JAMES M. HILL MEMORIAL HIGH SCHOOL
COURSE SELECTION GUIDE
2026-27

Introduction and General Comments

The purpose of this guide is to provide pertinent information for students as they select grade 10, 11 and 12 courses. The Graduation Requirements Template should be used as a reference.

Choosing Courses:
Each spring, students select courses for the following academic year. There is a wide variety of courses from which to choose in grades 10, 11 and 12, and several factors should be considered when making these choices. It is important that students take time to carefully consider their options since it can be difficult to make changes once scheduling for the year is complete. Additional information may be obtained through the JMH Guidance Department.

Course Load:
Students are required to take a full course load (5 courses) each semester. Each course will be assigned four (4) credit hours. A student needing an additional semester past the grade 12 year may take the minimum number of courses to complete graduation requirements, subject to Administration approval.

Course Descriptions:
All courses have a name and course code.
Open or "0" courses are offered at one level only. e.g. Visual Arts 110, Outdoor Education 110
Level 1 courses are enriched university preparatory. e.g. English 111
Level 2 courses are academic/university/college preparatory. e.g. Music 112, Biology 122
Level 3 courses are general/college preparatory. e.g. Modern History 113, English 123

Compulsory Courses:
Compulsory courses are courses that must be completed and are required for graduation. Please note that requirements for post-secondary institutions vary by program, and students are advised to check the requirements through the Guidance Department.

Recommended Courses:
There are no more pre-requisite courses, however, there are many courses that we strongly recommend are taken prior to another course. These can be found in brackets in our course catalog.

Course Fees:
Please note that some courses may require additional supplies and/or payment of lab, supply, or other fees.

Timetables:
Timetables are computer-generated and therefore courses fall by chance into either semester. Some listed courses may be dropped due to insufficient enrollment. For senior students, certain courses required for university and college may not be completed in the first semester. However, applications to post-secondary institutions are usually assessed on past, present, and predicted performance at the time of application.

Transcripts:
All grade 10, 11 and 12 courses and final marks are permanently recorded on a student's transcript. The school transcript provides an ongoing record of high school courses taken and marks obtained. It is the official document required by post-secondary institutions to verify a student's academic record. Transcripts may be obtained through the JMH Guidance Department.

Transfer Students:
Students transferring to JMH from other school systems will have their transcript assessed and graduation requirements adjusted accordingly. Every effort will be made to give credit for acceptable work completed.

Contact Info:

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FRENCH IMMERSION

Students who wish to graduate with a French Immersion Certificate are required to take all French Immersion courses offered in grades 10, 11 and 12. French Immersion courses are indicated as FI.

The minimum French Immersion course requirements are as follows:
Grade 9: 5 FI courses
Grade 10: 5 FI courses
Grade 11: 3 FI courses
Grade 12: 2 FI courses

CERTIFICATE OF PROFICIENCY

The Certificate of Oral Proficiency is issued to grade 12 students either in the **Immersion or PIF program** and indicates a student's level of proficiency. This certificate is awarded by the Department of Education after an assessment by professional evaluators. The certificate is presented upon completion at the end of the semester. There is no cost for this assessment.

ENROLLMENT GUIDELINES

All courses are subject to limited enrollment and may be cancelled if numbers do not warrant a place in the timetable. Staffing allocations ultimately determine availability of sections/courses. Administration reserves the right to review section/course numbers each semester.

Compulsory Credits

	Core Clusters	Required	Compulsory
	Language Arts and Languages	24 credit hours	PIF/FILA 10, ELA 10 Foundational, ELA 11 Foundational, 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 and 4 credit-hours from designated History Course list
	Mathematics	12 credit hours	Geometry, Measurement and Finance 10 and 8 credit-hours from Math Course List
	Science	8 credit hours	Options from Science
Personalized Well-Being	Creative Arts	4 credit hours	Options from Creative Arts
Personalized Well-Being	Wellness and Physical Education	4 credit hours	Options from Wellness and Physical Education
Personalized Well-Being	Career Connected	4 credit hours	Options from Career and Occupational, Digital and Information Technology, and Skilled Trades
Personalized Well-Being	Options from the three Personalized Well-being clusters	8 credit hours	Creative Arts, Wellness and Physical Education, and Career Connected
	Core cluster options	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**

Courses and Cluster Options

Cluster descriptions can be found in Appendix A at the end of this document.

Language Arts and Languages

Required: 24 credit hours and successful completion of the English Language Proficiency Assessment

Compulsory:

- **PIF/FILA 10** (4CrH) or one of the EAL courses**
- **Grade 10**: ELA 10 Foundational (4CrH) **or** one of the EAL courses**
- **Grade 11**: ELA Foundational 111/2/3 (4CrH) **or** one of the EAL courses**
- **Grade 12**: ELA 121/2/3 (4CrH)
- **8 credit hours** from the following options: ELA Extended 10/11, one of the six EAL courses**, FILA 110/120, Post-Intensive French 110/120, Intro/Intermediate Mi'kmaw 110, Intro/Intermediate Wolastoqey 110, Writing 110 (FI), Canadian Literature 120, Journalism 120 (FI), Media Studies 120* (FI), Mandarin A1.1 120/A1.2 120, Reading Tutor 120 (FI), Spanish 110/120, French as an Additional Language A1.1/A1.2, Techniques de Communication 110/120, American Sign Language 1 Foundational 110, Children's Literature 120 (FI), Graphic Novel 120 (FI), Locally developed course: Writing 120, and approved AP/IB Language Arts and Languages Courses.

**Courses with an asterisk may be used to fulfill the requirements for no more than one cluster.*

***EAL Essentials A1.1 110, EAL Essentials A1.2 110, EAL Connections A2.1 120, EAL Connections A2.2 120, EAL Expressions B1.1 120, EAL Expressions B1.2 120*

Humanities

Required: 8 credit hours from the Humanities

Compulsory: Civics (FI) (4CrH)

4 credit hours from one of the following designated History courses: Ancient and Medieval History 111/2/3 (FI), Canadian History 121/2/3 (FI), Wabanaki Studies 120 (FI), Modern History 111/2/3 (FI), World Issues 120 (FI)

Notes: For new Canadians who arrived in New Brunswick at age 14+, and who are demonstrating English language proficiency of A1-B1 (CEFR), Social Studies 9 may be counted as 4 credit hours.

Optional Humanities Courses for Core Cluster Requirement choice in addition to those from the designated History course list: Canadian Geography 120 (FI), Economics 120 (FI), Law 120 (FI), Political Science 120 (FI), Sociology 120 (FI), and approved AP/IB Humanities Courses.

Mathematics

Required: 12 credit hours from Mathematics

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

8 credit hours from the following options: Number, Relations and Functions 10 (FI), Financial and Workplace Mathematics 110 (FI) 120, Financial and Workplace Mathematics 120 (FI), Foundations of Mathematics 110 (FI), Foundations of Mathematics 120, Pre-Calculus 110 (FI), NBCC Skilled Trades and Work-Ready Math 120, Pre-Calculus 120A/B (FI), Calculus 120 (FI), and approved AP/IB Mathematics Courses.

Sciences

Required: 8 credit hours from Science Compulsory:

No compulsory courses

8 credit hours from the following options: Science for Sustainable Societies 10 (FI), Environmental Geoscience 110, Biology 111/2 (FI), Biology 121/2 (FI), Chemistry 111/2 (FI), Chemistry 121/2, Physics 111/2 (FI), Physics 121/2, Human Physiology 110 (FI), Introduction to Electronics 110, Aquatic Sciences 120, Environmental Science 120 (FI), Auto Electrical Systems 120* (FI), Forestry 110 (FI), Agriculture 110 (FI), Approved AP/IB Science Courses

**Courses with an asterisk may be used to fulfill the requirements for no more than one cluster.*

Personalized Well-Being

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

Creative Arts

Compulsory Creative Arts 4 credit-hour minimum:

Preferred Options for Scheduling: Creative Arts 110/120, Dramatic Arts 110/120 (FI), Graphic Art and Design 110/120, Music 10 (FI), Music 112 (FI), Music 122 (FI), World Music 120 (FI) ,Visual Arts 10 (FI), Visual Arts 110 (FI), Visual Arts120, Fashion Technology and Design 110/120*, Media Studies 120* (FI), Digital Production 120* (FI), Film 110/120 (FI), Popular Music 110/120 (FI), Approved AP/IB Creative Arts courses

