of infants and toddlers. If you are interested in working with children as a career or becoming an informed parent, this is a course for you. Post-secondary employment opportunities will be researched as well.

Early Childhood Services 120

Recommendation: Successful completion of Early Childhood Services 110

The overall aim of this course is to prepare students for careers working with young children in relation to the New Brunswick Early Learning Framework. Students will evaluate their capacity as an early childhood educator and the requirements for employment in New Brunswick. The focus will be valuing the early years and the topics of: Well Being, Play and Playfulness, Communication and Literacy, Diversity and Social Responsibility.

Economics 120

Economics 120 provides a basic understanding of our economic system and how it works. The role of Canada's major economic institutions and how they interact is examined. Some of the topics covered include business organization, supply, demand, and the market, money and the banks, international trade, the stock market, and performance of the Canadian economy. This course will be of special interest to those considering a career in Business or Commerce.

Electrical Wiring 110

This course is for all students who want to learn about circuitry. No experience is necessary. Students enrolled in this course will teach the various circuit arrangements used to control lights and receptacles in residential applications. Theory and skills are developed through hands-on wiring projects.

Electrical Wiring 120

Recommendation: Successful completion of Electrical Wiring 110

This course is an extension of 110 Electrical Wiring. Topics of residential wiring, safety, switching circuits, conductor material and sizes, service and grounding requirements, wiring methods, installation of electrical equipment, installing of lighting equipment, and basic circuits using buzzers and chimes, entrance systems, raceway wiring, electric heat, and Canadian Electrical Code are practiced as hands-on projects. This course is useful for students who are considering trades as a career option.

English Language Arts 10 Extended

Recommendation: Successful completion of English Language Arts 10 Foundational

ELA 10 Extended is an elective one semester course designed to extend a student's English Language Arts learning based on their interests, needs, and strengths. In grade 10, English Language Arts students are expected to listen, view, read, and discuss increasingly complex information and literary texts, representing a variety of voices, for enjoyment, learning and personal understanding, collaboratively and independently. With an emphasis on Canadian content, including works by Black, Indigenous and racialized people, students will be exposed to a wide variety of texts representing diverse voices and perspectives (e.g., LGBTQ2S+, neurodiversity, age, gender, ethnicity, culture, religion, and ability).

English Language Arts 10 Foundational

In grade 10, English Language Arts students are expected to listen, view, read, and discuss increasingly complex information and literary texts, representing a variety of voices, for enjoyment, learning and personal understanding, collaboratively and independently. With an emphasis on Canadian content, including works by Black, Indigenous and racialized people, students will be exposed to a wide variety of texts representing diverse voices and perspectives.

English Language Arts 11 Extended *(To be offered in 2024 – 2025)*

Recommendation: Successful completion of English Language Arts 11 Foundational

ELA 11 Extended is an elective one semester course (ELA Extended 111, ELA Extended 112, ELA Extended 113). It is designed to extend a student's English Language Arts learning based on their interests, needs, and strengths. In grade 11, English Language Arts students are expected to listen, view, read, and discuss increasingly complex information and literary texts, representing multiple voices, for enjoyment, learning, advocacy, and personal understanding, collaboratively and independently. With an emphasis on Canadian content, including works by Black, Indigenous and racialized people, students will be exposed to a wide variety of texts representing diverse voices and perspectives (e.g., LGBTQ2S+, neurodiversity, age, gender, ethnicity, culture, religion, and ability).

English Language Arts 11 Foundational *(To be offered in 2024 -2025)*

Recommendation: Successful completion of English Language Arts 10 Foundational

ELA 11 Foundational is a required one semester course worth 4 credit hours (ELA Foundational 111, ELA Foundational 112, ELA Foundational 113). In grade 11, English Language Arts students are expected to listen, view, read, and discuss increasingly complex information and literary texts, representing multiple voices, for enjoyment, learning, advocacy, and personal understanding, collaboratively and independently. With an emphasis on Canadian content, including works by Black, Indigenous and racialized people, students will be exposed to a wide variety of texts representing diverse voices and perspectives.

English 111

Recommendation: Completion of English 10 with a minimum grade of 80% or recommendation of Year 10 teacher

English 111 is a course designed for students whose aptitudes and interests in language and literature are above average. This course will provide an enriched variety of experiences with language and texts to challenge and refine students' competencies. Greater range and depth of the content plus more independent and interdependent experiences will accommodate students' interests and talents. Higher levels of thinking are stressed such as analysis, interpretation, evaluation, and synthesis. Skills in the appreciation of literature are further developed. Students will continue to develop and maintain skills in paragraphing, sentence combining, vocabulary building, reading, formal essay writing and conducting research. The completion of numerous pieces of process writing based on Write Traits (pre-writing, rough copy, editing, good copy) and its marking rubric is mandatory. Two of these will be the literary essay with proper use of citations. An additional two pieces must be formal research essays which will demonstrate correct use of MLA and APA format. There will be at least two oral presentations. These are minimum requirements and do not represent the number of writing assignments expected of students at this grade level.

English 112

Recommendation: Completion of English 10 with a minimum grade of 70% or recommendation of Year 10 teacher

Students will continue to develop and maintain skills in paragraphing, vocabulary building, sentence combining, reading and formal essay writing. Higher levels of thinking are stressed such as analysis, interpretation, and evaluation. Skills in appreciation of literature are developed, with a view to preparing for the 122 program. Students will continue to develop and maintain skills in paragraphing, sentence combining, vocabulary building, reading, formal essay writing and conducting research. The completion of numerous pieces of process writing based on Write Traits (pre-writing, rough copy, editing, good copy) and its marking rubric is mandatory. Two of these will be the literary essay with proper use of citations. An additional two pieces must be formal research essays which will demonstrate correct use of MLA and APA format. There will be at least two oral presentations. These are minimum requirements and do not represent the total number of writing assignments expected of students at this grade level.

English 113

Recommendation: Completion of English 10

Students will continue to develop and maintain skills in paragraphing, vocabulary building, sentence combining, reading, speaking and essay writing. The completion of numerous pieces of process writing based on Write Traits (pre-writing, rough copy, editing, good copy) and its marking rubric is mandatory. There will be at least two oral presentations. Group and individual projects based on class work become an increasingly important part of the program. The study of a novel, as well as short fiction and non-fiction, will be integral in the course. Workplace preparation is also a focus.

English 121

Recommendation: Successful completion of English 112 or 111

English 121 is a course designed for students whose aptitudes and interests in language and literature are above average. This course will provide an enriched variety of experiences with language and texts to challenge and refine students' competencies. Higher levels of thinking are stressed such as analysis, interpretation, evaluation, and synthesis. Greater range and depth of the content in addition to more independent and interdependent experiences will accommodate students' interests and talents. Students will continue to develop and maintain skills in paragraphing, vocabulary building, sentence combining, reading and formal essay writing. The completion of numerous pieces of process writing based on Write Traits (pre-writing, rough copy, editing, good copy) and its marking rubric is mandatory. Three of these pieces must be formal essays written with proper use of MLA and APA format; one must be a research paper. There will be at least two oral presentations. These are minimum requirements and do not represent the total number of writing or speaking assignments expected of students at this grade level.

English 122

Recommendation: Successful completion of English 112 or 111

Students will continue to develop and maintain skills in paragraphing, vocabulary building, sentence combining, reading and formal essay writing. Skills in the appreciation of literature are developed, with focus on classic drama, a modern play, a literary period, novel studies, and poetry. Higher levels of thinking are stressed such as analysis, interpretation, and synthesis. In addition, skills in the appreciation of literature are further developed. The completion of four pieces of process writing (pre-writing, rough copy, editing, good copy) based on Write Traits and its marking rubric is mandatory. Three of these pieces must be formal essays written with proper use of MLA and APA format; one must be a research paper. There will be at least two oral presentations. These are minimum requirements and do not represent the total of speaking and writing assignments expected of students at this grade level.

English 123

Recommendation: Successful completion of English 11

Students will continue to develop and maintain skills in paragraphing, sentence combining, vocabulary building, reading, speaking and essay writing. The completion of numerous pieces of process writing based on Write Traits (pre-writing, rough copy, editing, good copy) and its marking rubric is mandatory. There will be at least two oral presentations. Group and individual projects based on class work become an increasingly important part of the program. The study of a novel as well as the study of short fiction, non-fiction and media will be integral in the course. Workplace preparation continues to be a focus in this course as well.

Entrepreneurship 110

NOTE: Counts toward FIT Certificate

This course is open to any year 11 or 12 student. An entrepreneurship studies program is designed to nurture the business and innovative spirit in students. Students produce a product or service in a marketplace setting; loans are available to students, repayable on market day with profits remaining with students. Students will develop entrepreneurial skills and attitudes, develop an understanding of the role of an entrepreneur and explore career options.

Environmental Geoscience 110

Environmental Geoscience 110 promotes the asking and answering of questions about planet Earth and may generate interest in professional geologists, engineers, and/or GIS specialists. By the end of this course, learners will have developed perspectives on Earth systems by exploring cultural values in relationship to place, exploring spatial positioning, and exploring geographic data. It is expected that learners will understand the importance of consultation with rights- and/or stake- holders and understanding perspectives on place before pursuing science in the field.

F

Financial and Workplace Mathematics 11

Recommendation: Successful completion of Geometry, Measurement and Finance 10

This course is the first of two courses designed for entry into many trades and technical programs, and 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 and 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.

Financial and Workplace Mathematics 120

Recommendation: Successful completion of ***Financial and Workplace Mathematics 110*** *or* ***Foundations 110****.*

This is the second of two courses in the Financial and Workplace pathway 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 are explored including expenses, feasibility, and factors that could impact on profitability. Linear relations are studied, including patterns and trends, graphing, creating tables of values, writing equations, interpolating, and extrapolating, and solving problems. Students gain an understanding of mean, weighted and trimmed mean, median and mode, and explore the impact of outliers. They also compare percent and percentile and explore probability. Opportunity is given to research and present an historical event or an area of interest that involves mathematics.

Forensic Science 120

Forensic Science 120 is an introductory course that outlines scientific concepts and techniques behind the work of forensic lab technicians/scientists. Students will be required to apply scientific skills from a variety of disciplines including biology, chemistry, and physics to specific crime scene scenarios. Students will analyze past crimes and the forensic science that was used to help solve them. This course will introduce the topics of blood spatter analysis, crime scene analysis, fingerprinting, handwriting analysis, ballistics, toxicology, and forensic anthropology.

Forestry 110

Forests and sustainable forest management have and will continue to play an essential role in the social, environmental, and economic well-being of the province. Forestry 110 will develop an appreciation and understanding of the societal values placed on forested ecosystems, how forests are managed to achieve these values, and the interactions between humans and forests. The learning outlined will promote literacy, knowledge, and skills to enable students to meaningfully engage in public discourse around forests and the forest sector. The course will also identify multiple career pathways within the forest sector for rewarding employment within the province of New Brunswick.

Foundations of Mathematics 11

Recommendations: Successful completion of Number, Relations, and Functions 10

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

Foundations of Mathematics 120

Recommendation: Successful completion of Foundations of Mathematics 110

This is the second of two courses in the Foundations of Mathematics pathway 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.

Framing and Sheathing 110

The course is designed to develop knowledge and skills required in the construction of framed buildings. The methods, materials and skills used in framework from the foundation to the roof, including trusses, are covered. There will be a lab fee of $15.