**Courses with an asterisk may be used to fulfill the requirements for no more than one cluster.*

To support learning in this cluster schools offering the following approved Locally Developed Courses may accept these for the fulfillment of credit hours in the Creative Arts: Digital Animation 120, Mental Wellness through Music 120, Recording and Sound Design 120, Indigenous/Wabanaki Art 110, Contemporary Directors in Film 120, Art History 120, Art in Atlantic Canada 120, Photography 120, 3-D Studies 120. *Note: EECD will expand the variety of prescribed creative arts curriculum over the next few years.*

Wellness and Physical Education

Compulsory Wellness and Physical Education 4 credit-hour minimum:

Nutrition 120 (FI), Outdoor Education 110 (FI), Physical Education 10 (FI), Psychology 110/120 (FI), Wellness through Physical Education 110 (FI), Sport and Recreation Leadership 120 (FI), Early Childhood Development 120 (FI), Individual and Family Wellness 120 (FI) ,Dance 110 (FI), Yoga 110 (FI), Advanced Training Principles 120 (FI), Introduction to Kinesiology 120, Physical Education through Sport 110, Outdoor Education 120, Approved AP/IB Courses

The following list of Locally Developed Courses can be used to meet the Wellness and Physical Education requirement: Exercise Science 120

Career Connected

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

Career and Occupational: Career Pathway Design (FI), Career Pathway Mentorship (formerly Coop) 120 (FI), Skills for Success 120 (FI), Pre-apprenticeship 1, 2, and 3 (New Brunswick Teen Apprenticeship (NBTAP) Summer Learning Only), Business Management 120 (FI), Early Childhood Services 110/120, Health Care 110 (FI), Entrepreneurship 110 (FI), Fashion Technology and Design 110/120*, Housing and Design 120, Hospitality and Tourism 110 (FI), Human Services 110 (FI),Financial Accounting 120 (FI), Marketing 120 (FI), Develop and Lead 110/120 (FI), Indigenous Engagement and Leadership 120, Career Connected Experiences 110.

Information and Communication Technology: Computer Aided Design 110 (FI), Computer Science 110/120 (FI), Cybersecurity and Technical Support 110, Cybersecurity 120 (FI), Digital Production 120* (FI), Information Technology 120, Robotics and Automated Processing 120, Computer Assisted Manufacturing 110 (FI), Advanced Technology 120.

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

**Note: Courses with an asterisk may be used to fulfill the requirements for no more than one cluster.*

James M. Hill Memorial High School Course Options

Student's Name : _____ **Guidance Counsellor:** _____

- Students should take note of course pre-requisites listed in each cluster. Courses that require a Pre-Requisite, are indicated by (PR).
- It is the responsibility of the student to research post-secondary entrance requirements for specific post-secondary programs. See Guidance if you have further questions.
- Courses offered online ONLY are marked with an asterisk *.
- If a course appears in more than one cluster, it can only fulfill requirements for one cluster.

Languages & Literacies

Graduation Requirements:
24 Language and Literacies credit-hours

Successful completion of the English Language Proficiency Assessment (ELPA).

Required Course(s):

For ALL students:
English Lang. Arts Foundations 10
English Lang. Arts Foundations 11
OR one of EAL courses (10/11)
English Lang. Arts 12

PIF 10 is required for non-immersion students.

FILA 10 is required for immersion students.

Note:
English Lang. Arts **Extended 10** and English Lang. Arts **Extended 11** is **highly recommended for university prep students**.

French Immersion Note:
Students that acquire 40 credit-hours in French Immersion courses will receive a French Concentration on their transcript. Students wishing to take fewer FI courses may do so and will still be eligible to take the OPI as long as they have taken FILA 11 and FILA 12. The OPI assesses their French language proficiency.

Required Courses	CH
English Lang. Arts Foundational 10	4
English Lang. Arts Foundational 11 Circle one of: 113 / 112 / 111	4
English Lang. Arts 12 Circle 123 / 122 / 121	4
PIF 10 (Non-immersion students)	4
FILA 10 (Immersion)	4

Elective Courses	CH
English Lang. Arts Extended 10	4
English Lang. Arts Extended 11 Circle one of: 113 / 112 / 111	4
EAL	4
Writing 110	4
Journalism 120	4
Media Studies 120	4
Children's Literature 120	4
Graphic Novels 120	4
FILA 11 (Immersion)	4
FILA 12 (Immersion)	4
Reading Tutor 120	4
Canadian Literature 120	4
PIF 110 / 120 (Non-Immersion)	4

Humanities

Graduation Requirements:
8 Humanities credit-hours
Required Course(s):
Civics or Civics FI plus 4 credit-hours from one of the designated history courses.

Required Courses	CH
Civics	4
Civics FI (Immersion)	4

Elective Courses	CH
Modern History 11 Circle one of: 113 / 112	4
Modern History 112 FI(Immersion)	4
Ancient and Medieval History 11	4
Canadian History 122	4
Wabanaki Studies 120	4
World Issues 120	4
Canadian Geography 120	4
Economics 120	4
Law 120	4
Political Science 120	4
Sociology 120	4

Online Language/Lit Options	CH
Spanish 110 *	4
Writing 110 FI (Immersion) *	
Intro Wolastoqey 110 *	4
Intermediate Wolastoqey *	4
Intro Mi'kmaq 110 *	4
Intermediate Mi'kmaq 110 *	4
PIF 110 (Non-immersion students)*	4
PIF 120 (Non-immersion students)*	4

Mathematics

Graduation Requirements:
12 Mathematics credit-hours

Required Course(s):
Geometry, Measurement & Finance 10 plus 8 credit-hours from elective courses.

Note:
Geometry, Measurement & Finance 10 is a pre-requisite for Financial & Workplace Math 110. Students who take Financial & Workplace Math 110 will then take Financial & Workplace Math 120.

Numbers, Relations & Functions 10 is a prerequisite for Foundation of Mathematics 110.

Foundations of Mathematics 110 is a pre-requisite for Foundations of Mathematics 120 and for all Calculus pathway courses.

Required Courses	CH
Geometry, Measure & Finance 10	4

Elective Courses	CH
Numbers, Relations & Functions 10	4
Financial & Workplace Math 110	4
Financial & Workplace Math 120	4
Foundations of Mathematics 110 (PR)	4
Pre-Calculus 110 (PR)	4
Pre-Calculus A 120 (PR)	4
Pre-Calculus B 120 (PR)	4
Calculus 120 (PR)	4
Foundations of Mathematics 120 (PR)	4
NBCC Skilled Trades /Work Ready	4

Science

Graduation Requirements:
8 Science credit-hours

Required Course(s):
Any 8 credit-hours from the list below.

Note:
Science for Sustainable Societies 10 is highly recommended to take before Chemistry 112, Physics 112 or Biology 122.

Chemistry 112 is a prerequisite for Chemistry 122 and Physics 112 is a prerequisite for Physics 122.

Science Courses	CH
Science for Sustainable Societies 10	4
Environmental Geoscience 110	4
Human Physiology 110	4
Forestry 110	4
Agriculture 110	4
Environmental Science 120	4
Biology 112	4
Biology 122	4
Chemistry 112	4
Chemistry 122 (PR)	4
Physics 112	4
Physics 122 (PR)	4
Aquatic Sciences 120	4
Automotive Elec. Systems 120	4

Personalized Well-Being (3 Clusters)

Graduation Requirements:
4 Creative Arts credit-hours
4 Wellness and Physical Education credit-hours
4 Career-Connected credit-hours
8 Additional credit-hours from any of the three Personalized Well-Being Clusters

Personal Interest Courses can be used for any of the three Personalized Well-Being Clusters.