French Immersion Biology 112

This is an introductory course in Biology. Students enrolled in this course will be expected to maintain the literary standards equivalent to that of a level 2 English course. Topics that will be covered in this course include the history of the cell, cellular organization, cell processes, taxonomy (the study of life), evolution, and ecology. Course topics will be supplemented by laboratory work, including a dissection.

French Immersion Canadian History 121

French Immersion Canadian History 121 provides students, planning on attending university, with opportunities to develop skills needed for success in any university program. Materials from Canadian history are used to develop skills in areas of critical thinking, research, organization, questions, analysis, creating and proving hypotheses, essay writing and seminar presentation. A focus will also be placed on communication in French.

French Immersion Canadian History 122

French Immersion Canadian History 122 is designed to provide opportunities for students to study, discuss and write about the major events in modern Canadian history. Areas of study include pre- and post-Confederation Canada, westward expansion, the Canadian identity, immigration, our role in the Boer War and both world wars, and our role in the Cold War. Assessment includes tests, projects, essays, and presentations. A focus will also be placed on communication in French.

French Immersion Civics 10

By the end of this course, students will be able to articulate personal rights and responsibilities and interplay among authority systems, citizens, and public policy. They will be able to express their understandings of various ideologies and forms of power as well as how those are operationalized and lived out in governments, civil society organizations, and the lives of individuals. They will be able to articulate the origins, functions, and sources of government power and how the roles played by individuals and groups is critical to informed citizenship and decision-making. Students will be able to exercise their civic agency and act on personal rights.

French Immersion Geometry Measurement and Finance 10

Geometry, Measurement and Finance 10 provides foundations for further study in mathematics and along mathematics pathways, and includes concepts in geometry and measurement, and develops financial literacy. Learners will relate the properties and principles of lines and angles; compare and apply systems of measurement; apply financial literacy concepts to personal financial decisions and wellness; apply formulae to solve problems. Geometry, Measurement and Finance 10 is the final compulsive mathematics course in New Brunswick. Topics include Pythagorean Theorem; polygons; angles; trigonometric ratios; metric and imperial systems of measurement; surface area and volume; unit pricing; currency exchange; income (gross and net pay); credit cards; loans; interest.

French Immersion Language Arts 10

Recommendation: Successful completion of French Immersion Language Arts 9

This course is designed to assure the maintenance and progression of the language skills of Early and Late Immersion students. Students taking this course will study the language using media such as novels, written reports, essays, and presentations. New grammar structures and rules will be introduced. The grade 10 student will be encouraged not only to speak French but to speak French correctly to prepare for their oral interview in grade 12.

French Immersion Language Arts 110

Recommendation: Successful completion of French Immersion Language Arts 10

This course is designed to assure the maintenance and progression of the language skills of Early and Late Immersion students. Students taking this course will study two novels and be asked to write essays. New grammar structures and rules will be introduced. The grade 11 student will be encouraged not only to speak French but to speak French correctly to prepare for their oral interview in grade 12. Throughout the term students' oral comprehension will be tested with a French-Canadian miniseries where students will also be able to explore the French culture in their country.

French Immersion Language Arts 120

Recommendation: Successful completion of French Immersion Language Arts 110

This course pursues the same objectives as the 10 and 110 programs. The 120 program will continue to develop the students' vocabulary and writing skills by having them write essays, letters and narratives, as well as other forms of writing and participate in numerous oral activities. It will also cover the series “les Hauts et les Bas de Sophie Paquin” and a novel study. It is hoped that the 120 course will fine-tune the language skills acquired during the previous years of the Immersion program. A provincial assessment of French language proficiency is completed during this course.

French Immersion Modern History 111

The course content is the same at the English language Modern History course. However, the objectives are somewhat different. The French Immersion Modern History teacher is not only preoccupied with the knowledge of the course content but also with the development of the students' language skills. The course will cover topics such as the Great Discoveries, the Scientific Revolution, the Age of Enlightenment, the French Revolution, Industrialism, the World Wars, the Holocaust, and the Cold War. The students will also learn about personalities who helped shape our world. Immersion students are strongly encouraged to study Modern History in French to continue developing language skills.

French Immersion Modern History 112

The course content is the same at the English language Modern History course. However, the objectives are somewhat different. The French Immersion Modern History teacher is not only preoccupied with the knowledge of the course content but also with the development of the students' language skills. The course will cover topics such as the Great Discoveries, the Scientific Revolution, the Age of Enlightenment, the French Revolution, Industrialism, the World Wars, the Holocaust, and the Cold War. The students will also learn about personalities who helped shape our world. Immersion students are strongly encouraged to study Modern History in French to continue developing language skills.

French Immersion Numbers Relations and Functions 10

Recommendation: Successful completion of FI Geometry Measurement and Finance 10

Number, Relations, and Functions 10 provides foundations for more complex mathematical reasoning and/or calculus and includes number properties, algebra, and functions. Learners will analyze numbers and model factoring; graph and describe relationships between variables; analyze functions; apply understanding of systems of linear equations to solve problems. Learners will enact and apply prior Mathematics K-9 knowledge. This course develops pathways to further studies in mathematics and/or preparatory skills for calculus. Topics include prime factors; common factors; square and cube roots; irrational numbers; integral and rational exponents; polynomial expressions; trinomial factoring; linear relations and functions; slope; distance formula; and midpoint formula.

French Immersion Science 10: Science for Sustainable Societies

Learners enrolled in this course will consider the roles science and technology play in their lives and communities. The connections that exist between matter and energy are explored through systems thinking. Using systems thinking to consider the complex interplay of chemical processes with scientific, societal, and environmental systems provide learners with critical knowledge required for other high school science courses.

French Immersion Wellness through Physical Education 110

The goal of this course is to promote healthy active living for life. Students will experience a variety of wellness activities, design a wellness opportunity for a community group 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.

French Immersion World Issues 120

The general aim of the World Issues 120 program is to provide an understanding of the issues and events that have occurred (post World War II) and continue to shape the modern world. The course covers current political, economic, social, and environmental concerns which are global in nature and require global solutions.

G

Geometry Measurement and Finance 10

Geometry, Measurement and Finance 10 provides foundations for further study in mathematics and along mathematics pathways, and includes concepts in geometry and measurement, and develops financial literacy. Learners will relate the properties and principles of lines and angles; compare and apply systems of measurement; apply financial literacy concepts to personal financial decisions and wellness; apply formulae to solve problems. Geometry, Measurement and Finance 10 is the final compulsive mathematics course in New Brunswick. Topics include Pythagorean Theorem; polygons; angles; trigonometric ratios; metric and imperial systems of measurement; surface area and volume; unit pricing; currency exchange; income (gross and net pay); credit cards; loans; interest.

Graphic Art and Design 110

This course focuses on the making and analyzing of commercial art. Throughout the semester students will be developing art that focus of different design principles found in things like advertising, commercial packaging, company logos and popular culture. Students will have the opportunity to work with both traditional art materials as well as acquiring new digital editing skills and artistic techniques on programs such as gimp or Photoshop.

Growth, Goals and Grit: Skill for Success 120

Goals, Growth, and Grit: Skills for Success 120 will provide students with skills in three main areas: 1. Positive and productive mindsets and behaviors 2. Organizational patterns 3. As well as functional and critical literacy. Within the broad learning expectations of the course, specific success skills, strategies, and practices will be explored. You will be supported to apply and transfer these skills, strategies, and practices to other courses and real-life situations. You will learn how these support postgraduate pursuits.

H

Health Care 110

This course introduces students to content and concepts related to health care and the healthcare system. Students will learn how the Canadian healthcare system works and will be introduced to various medical professionals that work within the system. Students will learn what it takes to be a professional within the different healthcare occupations. They will examine the rights of a healthcare consumer, develop an awareness of related environmental and societal issues, and will begin to explore secondary and post-secondary pathways leading to careers in the field.

Hospitality and Tourism 110

The 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, resource people and information that will help the individual in his/her career choice. Topics include the main sectors of the tourism industry, influences on the tourism industry, personal and interpersonal skills regarding career opportunities available, travel industry and marketing strategies.

Housing & Interior Design 120

Housing and Interior Design 120 is designed to show the relationship between different types of housing and the housing needs of individuals, families, and communities. The influences of cultural, psychological, and aesthetic aspects of housing are examined. The value of creativity and individuality in a living environment is an important element of the course. Course topics span factors including housing in various cultures, historical and modern trends in housing and lifestyles needs, financial and legal costs and requirements, basic floor plans and arrangements, plus the principles and elements of design. This course would be of interest to students interested in the field of housing and interior design.

Human Physiology 110

A study of Human Physiology will be relevant to every student, providing them with the tools they will need to make informed choices about their own health and that of others. This course focuses on the physical components and healthy functioning of all the major human body systems including the digestive, respiratory, excretory, muscular, endocrine, immune, integumentary, circulatory, and reproductive. Students will be expected to complete laboratory work as well as research. Students will be able to apply this knowledge to their personal life.

Human Services 110

The overall aim of Human Services is to increase students' awareness of the importance of human service work and to prepare them for future employment and/or post-secondary education. This course also explores supporting families at all stages. Due to the increasing elderly population and the trend towards "*at home care*" versus "*institution care"*, there is a need for trained human service workers. The course will focus on the skills to prepare people to work with youth, elderly and the disabled. It may include community activities.

I

Individual and Family Dynamics 120

The individual and Family Dynamics 120 curriculum explores 4 themes: families in a changing world, personal growth and development, interpersonal relationships, and individual and family wellness.

Information Technology 120

Information Technology 120 focuses on 3 major learning modules: Windows, Internet Search Techniques, and the Microsoft Office Suite (MS Word, MS Excel, MS PowerPoint, and MS Access). Each of the modules will provide the student with a good understanding and introduction to some of the higher-level operations of a computer system and to some of the available software applications and functions of the workplace computing environment. This course is designed for career and personal use. *NOTE: Counts toward the FIT Certificate*

Internal Combustion Engines 110

A course designed to develop proficiency in the repair, overhaul, service and testing of the internal combustion engine. The theory of operation of the engine and its components is emphasized along with the development of manipulative skills and work habits. The students will be working on full size car engines along with the necessary equipment and tools for testing and repair.

Introduction to Accounting 120

Introduction to Accounting 120 is a program which introduces basic accounting principles used in service and merchandising businesses. Case studies and interpretation of financial data are course components. This is an excellent program for students who plan to enter business or business-related programs on the university or community college level, as well as, for anyone who may wish to manage, own, or operate a business.

Introduction to Applied Technology 110

This course is for anyone interested in the trades and who wants to learn through practical, hands-on activities. No experience is necessary. The intention of this course is to expose students to various skills that can prove useful for those wanting to become more proficient with hands-on applications in fields including electrical, carpentry, drafting, workplace safety, and WHMIS. This is a great introduction course for students as it can help them determine their areas of interest and the courses, they would like to pursue during their grade 11 and 12 years.

Introduction to Electronics 110

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

Introduction to Environmental Science 120

In the first portion of this course students will explore the basic concepts associated with maintaining the Earth and keeping the world alive. The last portion of the course will involve students performing in depth studies into various environmental problems including but not limited to climate change, biodiversity, energy production, the Greenhouse Effect, and the Ozone Layer.