Creative Arts	CH
Music 10	4
Music 112 / 122	4
World Music 120	4
Popular Music 110 / 120	4
Visual Arts 10	4
Visual Arts 110	4
Visual Arts 120 (PR)	4
Creative Arts 110	4
Graphic Art and Design 110	4
Film 110 / 120	4
Dramatic Arts 110	4
Dramatic Arts 120	4
Media Studies 120	4
Digital Productions 120	4
Fashion Technology 110	4
Fashion Technology 120 (PR)	4

Wellness & Physical Education	CH
Physical Education 10	4
Physical Education 10 FI	4
Wellness thru Phys Ed 110	4
Outdoor Education 110	4
Outdoor Education 120 (PR)	4
Health Care 110	4
Human Services 110	4
Yoga 110	4
Psychology 110	4
Psychology 120	4
Individual Family Wellness 120	4
Nutrition for Healthy Living 120	4
Sport & Recreation Leadership 120	4
Early Childhood Development 120	4
Adv. Training Principles 120	4
Intro to Kinesiology 120	4
Phys Literacy Through Sport 110	4
Dance 110	4

Career-Connected	CH
Skills for Success 120 (GGG)	4
Career Path Mentorship 120 (Formerly CO-OP 120)	4-12
Career Pathway Design	4
Computer Science 110 /120	
Digital Productions 120	4
Information Technology 120	4
Business Org & Managment 120	4
Early Child Services 110/120	4
Entrepreneurship 110	4
Hospitality and Tourism 110	4
Intro to Accounting 120	4
Financial Accounting 120	4
Marketing 120	4
Intro to Skilled Trades 110	4
Metals Fab / Welding 110 / 120	4
Metals Processing 110	4
Metals Processing 120 (Adv.)	4
Culinary Technology 110	4
Culinary Technology 120 (PR)	4
Framing and Sheathing 110	4
Mill and Cabinet Work 120	4
Residential Finish 120	4
Internal Comb. Engines 110	
Automotive Elec. Systems120(PR)	4
Tune Up and Emissions 120 (PR)	4
Power Train & Chassis 110	4
Electrical Wiring 110	4
Electrical Wiring 120	4
Fashion Technology 110 / 120	4
Housing & Design 110	4
Develop & Lead 110	4
Computer Aided Design 110	4
Pre-Apprenticeship 1,2,3 (NBTAP)	4
Career Connected Experience 110	4

Personal Interest Courses:

Personal Interest Courses (1 and 2) offer two elective opportunities for students to pursue individual interests or passions, with a teacher providing supervision and/or oversight. These classes may be offered as scheduled high school courses with a cohort of students, or students may apply to complete the course individually. Personal interest courses can are only permitted upon approval.

Electives upon approval	CH
Personal Interest 1	4
Personal Interest 2	4

Important Notes:

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.

Other Courses:	
Tech/Theatre Behind Scenes 120	4
Mindfulness 120	

James M. Hill Memorial High School
Graduation Requirements Tracking Sheet

Name: _____ Guidance Counsellor: _____

		Clusters	Required Credit Hours	Compulsory Outcomes	Required Courses	Final Mark	Credit Hours
CORE CLUSTERS		**Languages & Literacies**	24	Required Courses AND **8** credit hours of options from the **Languages & Literacies** cluster.	English Language Arts Foundational 10 (required)		
					English Language Arts Foundational 11 (required)		
					English Language Arts 12 (required)		
					PIF 10 or FILA 10 (required)		
		Humanities	8	Required Courses AND **4** credit hours of options from the **Humanities** cluster.	Civics (required)		
		Mathematics	12	Required Courses AND **8** credit hours of options from the **Mathematics** cluster.	Geometry, Measurement & Finance10 (required)		
		Science	8	**8** credit hours of options from the **Science** cluster.			
	Personalized Well-Being	**Creative Arts**	4	**4** credit hours of options from the **Creative Arts** cluster.			
		Wellness & Physical Education	4	**4** credit hours of options from the **Wellness & Physical Education** cluster.			
		Career-Connected	4	**4** credit hours of options from the **Career Connected** cluster.			
			8	**8** additional credit hours from any of the personalized well-being clusters; **Creative Arts** **Wellness & Physical Education** **Career Connected**.			
CORE CLUSTER Options			8	**8** additional credit hours from any of the core clusters: **Languages and Literacies, Humanities, Mathematics, Science, Creative Arts, Wellness & Physical Education** or **Career-Connected**			
FLEXIBLE CREDIT HOUR Options			20	**20** credit hours from any of the following: **Core clusters** **Local Options** **Challenge for Credit** **Dual Credit** **Independent Study** **Elective courses**			
TOTAL Credit Hours			**100**				
Career Planning			Completed?			Yes No	
ELPA			English Language Proficiency Assessment pass?			Yes No	

COURSE CATALOG

****Not all courses have a course description. Please see the appropriate course selection form at the end of this booklet for a complete list of courses.****

FRENCH IMMERSION Mandatory Courses:

Grade 10:

FI LANGUAGE ARTS 10

This course is designed to maintain and further develop French linguistic skills by taking into consideration the four aspects of the language (reading, writing, listening, speaking). Oral participation is essential.

FI CIVICS 10

Civics teaches students to be informed and responsible citizens, focusing on democracy, human rights, and the use of power. The course develops skills in digital citizenship, media literacy, and data literacy while providing hands-on opportunities for ethical community engagement. By the end, students can articulate their rights and responsibilities, understand diverse political perspectives, and explore their civic agency.

FI SCIENCE FOR SUSTAINABLE SOCIEITIES 10

The social and environmental contexts of advancement of science and technology are the central focus of the course. A contemporary approach for teaching physical sciences is applied so that students may become familiar with evolving theories and principles shaping how science is applied to design creative solutions. The connections that exist between matter and energy are explored through a systems thinking frame. Systems thinking will help students determine ways to connect chemical reactions to planetary cycles, and to weave core chemistry concepts into sustainability discourse.1 Using systems thinking to consider the complex interplay of chemical processes with scientific, societal and environmental systems provide students with critical knowledge required for upper-level high school science courses; specifically, chemistry, environmental science and physics.

Grade 11:

FI LANGUAGE ARTS 110

This course is designed to maintain and further develop French linguistic skills by taking into consideration the four aspects of the language (reading, writing, listening, speaking). Oral participation is essential.

Grade 12:

FI LANGUAGE ARTS 120

This course is designed to maintain and further develop French linguistic skills by taking into consideration the four aspects of language (reading, writing, listening, and speaking). Oral participation is essential.

Electives:

FI ANCIENT AND MEDIEVAL HISTORY 110

This course addresses big ideas in civics and Indigenous perspectives and ways of knowing through the study of the distant past. It fosters thoughtful and engaged citizenship through the examination of enduring human issues and questions. The course engages students by presenting them with exciting content and issues that help to explain the world around them today.

FI CANADIAN HISTORY 122
Beginning prior to Confederation, this course aims cover the first 150 years of our nation's collective history, as we evolved from colonial partner to independent global leader. The course will discuss the foundations of the Canadian constitution, governance, economics, and social and cultural identities. Particular attention will be placed on our historical relationship with Indigenous people, and how Canada is moving forward with the process of truth and reconciliation. Students will complete a short-term paper that encompasses higher level historical research and writing, inclusive of primary sources, research, annotated bibliography, and Chicago style format. Critically, we will explore past Canadian historical foundations, while reconciling current Canadian reality, to promote progressive and positive advances in Canadian society.

FI ENTREPRENEURSHIP 110
An exploratory course for students interested in the world of small business, this course is designed to involve students in the development of ideas and skills necessary to bring business ideas to the marketplace. This course allows students to see themselves as business people and appreciate the wide range of opportunities available to creators of an idea, owner-operator of a business, or employer-manager of a small business in today's global economy. There is a written business plan component and several in-class presentations. If you want to start your own business or are interested in how business works—this course is for you.

FI ENVIRONMENTAL GEOSCIENCE 120
Geoscience, the study of planet Earth, can include geochemistry, geology, geomatics, geophysics, hydrogeology, paleontology, physical geography, etc. Environmental geoscience can also include environmental sciences, meteorology, soil sciences, oceanography, etc. In Environmental Geoscience 110, learners will consider how Earth systems change over time. Geographic science is applied to the arrangement, interaction, and change of physical/natural features and human activity on and near Earth's surface including safer and more sustainable ways of searching for Earth resources, disposing of waste, selecting places to live and constructing new buildings, etc. Geomatics, a subset of geographic science, allows learners to explore technologies for collecting, managing, and analyzing data about Earth and phenomena arranged on and near its surface.

FI INDIVIDUAL & FAMILY DYNAMICS 120
Individual and Family Dynamics 120 curriculum provides opportunities for students to consider, propose and put into practice ways to meet the needs of individuals and/or families; consider and apply practices to nurture the growth and development of individuals at various stages of their lives; appreciate the diversity of cultures in relation to individuals and the family unit; participate in activities that reflect skills to manage their lives more successfully; examine and practice skills that help develop healthy relationships; practice decision-making and problem-solving skills; practice managing resources in order to become responsible global citizens.

FI MODERN HISTORY 112
This course is designed for students who plan to attend post-secondary institutions. Students will learn about the most significant events and forces in the western world over the last 300 years, which include rights and revolution, nationalism and war. Students will become increasingly proficient in historical thinking, research and analysis and will demonstrate a competence in written and oral expression.

FI RECORDING AND SOUND DESIGN 120
This course is designed for the student who has an interest in audio recording and design. The course is project based and will require the student to work independently in class and on projects. The course is structured into a variety of units covering topics of interface use, physics of sound, looping, the use of MIDI in recording, microphone techniques, recording, mixing practices and more.
The majority of the time will be spent in the recording lab where you will learn about the primary features and basic user interface of Logic X.
You will learn how to generate an audio and MIDI configuration, create your own song using Apple Loops and DSP (digital signal processing) effects and produce and mix audio recordings.