J

Journalism 120

This is primarily a writing course with emphasis on communicative skills, principles of journalistic expression and the practice of both. Students will be provided with intensive practice in writing and editing in a style that demands brevity and clarity and is designed for publication. Higher levels of activities such as research, synthesis, analysis, and evaluation are an integral part the preparation for final drafts. In addition, it requires students to demonstrate creative processes involving skills such as design, layout, creative writing, and photography. Computer technology is also integrated into the curriculum to provide students with practical opportunities to use word processing, desktop publishing, painting, drawing, accounting, and database programs. This course will also explore the field of journalism as it applies to radio, TV, blogging, multi-media, and emerging technologies. Students will take this course over a semester and thus receive one credit.

L

Law 120

This course covers all aspects of law including a brief history of our system, criminal law, human rights, charter of Rights and Freedoms, the Youth Criminal Justice Act, and aspects of civil law. This course should be of interest to all students as we are all aware of the maxim “Ignorance of the law is no excuse.”

M

Marketing 110

Knowledge of marketing techniques and strategies enables learners to develop marketing plans that appeal to the consumer, by identifying and reflecting on the various wants, needs, and experiences of the target audience. Understanding the purpose of marketing and strategies used to evoke an emotional response in consumers can help prepare learners to interact positively with digital media. Learners will develop skills to decode data and data visualizations to support critical thinking when interacting with information that surrounds them. Engaging with different marketing approaches will encourage learners to improve communication and negotiation skills, transferable skills outside of the classroom and beyond graduation.

Media Studies 120

The goal of the Media Studies 120 course is to offer an introduction to the evolution and impact of mass media on the individual and society. The course will emphasize the content, processes, and technical elements of media production. This is primarily a project-based course, so the student must be prepared to submit work in accordance with predetermined deadlines. Completion of all assignments promptly and satisfactorily is necessary for success in this course.

Metal Fabrication 110

This course introduces students to the trade of Welding. Students enrolled in this competency-based course will learn how to weld, butt and join metal. Skills such as measuring, layout and fabrication will give students a jump start in a welding career. If your goal is to become a welder or if you just want to be able to work in your shop at home, this course is for you. Students are encouraged to purchase a welding helmet and gloves. Students need to provide safety footwear.

Metals Fabrication 120

Recommendation: Successful completion of Metal Fabrication 110

This course will be an extension of Metal Fabrication 110 including cutting, grinding, and welding as the focus. Students will continue welding in the flat position and move to horizontal, vertical, and overhead positions. Students will have the opportunity to receive welding tickets.

Metals Processing 110 *(To be offered in 2024 – 2025)*

Metal Processing 110 introduces students to applications of math, drafting and manufacturing processes. Students develop the dexterity required to safely operate hand tools & stationary equipment. Throughout the course, students will be presented with authentic situations in which they will make use of grade appropriate math and science skills/knowledge. They will also need to call on their problem-solving skills, logical-thinking, spatial-relations and tool skills. This course prepares students to enter professions that require critical thinking to design, evaluate and/or work with people to build devices and building components. Students will learn valuable safety procedures and tool skills.

Metals Processing 120 *(To be offered in 2024 – 2025)*

Metal Processing 120 allows students to advance basic skills developed in Metals Processing 110. Also, students will practice and develop new introductory skills that are required to pursue post-secondary learning in the Metals trades. Students enrolled in this course are encouraged to work both independently and in teams while achieving specific curriculum outcomes. Students must have successfully completed Metals Processing 110 as a pre-requisite.

Milling and Cabinet Work 120

A laboratory course which emphasizes the construction of custom mill items and cabinets found in the typical home. Students practice estimating and planning of projects as well as the maintenance of hand and machine tools. **There will be a lab fee of $15.**

Modern History 112

Modern History 112 is a course for students who intend to go to college or university after high school graduation. Units of study include The End of Traditional European Society, the French Revolution, the Industrial Revolution, World War I, the 1920's and 1930's, World War II and the Holocaust, and the Cold War. Assessment includes tests, essays, response papers, projects, and presentations.

Modern History 113

Modern History 113 is a course designed for students who do not intend to go to university but may wish to attend some colleges. The major topic areas covered in this course are The Growth of Industrialization, World War I, Life in the 1920's and 30's, the rise of Communism and Nazism, and World War II. A special unit on the Holocaust is offered with the units on Nazism and World War II.

Music 10

Music offers unique experiences from which a better understanding of the world can emerge. Learners who are engaged in such a program can develop a comprehensive awareness, appreciation, and understanding of personal life experiences and events. Learners may choose different pathways to develop skills in a variety of performance and composition settings. In Music 10 – 12, learners will connect music learning to personal experiences, explore musical examples from multiple cultural contexts, explore the role of the arts in society and its power to effect change, use music with intention to communicate, create, and compose with intention, continue to develop practical skills in music performance, display increased confidence as performers and creators, and practice respect for varying opinions, tastes, capacity for sharing music.

Music 112

This is a general appreciation course. Emphasis will be placed on the development of practical skills in piano/ guitar/ voice / non-melodic and melodic percussion. This is an activity-based course, so students must be mature enough to meet the high level of independence and responsibility required of them. Students will be exposed to a variety of styles through theory and history exercises.

Music 122

Recommendation: Successful completion of Music 11

This course is designed for the advanced and serious study of music for those planning to continue in music after graduation. Students will work independently on topics such as Canadian Music History, Music Criticism, Music Industry/Careers and Composition. There is also a practical component to the course.

N

NBCC Skilled Trades and Work Ready Math 120

Recommendation: Successful completion of Financial and Workplace Mathematics 110

NBCC Skilled Trades and Work-Ready Math 120 gives students the opportunity to practice skills individually, to solve problems with others and to work on projects that incorporate mathematics. Ideally, students will apply math concepts using a hands-on fashion in an authentic workplace or trades facility. However, safety restrictions and limitations of facilities in some schools require the flexibility to design activities that can also be completed in a community or classroom environment. Teachers should use a variety of learning situations that will address various learning styles of students and complement the resources available in the school and community.