You will also cover MIDI and audio recording, streamlined editing and arrangement techniques, user key commands, automation, scoring to picture and surround mixing.

FI SPORTS & RECREATION LEADERSHIP 120
The focus of this course is to develop leadership skills through the medium of physical education and recreation. The following inter-related units will be considered throughout the semester: Leadership Theory, Sports Administration, Teaching, Officiating, Coaching and Sports Medicine. Students will also be required to teach specific lessons/skills as part of their developmental experience. Students will be expected to participate in public speaking and frequently conduct presentations to the class. In addition to the academic requirements in the classroom, students must also commit to volunteering 30 hours of extracurricular involvement outside the normal classroom setting. Some of this time may be assigned at lunchtime (extra-murals, Cat Shack, etc.) or after school. Students failing to complete this mandatory component of the course will not receive the credit.

FI TECHNIQUES DE COMMUNICATION 110/120
Techniques de communication orale 110 is a practical course designed to build learner confidence in speaking and interacting in French. While it includes some reading, viewing, and writing, the focus is on developing oral skills, including listening, self-expression, and conversational interaction. The course aligns with the Common European Framework of Reference (CEFR) to support authentic language use.

FI VISUAL ARTS 110 / FI VISUAL ART 120
Visual Art is a universal form of expression that encourages learners to explore ideas through planning, action, and reflection while developing technical skills, creative strategies, and visual literacy. Students engage in curiosity, inquiry, and discovery, using feedback and experimentation to build perseverance and problem-solving skills. Through personalized learning experiences, learners research artistic movements or cultures and create works that express their values, ideas, and experiences, while connecting their art to broader historical, cultural, and social contexts. Visual art provides a voice for authentic self-expression, supports innovation and design thinking, and fosters meaningful connections across learning and the community.

FI WORLD ISSUES 120
World Issues 120 deals with the issues and events that have shaped, and continue to shape, the modern world. The course covers current political, economic, social, and environmental concerns such as the Global Village, Peace and Security, Environmental Problems, Demographic Changes, and Global Economics. World Issues 120 is research based and requires the completion of a series of assignments.

Personalized Well-Being (20 credit hours)

Career Information, Communication Technology, Occupational and Skilled Trades (4 credit hours)

AUTOMOTIVE ELECTRICAL SYSTEMS 120 (also in Science cluster)
This course introduces the student to the theory and operation of automotive electrical systems. Students will study the principles of electricity, including electron theory, magnetism, and electrical symbols. Course content progresses to components of the charging, ignition, starting and lighting systems. Study also includes engine management systems, scanning on-board computers and diagnostics. Students exploring career opportunities in the automotive service industry or related trades would benefit from this course. This course may be used as a science credit for graduation purposes (see Guidance).

BUSINESS MANAGEMENT 120
This course focuses on ways in which organizations deal with issues affecting their competitiveness in a changing technological and global business environment. Students will study issues such as financial literacy, ethics in business, business environments, management functions, and employee motivation. This course will help prepare students to work successfully in small business, providing them with skills in leadership, critical thinking, and problem solving.

COMPUTER AIDED DESIGN 110
In this introductory course students create technical drawings, with part of the course emphasizing the process of design. Students will spend a great amount of time using the computerized drafting system and AutoCAD software. Students interested in post-secondary technology programs, graphic design and all fields of engineering would benefit from this course.

COMPUTER SCIENCE 110
This is an introductory course in structured programming in PYTHON language. The theory component is limited to programming applications. Topics include a variety of programming statements (print, if, for, while etc.), entering data, decision making, loops, graphical user interface, and functions. Students selecting this course should be able to work independently and have good mathematics skills (70%+). Students use the computer as a problem-solving tool and will find this course of value in future studies or careers in Engineering, Business Administration, Technology and Science.

COMPUTER SCIENCE 120
This course will include a study of high-level languages (mostly JAVA). Advanced concepts and procedures are presented to provide a more comprehensive understanding of computer usage and applications. This is a desirable course for students intending to follow a computer science or data analysis program at a post-secondary institution. Computer Science 110, although recommended, is not a requirement.

CAREER PATHWAY MENTORSHIP (CO-OPERATIVE EDUCATION 120) - 8 credit hours
This course is available to grades 11 & 12 students. Preference is given to grade 12 students. Students who qualify are placed in a career, and as a result benefit from actual experience in the working world. The experience is worthwhile, and a sense of accomplishment is one of the greatest rewards. Regular class sessions are held in school to learn fundamentals of employment readiness and to allow students to evaluate their experiences through reflective study. A high degree of self-discipline proves essential in the students' overall success.

CULINARY TECHNOLOGY 110
CULINARY TECHNOLOGY 120
The Culinary Technology Program is designed to prepare students for employment and/or future education in the food service industry. This technology-driven and skill-oriented program involves not only the "how and why" of food service preparation but focuses on the development of personal skills and food knowledge that can be applied to the food industry. Learning experiences include planning, costing, and preparation for food service.
Culinary Technology 110 has an emphasis on bakeries, baked goods, breads, and pastries. Students enrolled in Cul Tech 110 are responsible for preparing Culinary Café items.
Culinary Technology 120 has an emphasis on food and meal preparation in a real restaurant environment. Students enrolled in Cul Tech 120 prepare and serve items at a weekly staff restaurant.

EARLY CHILDHOOD SERVICES 110
EARLY CHILDHOOD SERVICES 120

The Early Childhood Services Courses are designed to enable students to develop personally as they plan strategies and programs to build understanding of child development as it relates to children's enthusiasm for life-long learning. Preschoolers (3-4 years old) will attend a Playschool program organized by the students for 15 weeks during the semester.
The courses focus on the skills to prepare students to work with preschoolers. It is a "how to" program, applying basic theory to hands-on activities. It will enable students to develop skills in self-assessment, personal discipline, goal setting, decision making, problem solving, communication and conflict resolution.
Early Childhood Services 110 has emphasis on the development of children from infancy to 5 years old. Some of the topics include Daily Routines, Guidance, Arranging Space, Nutrition, and Types of Childcare Programs.

Early Childhood Services 120 has emphasis on identifying roles and responsibilities of the ECE. Some of the topics include provincial standards, identifying personal awareness strategies, gaining knowledge and understanding of the profession, and creating safe and healthy environments.

ELECTRICAL WIRING 110
This is a residential wiring course with an emphasis on the lighting and power circuits normally found in a single-family dwelling. Students will progress from a study of the basic equipment, supplies and techniques used in residential wiring to the design and placement of the total electrical circuit requirement of a single-family dwelling as prescribed by the Canadian Electrical Code. This course will be of value and interest to those with a career objective in the electrical technology/electrical trade area.

ENTREPRENEURSHIP 110
An exploratory course for students interested in the world of small business, this course is designed to involve students in the development of ideas and skills necessary to bring business ideas to the marketplace. This course allows students to see themselves as business people
and appreciate the wide range of opportunities available to creators of an idea, owner-operator of a business, or employer-manager of a small business in today's global economy. There is a written business plan component and several in-class presentations. If you want to start your own business or are interested in how business works—this course is for you.

FASHION TECHNOLOGY AND DESIGN 110
This course is deigned to explore the various techniques, textiles and equipment used in the Fashion Industry to construct and assemble various garments and products within the industry. Learning involves basic construction techniques, small projects and completion of a personal garment. Students will learn the basic operation of a sewing machine.

FASHION TECHNOLOGY AND DESIGN 120
This course is designed to give students the opportunity to create, learn, and explore in the field of fashion. Designer studies, the clothing industry, fashion promoting and marketing, textile identification, product knowledge, elements and principles of design are all a part of Fashion Design. In addition to theory, the hands-on work includes designing a basic accessory, fashion sketching, construction of a garment, and creating a project from recycled clothing.

FINANCIAL ACCOUNTING 120
This course introduces grade 11 and/or grade 12 students to the procedures, concepts and applications of accounting. Topics which will be covered include the nature of business, accounting as a possible career, bookkeeping procedures, accounting theory, and the entire
accounting cycle. In addition, we will look at various forms of business enterprises such as sole proprietorships, partnerships and corporations. This course is designed for students who intend to pursue studies in business at a post-secondary institution.

FRAMING AND SHEATHING 110
Students in this course will participate in the planning and construction of wooden structures in a large, well-equipped shop. Students will learn the safe operation of carpentry tools and equipment. Emphasis will be placed on the interpretation of the National Building Code, blueprint reading, estimating and material layout. This course will be of interest to students exploring career opportunities in the building construction industry.