Numbers Relations and Functions 10

Recommendation: Successful completion of Geometry Measurement and Finance 10

Number, Relations, and Functions 10 provides foundations for more complex mathematical reasoning and/or calculus and includes number properties, algebra, and functions. Learners will analyze numbers and model factoring; graph and describe relationships between variables; analyze functions; apply understanding of systems of linear equations to solve problems. Learners will enact and apply prior Mathematics K-9 knowledge. This course develops pathways to further studies in mathematics and/or preparatory skills for calculus. Topics include prime factors; common factors; square and cube roots; irrational numbers; integral and rational exponents; polynomial expressions; trinomial factoring; linear relations and functions; slope; distance formula; and midpoint formula.

Nutrition for Healthy Living 120

This course 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 lifestyle 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. There will also be a practical physical component to the course, including fitness and other activities.

O

Outdoor Education 110

The course will develop personal outdoor recreation skills based on environmental ethics. Students must complete a series of out-trips that may take more than one period, including a couple of overnight camping trips. The course will take advantage of our local resources and will include camping, hiking, canoeing and other outdoor adventure activities. Students must be prepared to go outside in a variety of weather conditions. Students will be responsible to plan, lead, and evaluate out-trip experiences. Students must have a teacher complete a student evaluation screening form prior to admission in the course. These forms will be in the office at course selection time. **A $125 fee will be charged for this course upon acceptance.** This pays for our trip to NS to go Tidal Bore Rafting as well as other consumables throughout the year.

Entrance to the course will be by means of an application. Forms are in the office.

P

Physical Education 10

Physical Education 10 provides learners with introductory skills and concepts in the areas of sport and recreation leadership, outdoor education, kinesiology, and fitness. Skills developed through sport and recreation leadership benefit learners by improving communication, problem-solving, and decision-making. By engaging with the basics of leadership through sport and recreation, learners will understand the interrelationships among physical education, society, and the environment, and can become better equipped for future leadership roles.

Physical Education Leadership 120

This course is an elective one for students with special interest in physical activities and healthful living, combined with a desire to develop leadership skills which will enable them to help in the community. Students are required to apply for admission to the course, and applications are screened by the Physical Education staff and the Guidance staff of the school. This course consists of units in management of athletic events, teaching, coaching, officiating, sports in contemporary society and selected health topics. As a member of the PE 120 Leadership Class, each student will be expected to achieve 20 leadership hours that make our school or our community a better place. Each student must pass this part of the course (at least 12 volunteer hours) or the course will be incomplete. These hours place the students in a responsible role throughout the community, helping them better understand the need for leaders and their individual potential as leaders.

Physics 111

Recommendation: Successful completion of Science 10: Science for Sustainable Societies

This enriched course includes the same topics as Physics 112, but topics will be explored at a great depth and a greater pace. This course requires students to increase their depth of understanding and increase their investigative skills rather than just increasing their factual knowledge. This course is intended for students with a special interest in Physics and a commitment to independent work.

Physics 112

Recommendation: Successful completion of Science 10: Science for Sustainable Societies

Physics is the study of matter and energy and their relationship. Physics 112 is an introductory course that looks at motion, forces, energy, work, power, and wave motion. It is expected the students should have a good working understanding of math topics and skills introduced in grade 10 math.

Physics 121

Recommendation: Successful completion of Physics 11

This enriched course includes the same topics as Physics 122, but topics will be explored at a great depth and a greater pace. This course requires students to increase their depth of understanding and increase their investigative skills rather than just increasing their factual knowledge.

Physics 122

Recommendation: Successful completion of Physics 11

This course builds upon the content covered in Physics 112. Topics covered are electrostatics, current electricity, and application of forces in two dimensions, energy and momentum, projectile motion, and centripetal motion. A strong understanding of Foundations of Math 110, especially trigonometry, algebra and quadratics is required.

Political Science 120

The main emphasis of this program will be the Canadian political system. Also included will be a study of the American government in comparison to the Canadian. The second part of the course will deal with the "isms" of the 19th and 20th centuries. Emphasis will be placed on Communism and Nazism and their developments in Russia and Germany respectively. When elections are called, special attention will be given to the study of political issues, parties, and candidates.

Post-Intensive French 10 (10 PIF)

Students will continue to be challenged, with a focus on the following French second language skills: oral (spoken production, spoken interaction, listening), reading (comprehension, fluency, accuracy, responding to reading), and writing (modeled, independent, genres, conventions, accuracy, and fluency). An exit project, containing oral, reading, and writing components is mandatory for each student completing PIF 10.

Post-Intensive French 11 (11 PIF)

Recommendation: Successful completion of Post-Intensive French 10

Students will continue to be challenged, with a focus on the following French second language skills: oral (spoken production, spoken interaction, listening), reading (comprehension, fluency, accuracy, responding to reading), and writing (modeled, independent, genres, conventions, accuracy, and fluency). An exit project, containing oral, reading, and writing components is mandatory for each student completing PIF 11.

Post-Intensive French 12 (12 PIF)

Recommendation: Successful completion of Post-Intensive French 11

Students will continue to be challenged, with a focus on the following French second language skills: oral (spoken production, spoken interaction, listening), reading (comprehension, fluency, accuracy, responding to reading), and writing (modeled, independent, genres, conventions, accuracy, and fluency). A provincial assessment of French language proficiency is completed during this course.

Power Train and Chassis 110

The course is designed to develop proficiency in the service and maintenance of the automobile chassis and power train. Emphasis is placed on function, repair, and replacement of components which include spring and shock assemblies, brakes, steering, wheel bearings, tires, transmissions, differentials, and drive lines. The student will have the opportunity to work on automobiles with tools and equipment presently used in the trade.