HOSPITALITY AND TOURISM 110
Students will explore the sectors of the Travel Industry including accommodations, food and beverage, adventure tourism, and transportation. Students will have the opportunity to create and evaluate Hospitality and Tourism through its past and into the future. Students will learn valuable customer service skills and create a dream vacation for themselves through a term project. The skills learned will benefit the students with transferable skills for future employment opportunities. This course will explore areas of travel and tourism opportunities around the globe.

HOUSING AND DESIGN 120
This course explores various aspects of housing and design through knowledge and applications. Students will explore topics such as architecture and housing styles, influence of history on housing, interior design (using the principles and elements of design), and consumer concerns related to housing such as renting vs. buying. This course is designed for students who are going to study further in this field as well as students who have an interest in housing and design.

INFORMATION TECHNOLOGY 120
Information Technology 120 offers the opportunity to examine, create, reflect and appreciate data manipulation and storage, digital tools for print-based communication and the complete project cycle (brainstorm, plan, research, identify assets, design, build, manage, deliver and evaluate).

INTERNAL COMBUSTION ENGINES 110
The content of this course includes the theory and operation of the internal combustion engine. Students learn the safe operation of tools and equipment used to disassemble, diagnose, service and repair engine components and systems. Emphasis is placed on the development of skills essential for persons entering automotive, heavy equipment or related trades.

INTRODUCTION TO APPLIED TECHNOLOGY 110
This course is designed an introduction to the trades. Students will gain an insight into the following disciplines: woodworking, metals, electrical wiring and automotive. This course is intended for students who intend to take future trades-type courses and enjoy working with their hands and have a mechanical aptitude.

METALS FABRICATION (WELDING) 110
Students in this welding course develop basic skills in the safe use of arc and MIG welding equipment. Instruction will also be given in oxygen-acetylene and plasma cutting equipment as well as machines and equipment used to cut and form metals. Students work in a well-equipped, modern welding shop to construct or repair products, such as furniture and cargo trailers. This course will appeal to students interested in exploring opportunities in welding, metal working and mechanical servicing, and many other skilled trades.

METALS PROCESSING (MACHINE SHOP) 110
Students in this course develop skills in the operation of lathes, grinders and milling machines. In the lab they learn a variety of processes used to form and repair metal parts for machines and tools. This course would appeal to students considering a career in the mechanic or machinist trades, mechanical engineering, or mechanical technology areas.

METALS PROCESSING (MACHINE SHOP) 120
Students will follow an advanced curriculum and must have excelled at Metals Processing 110.

MILL AND CABINET WORK 120
Students in this course build a series of wooden products to learn the safe operation of woodworking tools and equipment. They also learn project planning and estimating as well as finishing and installation of cabinets and furniture. This course will be of interest to students exploring career opportunities in the building construction industry as well as those with a general interest in woodworking.

POWER TRAIN AND CHASSIS 110
This course is designed to develop skills and knowledge in the service and maintenance of the automobile power train and chassis. Emphasis is placed on the function, repair and replacement of components. Topics include brakes, steering, suspension, wheels, tires, transmissions, differentials, drive lines, and spring and shock assemblies. Students exploring career opportunities in the automotive service industry or related trades would benefit from this course.

RESIDENTIAL FINISH 120
This is a good course choice for those wishing to pursue a career in the residential construction industry or those wishing to gain knowledge and skills for their own self-interest, perhaps laying a hardwood floor, repairing drywall or installing siding. This course includes installation practices for insulation, flooring, stairs, drywall, doors, windows, roofing and various exterior finishes for housing. Students will gain experience estimating materials and labour while enhancing some practical skills. This course will introduce the students to a wide diversity of options in the construction industry.

SKILLS FOR SUCCESS 120
Goals, Growth, and Grit: Skills for Success 120 will provide students with skills in three main areas - positive and productive mindsets and behaviours, organizational patterns, as well as functional and critical literacy. Within the broad learning expectations of the course, specific success skills, strategies, and practices will be explored. Students will be supported to apply and transfer these skills, strategies, and practices to other courses and real-life situations. Students will learn how these support postgraduate pursuits.

TUNE-UP AND EMISSIONS 120
This advanced automotive course includes the study of automotive fuel and emission systems. Students will study the component functions and service procedures of modern fuel injection and emission systems. Study also includes scanning on-board computers and diagnostics. This course would be of interest to students entering the automotive related careers.

Other Career-Connected Courses (no description)
Computer Assisted Manufacturing 110

Creative Arts (4 credit hours)

CREATIVE ARTS 110
Creative Arts 110 is an overview course designed for all learners who have an interest in the arts. It is designed to encourage students to develop skill through exposure to a variety of challenges and problems requiring creativity and higher order thinking.

DIGITAL PRODUCTION 120
Are you interested in digital imaging, simple animation, or digital audio? If so, Digital Production 120 can offer you the skills which will allow you to create multimedia and web pages. This class is a skill-based course designed for those who are motivated to learn more about web design, editing images, animation, and audio recording.

DRAMATIC ARTS 110/120
This course will focus on developing and improving upon performance skills, namely acting, singing, and dancing. Students will be expected to contribute significantly each day through discussions, individual and group performances and critiques, and productions. For this reason, a good attendance record is expected.

GRAPHIC ART AND DESIGN 110
If you find logos, sign designs or illustrations interesting and would like to learn how to successfully create them, then Graphic Art and Design 110 will prove both enjoyable and useful. You will learn the technical side of the graphic process, along with how to communicate with targeted intent. Images will be created by hand and then transferred to a computer via Photoshop.

MUSIC 10
Music 10 is a fun, hands-on course where you get to play, create, and explore music in a relaxed and supportive environment .No experience is needed. If you enjoy music or want to try performing, this is a great place to start. Music 10 helps you build confidence while having fun—and it prepares you for more music courses later on.

MUSIC 112
Music 112 is an engaging course for students who enjoy performing, creating, and exploring music more deeply.Music 112 is designed to be both creative and challenging, helping you refine your musicianship while still having fun. If you're passionate about music or thinking about taking future music courses, this is the perfect next step. Enrolment in Music 112 is only recommended after successful completion of Music 10.

MUSIC 122
Music 122 is a Grade 12 course that lets you dive deeper into performing, creating, and understanding music at a higher level. Music 122 supports you in becoming an independent, thoughtful musician. It's a great choice if you love music,

want to strengthen your skills, or plan to continue in music after high school. Enrollment in Music 122 is only recommended after successful completion of Music 112.

POPULAR MUSIC 110
Popular Music 110 is a hands-on course where you explore the sounds, styles, and stories behind the music you hear every day. Popular Music 110 is perfect for anyone who enjoys performing, creating, or simply digging into why music sounds the way it does. No advanced theory needed — just curiosity, creativity, a love of music, and successful completion of Music 9.

POPULAR MUSIC 120
Popular Music 120 builds on the creativity and skills developed in Popular Music 110, helping you dive deeper into performing, creating, and understanding the music that shapes today's world. Popular Music 120 encourages you to experiment, collaborate, and express your voice as a developing musician. It's ideal for anyone interested in songwriting, performing, producing, or understanding how music impacts society. Enrollment in this course is only recommended after successful completion of Popular Music 110.

VISUAL ART 10
An introduction to art at the high school level.

VISUAL ARTS 110
The student will be working towards an emphasis on personal expression and individual style. This course focuses on drawing, painting, print making, sculpture, art appreciation and art history.

VISUAL ART 120
This is the second course of the Visual Arts program**.** Many of the same areas as in the Visual Arts 110 will be covered, but in much greater depth with an emphasis on further developing one's personal style. A presentation portfolio of student artwork will also be developed.

WORLD MUSIC 120
World Music 120 is an exciting Grade 12 course that takes you on a global musical journey, exploring how different cultures express themselves through sound. This course is perfect for anyone who loves music or wants to understand the world better through culture and creativity. You don't have to be a musician, just open-minded and ready to explore! Enrollment in Music 120 is only recommended after successful completion of Music 10 and Language Arts 10.

<u>Other Creative Arts Courses (no description)</u>
Film 110
Film 120
Marketing 120

Wellness and Physical Education (4 credit hours)

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

HEALTH & PHYSICAL EDUCATION 10
In Health & Physical Education 10, students will be expected to demonstrate efficient and effective motor skills

HUMAN SERVICES 110
The overall aim of Human Services is to increase students' awareness of the importance of human service work. Inclusive communities and an aging population are creating many opportunities in the human service field. This course will develop work-related competencies and explore post-secondary learning, innovations and careers in the human service industry.