Pre-Calculus 110

Recommendation: Successful completion or concurrent completion of Foundations of Mathematics 11

This course 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 ($0°\text{to}360°$) 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. They also solve problems that involve linear and quadratic inequalities in two variables, and quadratic inequalities in one variable.

Pre-Calculus A 120

Recommendation: Successful completion of Pre-Calculus 110

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, graphing, and analyzing radical functions, logarithms, and the product, quotient and power laws of logarithms and use these laws and the relationship between logarithmic and exponential functions to solve problems. Students are introduced to angles in standard position, expressed in degrees and radians, and to the unit circle. The six trigonometric ratios, and the sine, cosine and tangent functions are used to solve problems. First and second-degree trigonometric equations are solved algebraically and graphically with the domain expressed in degrees and radians. Trigonometric identities are proven using reciprocal, quotient, Pythagorean, sum or difference, and double-angle identities.

Pre-Calculus B 120

This course is a co-requisite of Pre-Calculus A 120 and precedes Calculus 120. Students analyze arithmetic and geometric sequences and series to solve problems. They learn to factor polynomials of degree greater than 2, and to graph and analyze polynomial functions. They also graph and analyze radical, reciprocal and rational functions, building a function toolkit. Students are introduced to the concept of limits and determine the limit of a function at a point both graphically and analytically. They explore and analyze left- and right-hand limits as x approaches a certain value using correct notation, analyze the continuity of a function and explore limits which involve infinity.

Psychology 110

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. Regular attendance and participation in class discussions is very important in this course.

Psychology 120

Recommendation: Successful completion of Psychology 110

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. Regular attendance and participation in class discussions is very important in this course.

R

Reading Tutor 120

Reading Tutor 120 pairs students with younger struggling readers. The tutor will be responsible for selecting the reading materials and planning and implementing daily activities with their readers. Tutors will acquire valuable reading, writing and tutoring skills while also developing useful interpersonal, organizational, planning, and problem-solving skills.

Residential Finish and Insulation 120

A course designed to acquaint the student with the knowledge and skills necessary to complete the interior and exterior of a building. Insulation, wall and ceiling cladding and the installation of interior doors and trim are covered through "hands on" experience. Exterior wall cladding, window, and door frames as well as cornice trim and roof coverings are included. **There will be a lab fee of $15.**

Robotics and Automated Processing 120

This course is designed to acquaint the student with the knowledge and skills necessary to pursue further studies in the Robotics field. Robot technology will be explored including hands on construction and programming of robot devices. Students will work to create robot-operated systems that reflect those used in industry. Participation in an annual robotics competition and robotics club may be part of the course outcomes. Also, as part of the course students will be working with pneumatic devices such as door openers. Students will create actual schematic diagrams as well as build and construct the components on blue pneumatic boards.

S

Science 10: Science for Sustainable Societies

Learners enrolled in this course will consider the roles science and technology play in their lives and communities. The connections that exist between matter and energy are explored through systems thinking. Using systems thinking to consider the complex interplay of chemical processes with scientific, societal, and environmental systems provide learners with critical knowledge required for other high school science courses.

Sociology 120

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

Spanish 110

This is a beginner level Spanish language course with an emphasis on the development of conversational skills and the appreciation of Hispanic culture. Daily activities will include speaking, listening, and interacting. Learners will demonstrate understanding and respond orally. They will create texts and other forms of representation that respect intercultural norms.

Spanish 120

Recommendation: Successful completion of Spanish 110

This is a beginner level Spanish language course that builds on the skill developed in Spanish 110. This course will continue to place an emphasis on the development of conversational skills and the appreciation of Hispanic culture. Daily activities will include speaking, listening, and interacting. Learners will demonstrate understanding and respond orally. They will create texts and other forms of representation that respect intercultural norms.

Sport and Recreational Leadership 120

The vision for this course is to have learners successfully plan, organize, and administer their own event, tournament, and program. Educators will facilitate opportunities for learners to develop sport and recreation leadership skills within their school, community and beyond. The learner's leadership potential is developed when initiatives serve to reinforce skill development around leadership roles. This course seeks to use sport and recreational activities as a tool for creating concrete leadership experiences and develop leadership potential. Learners will explore various roles in team dynamics including being a leader, mentor, and collaborating positively with others in inclusive experiences. The emphasis of this course focuses on planning, performance, evaluation, and reflection.

Planning and operation of events, tournaments, and programs will require learners to dedicate time outside of school hours (e.g., before school, after school, evenings, and/or weekends).

T

Technique de Communication 110

This is a practical course that is designed to increase learner confidence when speaking and interacting through the authentic use of the French language. While it contains elements of reading and viewing (15%), as well as writing (15%), the primary purpose of the course is to promote the development of oral competencies (70%). These skills include oral comprehension (listening), oral production (self- expression), and oral interaction (taking part in conversation). It is aligned with the Common European Framework of Reference (CEFR) and will be available to all high schools either in person or through the online platform (D2L Brightspace).

Technique de Communication 120

Recommendation: Successful completion of Technique de Communication 110

This is a practical course that is designed to further increase a learner's confidence when speaking and interacting through the authentic use of the French language, building on the skills from Technique de Communication 110. While it contains elements of reading and viewing, as well as writing, the primary purpose of the course is to promote the development of oral competencies. These skills include oral comprehension (listening), oral production (self-expression), and oral interaction (taking part in conversation). It is aligned with the Common European Framework of Reference (CEFR) and will be available to all high schools either in person or through the online platform (D2L Brightspace).

Tune-up and Emissions 120

This course is designed to provide students with a practical approach to diagnosing, servicing, and repairing automotive fuel and emission systems, and performing engine tune-up.