INDIVIDUAL AND FAMILY DYNAMICS 120
Students will explore their own personal development through the study of themselves and their relationships with others. Topics such as personality development, relationships, dating, love, marriage and family, sexuality, reproductive systems, birth control and sexually transmitted diseases, wellness, and aging, will be studied. This course is an excellent introduction to studies in Sociology, Psychology, Teaching, Social Work and Family Life Education.

INTRODUCTION TO KINESIOLOGY 120
This course is designed to provide a foundation in experiences and understanding of the theoretical and practical aspects of Kinesiology. Learners will explore, connect, and participate in hands-on instructional practices, including group activities and labs. They will also engage in topics such as: historical physical activity and sport events, ethical issues, physical literacy, anatomy, physiology, human performance, biomechanics, and prevention and care of athletic injuries. This course is appropriate for learners who have an interest in learning more about kinesiology including careers in the fields of physical education, health education, physiotherapy, athletic therapy, nursing, athletic coaching, sport management, recreation, and leisure.

NUTRITION FOR HEALTHY LIVING 120
This course will provide students the opportunity to design and implement both a workout plan, as well as a nutrition plan, to promote healthy living practices. Students will investigate different nutrition and training programs to build and maintain a schedule that fits their personal fitness needs. Nutrition specialists within the community will be consulted to advise each student's nutrition choices. Much of this course will be carried out in the fitness room.

OUTDOOR EDUCATION 110
The focus of this course is to develop personal outdoor recreation skills based on environmental ethics. Class outings are compulsory and may take place during class or for an extended period. The class will participate in various half day and full day outings as well as a mandatory overnight camping excursion. The course will take advantage of local outdoor adventure areas; activities may include hiking, canoeing, rock climbing, and swimming. (Many of these activities have a high risk of injury when safety guidelines are not followed.) Students must be prepared to plan, lead, and evaluate outing experiences from a personal and group perspective.

<u>Students are admitted to the course based on</u>:
1. Strong attendance during the previous academic year.
2. Ability to work independently and collaboratively with minimal supervision.
3. Mature and responsible work ethic.

Students must also be recommended by <u>two teachers</u> who have taught them in the past and know them well enough to comment on the qualities indicated on the application form.

Application and recommendation forms are available from the PE Department

OUTDOOR EDUCATION 120
Students will follow an advanced curriculum and must have excelled at Outdoor Education 110.

***Application and recommendation forms are available from the PE Department**

PSYCHOLOGY 110
This course will introduce learners to the study of behaviour and mental processes. Students will cover a variety of areas related to psychology, including social influences, scientific methodologies, historical perspectives, psychological disorders, and potential career opportunities. Learners can expect to participate in class discussions, case studies,

engage in self-reflection, interact with media, and collaborate with peers. The topics will include psychology as a social science, research methods and ethical guidelines, biological factors, emotions, consciousness, learning and intelligence, and personality.

PSYCHOLOGY 120
Learners in Psychology 120 will cover a variety of areas related to psychology, including social relationships, memory, learning, and how to apply their knowledge to consider current and ethical research practices. Learners will have the opportunity to examine psychological disorders and their preventions and treatments. The topics will include psychology as a social science, biological factors, variations and perspectives, and applications of psychology.

SPORTS & RECREATION LEADERSHIP 120
The focus of this course is to develop leadership skills through the medium of physical education and recreation. The following inter-related units will be considered throughout the semester: Leadership Theory, Sports Administration, Teaching, Officiating, Coaching and Sports Medicine. Students will also be required to teach specific lessons/skills as part of their developmental experience. Students will be expected to participate in public speaking and frequently conduct presentations to the class. In addition to the academic requirements in the classroom, students must also commit to volunteering 30 hours of extracurricular involvement outside the normal classroom setting. Some of this time may be assigned at lunch time (extra-murals, Cat Shack, etc.) or after school. Students failing to complete this mandatory component of the course will not receive the credit.

Students are admitted to the course based on:
1. Strong attendance during the previous academic year.
2. Ability to work independently and collaboratively with minimal supervision.
3. Mature and responsible work ethic.

Students must also be recommended by two teachers who have taught them in the past and know them well enough to comment on the qualities indicated on the application form.
Application and Recommendation forms are available from the PE Department

WELLNESS PHYSICAL EDUCATION 110
This course is intended to allow students an opportunity to be active, while further enhancing their decision-making skills towards personal wellness. This course will be offered to grade 11 and 12 students only. 40% of the course will be theoretical in a classroom setting with the remaining 60% spent on practical work in an active setting. This course will help students increase their awareness of the role of physical activity towards a healthy, active lifestyle.

YOGA 110
This course introduces students to the practice of yoga in its various forms and styles. The intention is for students to develop a lifelong personal practice of yoga not only to maintain exceptional physical condition, but also to develop healthy relationships with self, others, and the Earth. Students will participate in various activities, including the physical practice, personal reflection, partner exercises, group discussion and classroom theory. Classroom sessions will address topics such as: the essentials of good nutrition, ethical principles (like kindness, generosity, and mutual respect) and exercises which empower students to become positive and purposeful members of society.

Other Wellness and Physical Education Courses (no description)
Dance 110
Physical Literacy through Sport 110

Languages and Literacies (24 credit hours)

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.

ENGLISH LANGUAGE ARTS FOUNDATIONAL 111/112/113
This course is compulsory. The areas of study focus on formal and informal composition, oral communication to convey ideas, analysis of various literary texts, and exploration of literary theories and perspectives. Students will work independently and collaboratively; regular attendance is very important.
***Application form required for English Language Arts Foundational 111**

ENGLISH LANGUAGE ARTS 121/122/123
This course is compulsory. Students are expected to exercise independent and critical thinking as textual material is studied as a class, in groups, and individually. Increasingly challenging materials will be presented to students to guide them along the continuum of text complexity.
***Application form required for English Language Arts 121**

ENGLISH LANGUAGE ARTS EXTENDED 10
This course is an extension of the topics covered in English Language Arts Foundational 10. The topics will be covered at a deeper level. This is intended for students following an academic pathway.

ENGLISH LANGUAGE ARTS EXTENDED 11
This course is an extension of the topics covered in English Language Arts Foundational 11. The topics will be covered at a deeper level. This is intended for students following an academic pathway.

JOURNALISM 120
An elective course open to students in grade 11/12. Journalism 120 is intended for those who wish to explore Journalism as a career or field of study following high school. Students who have taken Writing 110 or who have done well in English or History courses might be interested in Journalism 120. Participants will be involved in the intensive practice of writing stories and articles in various journalistic styles. This course is for writers, not just critics of writing. Students must commit to practical outcomes and work towards publication of their work.

MEDIA STUDIES 120
Media Studies 120 is an elective course for grade 11/12 students. In a world dominated by the mass media, this course is designed to help students become media literate and understand the impact of mass media on society and culture. Students learn by experiment and exploration from this activity based course. Areas of focus will include popular culture, television/video/film, advertising, and media and the internet. Students enrolling in Media Studies must be mature enough to meet the high level of independence, reliability and responsibility required of them.

PIF (POST INTENSIVE FRENCH) 110
This course is designed for students who have successfully completed Post-Intensive French in grades 9 and 10. Different themes are explored to improve students' understanding (reading and listening) and production (speaking and writing) of French.

PIF (POST INTENSIVE FRENCH) 120
This course is designed for students who have successfully completed Post-Intensive French in grade 11. Different themes are explored to improve students' understanding (reading and listening) and production (speaking and writing) in French.

READING TUTOR 120
This course is a unique opportunity for tutors to work on a one-to-one basis with elementary students who are seeking to raise their reading level and to improve their writing skills. Tutors learn basic reading theory and teaching techniques and are assigned one student at a local feeder to work with for the term. This course is recommended for those planning careers in education, guidance, or the social services.

WRITING 110
This is an elective course for students who wish to improve and enrich their writing skills. The focus will be on writing as a process: brainstorming, outlining, drafting, polishing, and publishing. Many formats will be explored, such as free writing, exposition, description, process analysis, narration, book/movie reviews. Within the course structure there is opportunity for creative expression. Assessment will be frequent and will include portfolio assessment, tests, term projects or publishing assignments.

Other Languages and Literacies Courses (No description)
Children's Literature 120
Graphic Novels 120
Intro Mi'kmaw 110
Intro Wolastoqey 110

HUMANITIES (8 credit hours)

ANCIENT MEDIEVAL HISTORY 112
Ancient and Medieval History 110 addresses big ideas in civics and Indigenous perspectives and ways of knowing through the study of the distant past. It fosters thoughtful and engaged citizenship through the examination of enduring human issues and questions. The course engages students by presenting them with exciting content and issues that help to explain the world around them today.

CANADIAN GEOGRAPHY 120
This course provides a general introduction to global physical geography. It investigates how Canadian geography affects our lifestyle, and employment. Students will learn about Canadian regions, climate, and population demographics. Further, the course reflects on how Canadian geography relates to our natural resources, and how this affects our trade, both domestic and international. In turn, this course will show how Canadian geography influences our relationships

between provinces, and with other nations around the world. Students will explore the challenges that come with living within this country, as well as current and future environmental concerns, and the social and economic challenges facing our country.

CANADIAN HISTORY 122
Beginning prior to Confederation, this course aims cover the first 150 years of our nation's collective history, as we evolved from colonial partner to independent global leader. The course will discuss the foundations of the Canadian constitution, governance, economics, and social and cultural identities. Particular attention will be placed on our historical relationship with Indigenous people, and how Canada is moving forward with the process of truth and reconciliation. Students will complete a short-term paper that encompasses higher level historical research and writing, inclusive of primary sources, research, annotated bibliography, and Chicago style format. Critically, we will explore past Canadian historical foundations, while reconciling current Canadian reality, to promote progressive and positive advances in Canadian society.

ECONOMICS 120
Since economics plays a part in almost all aspects of our lives, economic literacy is critical. Economics 120 provides that basic literacy through learning about the interaction between supply and demand, as well as the fundamentals of money and banking, producing, and trading. This course will provide students with a basic understanding of our Canadian economic system, as well as factors that affect decision-making as individuals and groups.

LAW 120
This course will provide students with a basic knowledge of the Canadian legal system and its operations, as well as an awareness of the impact of the law on their lives. It will offer an introduction to the concepts and principles of civil and criminal law. Major topics include foundations of the legal system, criminal law, human rights, torts, and family law. Students will experience practical exposure to the law through guest speakers, a courtroom visit and daily current event discussions.

MODERN HISTORY 112/113
This course is designed for students who plan to attend post-secondary institutions. Students will learn about the most significant events and forces in the western world over the last 300 years, which include rights and revolution, nationalism and war. Students will become increasingly proficient in historical thinking, research and analysis and will demonstrate a competence in written and oral expression.

POLITICAL SCIENCE 120
As an introduction to politics, this course teaches basic political theory, structure, and terminology, so students can examine and understand current political issues facing our nation. Students will learn how Canada is governed, democratic rights and responsibilities, and how our nation interacts with the global community. The goal is to promote political awareness of, and personal interaction with, politics. Every Canadian has the right to vote and should understand how and why we do it. Students will become familiar with the principals of democracy, the Canadian voting process, current political figures, and will learn about political, legal and economic issues facing the nation. By the end of the semester, students are better informed, stronger critical thinkers, and empowered to participate as local, national, and global community members.

SOCIOLOGY 120
This course is an introduction to sociology. Students will develop the ability to both examine and question the world around them. They will explore the links between society and individual experiences. Through various teaching and learning methods, students will learn about such topics as culture, socialization, social control, social movements, and a special interest topic through a seminar presentation. This is an excellent course for anyone interested in social issues, social inequities, and social justice.

WORLD ISSUES 120
World Issues 120 deals with the issues and events that have shaped, and continue to shape, the modern world. The course covers current political, economic, social, and environmental concerns such as the Global Village, Peace and Security, Environmental Problems, Demographic Changes, and Global Economics. World Issues 120 is research based and requires the completion of a series of assignments.

Other Humanities Courses (no description)
Wabanaki Studies 120

MATHEMATICS (12 credit hours)

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 anti-derivative 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. Students should check entrance requirements for the specific program and institution in which they are interested.

FINANCIAL & WORKPLACE MATH 110
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 & WORKPLACE MATH 120
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. Topics include measuring, sine and cosine laws, properties of polygons, transformations of 2-D and 3-D shapes, small business finance, linear relationships, data interpretation, and probability. Opportunity is given to research and present an historical event or an area of interest that involves mathematics.

FOUNDATIONS OF MATHEMATICS 110
This course is a pre-requisite for a second Foundations of Mathematics course in Grade 12 providing a pathway designed for entry into academic programs not requiring pre-calculus. It is also a pre-requisite for the pre-calculus pathway. Students develop logical reasoning skills and apply this to proofs and problems involving angles and triangles, the sine law and the cosine law. Students model and solve problems involving systems of linear 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
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. This course completes the Foundations of Mathematics pathway.

GEOMETRY, MEASUREMENT AND FINANCE 10

This course 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. Learners will enact and apply prior *Mathematics K-9* knowledge, and personal financial decision-making and wellness knowledge from *Personal Wellness 6-8* curriculum. 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.

NUMBERS RELATIONS & FUNCTIONS 10

This is a recommended course for grade ten students. This is a pre-requisite for Foundations of Mathematics 110. The course includes the following topics: factors and multiples of whole numbers, perfect squares and cubes and their roots, common factors of a polynomial, factoring, irrational numbers, mixed and entire radicals, fractional and negative exponents, relations and functions, graphs, linear functions, systems of linear equations.

PRE-CALCULUS 110

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° to 360°) and solve 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

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

PRE-CALCULUS B 120

This course is a pre-requisite for 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.

SCIENCE (8 credit hours)

AGRICULTURE 110
Agriculture 110 includes the history and evolution of Agriculture in New Brunswick which recognizes Indigenous and settler contributions, everyday impacts on life in New Brunswick, and specific types of Agriculture predominant in New Brunswick. Learners will apply knowledge of plants and animals to local contexts, to introductory plant growing and animal care research skills, this leads to creating quality Agriculture products and/or operations. Learners will apply skills during Agriculture experiences and/or work placements and will have build knowledge in Agricultural careers. Agriculture 110 allows the opportunity for a learner-led personal choice project or development of a business proposal and plan to summarize and demonstrate learning.

AQUATIC SCIENCES 120
This course introduces learners to the blue economy. Learners will dive into inquiry-based learning while exploring the aquaculture industry, fisheries, and aquatic systems. In this context, learners will build scientific literacy skills such as observing, questioning, predicting, data collection, analysis, drawing conclusions, applying knowledge, and communicating results. This course explores career pathways. Learn about the vital role aquaculture and fisheries play in our daily lives and discover the diverse range of career opportunities available, from marine biology to environmental stewardship. Furthermore, this course emphasizes personal connections, sustainable practices, and respect of Indigenous ways of knowing, in a local and global context. Recommended to take Science 9 and 10.

BIOLOGY 112
Biology 112 explores the unity and diversity of living things. Students study the development of cell theory, cell structure and function, cellular respiration, and photosynthesis. The diversity of organisms that make up the world's ecosystems is also examined, including a study of some of the systems that allow multicellular organisms to maintain dynamic equilibrium. Laboratory work and demonstrations will supplement classes.

BIOLOGY 122
This course is designed to support learners who have post-secondary plans in the areas of biology, health sciences, ecology, forestry, and environmental science. Students will study the history of the gene, and how biological information in the form of genetics is used in the natural world from cellular processes to evolution. Topics covered during this course will include cellular reproduction and cell regulation, heredity, DNA replication, gene expression, genetic engineering, and evolutionary concepts. It is strongly recommended that learners take **Science 10: Science for Sustainable Societies** and **Biology 112** before taking **Biology 122**.

CHEMISTRY 112
This course provides students with a strong foundation in core chemical concepts needed for senior science pathways. Learners begin by mastering chemical nomenclature, gaining the ability to identify, name, and write formulas for ionic, molecular, acidic, and basic compounds. They then progress to the mole concept, using Avogadro's number to solve problems involving molar mass, gas volume, and percent composition. Students apply these skills in stoichiometry, where they calculate quantities in chemical reactions, identify limiting reagents, and determine percent yield. The course also explores the behaviour of gases, emphasizing gas laws, the ideal gas equation, and distinctions between ideal and real gases. A major conceptual component is atomic structure, moving from early atomic models to electron

configuration using modern quantum principles. Building on this, students study covalent and ionic bonding, molecular structure (including VSEPR theory), polarity, and intermolecular forces by developing both conceptual understanding and diagramming skills. Overall, the course supports students interested in STEM fields by strengthening problem-solving abilities, analytical thinking, and foundational scientific literacy. It is strongly recommended that students have successfully completed Science 10 and Numbers, Relations, and Functions 10 before enrolling in Chemistry 11.

CHEMISTRY 122
Students planning on pursuing post-secondary studies in Science, Engineering or Nursing should take this course. It is a continuation of grade 11 Chemistry. Topics covered include organic chemistry, chemical equilibrium, acid-base chemistry, and energy changes. A good background in Chemistry 11 and Foundations of Mathematics 110 is an asset.