V

Visual Arts 10

In Visual Art 10, exploration and experimentation are key to learning. Learners are encouraged to experiment with a wide variety of materials and techniques to build capacity for personal expression. Learners are learning to respond to art with guidance. Through Visual Art, learners will be exposed to a diverse representation of identities, communities, and human experiences. Developing skill in Visual Art enable learners to explore their environment, look for meaning, and express insights through multiple modes of communication.

Visual Arts 110

The Art 110 course begins with a basic drawing unit followed by projects exploring different media such as painting, sculpture, and print making. Artists who have made a significant contribution to the history of art will be presented. Evaluation will be based on all assigned art projects, a sketchbook, a final auto-biographical self-portrait project, and a written exam. **Students will be expected to supply basic art materials**.

Visual Arts 120

Recommendation: Successful completion of Visual Arts 110

Visual Arts 120 is intended for more serious art students who have successfully completed Visual Arts 110. Drawing, painting, sculpture, pottery, and printmaking will be studied as well as art history and art appreciation. A percentage of the final evaluation will be based on an independent studio unit as well as a written exam. **Students will be expected to supply basic art materials and a sketchbook.**

W

Wellness through Physical Education 110

The goal of this course is to promote healthy active living for life. Students will experience a variety of wellness activities, design a wellness opportunity for a community group 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.

World Issues 120

The general aim of the World Issues 120 program is to provide an understanding of the issues and events that have occurred (post World War II) and continue to shape the modern world. The course covers current political, economic, social, and environmental concerns which are global in nature and require global solutions.

Writing 110

The Writing 110 curriculum provides experiences in which students become acquainted with the essential elements of the writing process. They will further develop an understanding of the conventions of written language and the appropriateness of their use. Students will use personal, expository, and creative writing and will also develop an awareness of the variety of personal approaches used in the writing process. Opportunity is given to write for reasons stemming from the student's own interests and needs. In addition, students will write subjectively and objectively, using different points of view.

Locally Developed Courses

These are courses that have been specifically created by the teachers of SRHS to meet the desires of the student body of SRHS. All local option courses have been approved by the New Brunswick Department of Education and Early Childhood Development. Local Developed Courses that currently exist at SRHS include Automotive Exploration 120, Dance 110, Forensics 120, and Yoga 110.

Online Courses

NBVLC Distance Learning Program

The distance learning program offers high school courses at the grades 10, 11 and 12 level. Students take courses through the D2L Brightspace platform as part of their regular schedule, from the school, under the supervision of a local facilitator. Students work with the online teacher to explore content, complete assignments, and learn in an online environment.

Who takes online courses?

Online courses are taken by students for all kinds of reasons, including:

- Personal interest and choice
- Additional selection of courses – offered throughout the day
- Courses aren't offered locally when you need them
- Need for more time or extra support to complete a program
- Students wanting to experience online learning before university and post-secondary

What does it take to succeed in an online course?

Students taking online courses should have an interested in the course they're taking and have a desire to succeed. Students work at their own pace, but it's important to be persistent, with a willingness to work through problems. Time management is a big part of online learning, and there are checklists and supports built-in to help. Students should be willing to reach out to the online teacher and local facilitator when there are questions and possess, or be willing to develop, some basic technology skills. Considering online learning is in all post-secondary instructions and many workplaces, this is a great opportunity to develop these skills and mindsets.

Personal Interest Courses

Personal Interest Course Description Personal Interest 1 and 2 courses promote learner agency and support personalized learning. They are designated to provide students with the time, opportunity, and resources to develop and pursue individual interests. The programming for these courses will be designed by the student with the support of their teachers and/or other mentors in the school or community (local/global). Examples include: a Capstone Project (local or community action), an in-depth study in a specific problem, the study of and support to the Calls to Action in the Truth and Reconciliation Recommendations, development of a relevant skill set or methodology such as project management, time to pursue a life skill such as financial literacy or an additional language, or to perfect a particular gift or talent that increase personal well-being. Assessment for the completion of this course will be outlined as part of the course design and will be based on the "I" statements for the global competencies. 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. 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. (Prescribed Codes: DEMLB1100, DEMLB1200 available February 2020).

Permission for a student to pursue a personal interest credit is granted at the discretion of the school within the Department of Education guidelines.

Challenge for Credit

Challenge for Credit is an opportunity to recognize prior learning and to acknowledge this through the granting of a credit.

This option is available to:
Any Student in grade 11 or 12 enrolled in a New Brunswick high school who, outside school have met all the learning, process, interpersonal, participation objectives or outcomes/requirements of a course.

This option is available in:
Any prescribed course in the New Brunswick public school system in grades 11 and 12.

Provincially Recognized Challenge for Credit Examples:

1) Students who have completed **Level 4 Cadet training** (in Air, Army, or Sea) can obtain an Outdoor Education 110 credit. Students will be required to complete the application form (in Guidance Department), as well as show signed confirmation of the completion of this program.
2) Completion of the **Scout Exploration Activity Award** can earn a student credit in Outdoor Education 110. A confirmation letter of achievement as well as the completion of the application form found on the NB Scouts website http://nb.scouts.ca/files/Scout_Fast_Track_Form.pdf will be required.
3) Completion of **The Duke of Edinburgh Young Canadians Challenge** at either the Gold or Silver level can earn a student a credit in Outdoor Education 110. Students interested in challenging for this credit will be required to complete the application form found in the Guidance Department well as provide written confirmation of completion of this program.

General Challenge Application Process:
Student must apply in writing to **Mrs. Lauridsen within two weeks of the beginning of a course.** The application will include clear evidence of appropriate prior outside learning congruent with the outcomes of an identified New Brunswick course and **should be supported by** at **least one pedagogical professional**. The school principal in conjunction with the guidance department and one teacher and in consultation with a student and his/her parents(s) will discuss the validity of the application.