ENVIRONMENTAL GEOSCIENCE 120
Geoscience, the study of planet Earth, can include geochemistry, geology, geomatics, geophysics, hydrogeology, paleontology, physical geography, etc. Environmental geoscience can also include environmental sciences, meteorology, soil sciences, oceanography, etc. In Environmental Geoscience 110, learners will consider how Earth systems change over time. Geographic science is applied to the arrangement, interaction, and change of physical/natural features and human activity on and near Earth's surface including safer and more sustainable ways of searching for Earth resources, disposing of waste, selecting places to live and constructing new buildings, etc. Geomatics, a subset of geographic science, allows learners to explore technologies for collecting, managing, and analyzing data about Earth and phenomena arranged on and near its surface.

ENVIRONMENTAL SCIENCE 120
The objective of this course is for students to develop the knowledge base and skills for investigating and analyzing environmental issues and for communicating their knowledge and analysis to others.
Students will:
1. Identify the impact of personal behaviors on the environment and recognize that caring for and sustaining natural environments is an element of responsible global citizenship.
2. Investigate, analyze, and compare historical to current land and water use in New Brunswick and the factors that impact our sustainable development.
3. Analyze and propose solutions to current environmental issues through research, experimentation, and a presentation of their findings with respect to the issue.

HUMAN PHYSIOLOGY 110
The goal of this course is to build an understanding of the physiology of the human body. This course is designed to support learners with post-secondary plans in the areas of social sciences, health care, and kinesiology. This course focuses on developing an understanding of the structure and functions of each human body system with relation to other body systems and the overall health of learners. Topics covered during this course will include human movement, nutrition and gas movement, and response to changes occurring within the human body.

PHYSICS 112
Physics is the study of the Universe, and Physics 11 provides students with a strong analytical foundation that supports future STEM pathways. The course emphasizes qualitative (explanations) and quantitative (calculations) problem-solving. Students begin by exploring **Kinematics in One Dimension**, learning how to describe motion through graphs and mathematical relationships. The second unit, **Two-Dimensional Kinematics**, builds on this by introducing vectors and multi-directional motion, strengthening students' mathematical reasoning. The **Dynamics** unit shifts toward understanding the forces that cause motion, including friction, gravity, and applied forces. Students will learn, and apply. Newton's Laws to various scenarios, reinforcing critical-thinking skills. Finally, **Conservation of Mechanical Energy** introduces work, energy transformations, and the idea of energy conservation within physical systems. Physics 11 is well suited for students considering careers in engineering, health sciences, skilled trades, computer science, or any field requiring strong problem-solving abilities. It also helps students decide whether they want to pursue Physics 12 or other advanced STEM courses. It is strongly recommended that students have successfully completed Science 10 and Numbers, Relations, and Functions 10 before enrolling in Physics 11.

PHYSICS 122
Physics is the study of the Universe, and Physics 12 builds on the foundations of earlier science courses to prepare students for STEM-related pathways in university, college, or technical programs. This course emphasizes advanced problem-solving, mathematical modelling, and analytical reasoning, all of which support careers in engineering, health sciences, computer science, and skilled trades. Students begin with Wave Phenomena and Applications, exploring mechanical and electromagnetic waves, the electromagnetic spectrum, refraction, and image formation with lenses. The course then advances into Kinematics and Dynamics in Two Dimensions, where students study projectile motion, forces on inclined planes, collisions, and torque in static equilibrium. In Circular Motion and Universal Gravitation, learners investigate rotating systems and the gravitational interactions that govern planetary motion, including Kepler's Laws. Finally, the Electric Circuits, Fields, and Electromagnetic Forces unit introduces electric charge, fields, circuits, magnetism, and the interactions that allow electricity and magnetism to shape modern technology. Physics 12 is well suited for students who enjoy analytical work and want a strong academic foundation for post-secondary STEM programs.

SCIENCE FOR SUSTAINABLE SOCIEITIES 10
Science 10 introduces students to foundational concepts in the physical sciences of physics and chemistry while strengthening scientific inquiry, problem-solving, and collaborative skills. The course focuses on helping students understand how science connects to everyday life, emerging technologies, and future learning pathways. Students explore **Power, Work, and Energy**, including forms of energy, energy storage, and the conservation of energy. They examine **Electricity and Electrification**, covering static electricity, electric charge, electrical phenomena in nature, and practical circuit analysis using Ohm's Law. The **Nuclear Technology** section introduces atomic theory, isotopes, radioactivity, and processes such as fission and fusion, highlighting both scientific principles and societal implications. In **Chemistry Foundations**, students study classification of matter, chemical bonding (ionic, covalent, and metallic), chemical reactions and equation balancing, conservation laws, and an introduction to calculations involving moles. Overall, Science 10 builds the scientific literacy needed for senior science courses and supports students considering pathways in STEM, trades, health sciences, or technology-related fields.

Other Courses (no description)
Forestry 110

Other

CHILD STUDIES 120
This course is designed for students who are interested in pursuing post-secondary education in early childhood education, pediatric medicine, nursing, child psychology or social work. Topics include heredity, conception, prenatal development, pregnancy, and childbirth, as well as child growth and development.

MINDFULNESS 120
Mindfulness is learning to be in the present moment without judgment. The Learning to Breathe curriculum is designed to teach ways to reduce stress, manage emotions and gain greater control over your thoughts and actions. The curriculum is based on the acronym BREATHE: B=Body; R=Reflections; E=Emotions; A=Attention; T=Tenderness; H=Habits; E= Empower.

PERSONAL INTEREST 110 (FORMERLY KNOWN AS A PASSION PROJECT)
Passion Projects are intended to recognize and provide credits to students who initiate and assist in the development of courses tailored to their needs, abilities, and interests. A Passion Project may include:

- A prescribed course in the Province of New Brunswick (Example: Spanish 110)
- A topic or theme that extends the curriculum of a prescribed course (Example: Grade 12 Physics student may wish to do an in-depth study of quantum mechanics)
- A topic or theme chosen by the student including work that combines several subject areas. (Example: A study of Indigenous Issues in Canada, which may include research and study in Canadian History, Canadian Geography, Canadian Politics, Language Arts, Visual Arts and Music)

ONE Passion Project credit may count towards graduation requirements including compulsory course requirements. **STUDENTS must complete a "James M. Hill Independent Study Application Form", submitted to the office two weeks prior to the beginning of the semester in which the Passion Project course is taking place.**

OTHER COURSES – no description

Computer Assisted Manufacturing 110
Intro to Electronics 120
Tech Theatre Behind the Scenes 120

ICE CENTRE – CAREER COURSES (8 credit hours)

The ASD-N ICE Centre is a career education centre for students to explore a potential career path while still in high school. All courses take place outside of JMH and are open to students from all 4 high schools in the area. Courses are offered as 8 credit hour courses and run 2 hours per day. Each course involves some form of work placement and/or hands-on experience. All courses take place

Below are the courses available at the ASD-N ICE Centre:

1. Intro to Fire Fighting
2. Intro to Nursing & Healthcare
3. Intro to Teaching & Education
4. Forestry & Heavy Equipment Operations
5. Advanced Welding
6. Advanced Electrical
7. Intro to Aviation

If you are interested in the ICE program:

1. Apply online at www.asdnice.com
2. See the Guidance Department

French Immersion

Grade 10

At the grade ten level, students in the French Immersion pathway will be enrolled in:
French Immersion Language Arts 10 (**FILA 10**), French Immersion Civics 10 (**FI Civics 10**), French Immersion Science For Sustainable Societies 10 (**FI Science 10)** and **two (2)** electives from the list below.

Grade 11

At the grade eleven level, students in the French Immersion pathway must be enrolled in:
French Immersion Language Arts 11 (**FILA 11**) and **two (2)** electives from the list below.

Grade 12

At the grade twelve level, students in the French Immersion pathway must be enrolled in:
French Immersion Language Arts 12 (**FILA 12**) and **one (1)** elective from the list below.

French Immersion (FI) Electives – 2-Year Rotation

FI electives are offered on a **2-year rotation**, so not every course is available each year. Students can plan their schedules knowing which courses will be offered in which school year.

School Year	FI Electives Offered
2026–2027	- FI Ancient and Medieval History 110 - FI Canadian History 122 - FI Environmental Geoscience 120 - FI Recording and Sound Design 120 - FI Individual and Family Wellness 120 - FI Techniques de Communication 110/120
2027–2028	- FI Entrepreneurship 110 - FI Modern History 112 - FI History of Rock and Roll 120 - FI Sports and Recreation Leadership 120 - FI Visual Arts 110/120 - FI World Issues 120

* Students should check course availability each year to plan their FI elective pathway.