

# Howard S. Billings Regional High School



Course Dictionary  
2019-2020

***Secondary IV***

## HISTORY OF HOWARD S. BILLINGS REGIONAL HIGH SCHOOL

In the early 1960's, the Howard S. Billings site contained Maple Elementary School, which lay tucked beside McLeod Street and on the corner of Maple and McLeod stood Chateauguay High School.

Launched on a solid educational base inherited from Chateauguay High, September 1967 saw students from Secondary I to V, including Chateauguay's recently amalgamated English-speaking Catholic students, move into the two existing schools. Since facilities could not accommodate the more than 1400 students at one time, shifts were organized whereby the Juniors attended in the forenoon and Seniors after lunch.

Work on the 2400 student 5 million dollar school began in mid-February of 1968. Although construction and teaching went on simultaneously, it was mainly with the commendable adaptability of staff and students, along with the cooperation of the contractor and sub-contractors, that the courses of studies were successfully completed during the construction period.

The "Grand Opening" took place on November 15, 1968, with educational displays by some 500 students at the stellar event. Chateauguay High and Maple Elementary Schools became history as the new complex became Howard S. Billings Regional High School, named after the guest speaker, and then retired Deputy Minister of Education, Dr. Billings.

Already hailed as one of the most advanced Polyvalent schools in the province, it featured some 14 shops, 8 home economics classes, 7 commercial rooms, 6 gymnasiums, facilities for music teaching and practice, modern equipped science labs, a Guidance Centre, a chapel for Catholics and Protestants, library facilities for 30,000 volumes that could accommodate 4 classes per period, a 500 student auditorium and 800 seat cafeteria.

Prior to the opening, some 500 Native students from Kahnawake entered Billings, bolstering the ranks that continued to grow. In the early 70's the student body outgrew the planned facilities reaching over 2800. Students were housed in some 100 homerooms and taught by a staff of over 170 teachers, complemented by some 75 technical and support staff and 7 administrators.

High teaching standards and a developing school spirit moved Billings to excel in academics, drama, science fairs, and sports embodied in some 80 extra-curricular school organizations.

The 70's and 80's witnessed a decline in enrolment that eventually saw the former Maple Elementary School become the new home of the Board Office and Adult Education (Nova Career Centre).

Present day Billings offers a variety of programs to cater to the diverse needs of our student population, such as the International Baccalaureate (IB) program, Options Etudes Program (an enriched bilingual middle school program), an Enriched French program, and a Work-Oriented Training Pathway program. An Alternative program opened as a "school within a school" in September 1996: Directions is a successful and thriving alternative environment serving the needs of Secondary IV and V (grade 10 & 11) students who have had difficulty achieving success in the traditional classroom setting.

Today, our enrolment is at approximately 850 students with roughly 60 teachers, Resource and Native Resource support departments, a Student Services – Guidance department with support for students in Guidance counselling & Psychology, Health, Social services, Drug & alcohol intervention, Organizational help & work on behaviour & other issues in SOS (Student Options Service) from our social aide technicians, and liaison support from our local Police department.

## HSB Secondary Cycle II (Senior) Learning Paths

Comprised of Secondary III, IV and V students, the H.S.B. Senior School offers two pathways in education to allow for diversification: the General Education Pathway and the Work-Oriented Training Pathway. Within these pathways, there are a variety of programs, such as the IB (International Baccalaureate Program), Directions Alternative Program, and Preparation for Work programs. They are further described below.

Both enrichment and/or remediation may be offered based on students' needs and teachers' referrals. Advanced courses are offered in Secondary IV and V. An Arts program is compulsory for students at the Secondary III, IV, and V levels.

There is also a comprehensive choice of other courses as options as well as additional Arts options, available in Secondary IV and V. Our goal is to ensure that our students are well prepared for their post-secondary choices.

The program for Secondary Cycle Two has four distinctive characteristics:

- It targets the development of competencies by students actively involved in the learning process.
- It integrates all the subjects into a coherent whole focused on major issues of contemporary life.
- It explicitly targets cross-curricular learning, that transcends the boundaries between subjects.
- It calls on the professional expertise of school staff and allows for individual and collective choices.

The General Education Pathway leads to possibilities in Vocational training, and /or CEGEP or college-level studies, followed by entry into the labour market or university studies.

The Work-Oriented Training Pathway offers work-study programs intended to give students practical training for the workplace, while continuing general core education courses adapted to their needs and academic level. This path may lead directly to the job market, **OR under certain conditions**, may lead to vocational training or continued studies in general education.

### Programs within the General Educational Pathway

#### **French as a Second Language Options**

The Bilingual Program exists at the Secondary Cycle 1 level (grades 7 & 8) only, and is designed for the majority of students who have successfully completed the bilingual program in the elementary sector.

In Secondary III, IV and V (Grades 9, 10 and 11) all classes are taught in English, but students select either Français Enrichi to further extend their proficiency in that language, or Français de Base, to meet graduation requirements of the Ministry of Education.

#### **IB - International Baccalaureate Program**

The International Baccalaureate Middle Years Program focuses on respect for cultures, religions, racial and intellectual diversity to foster a better understanding of others and concerns for international issues. It promotes a holistic perspective to learning and stresses the importance of communication, which in turn develops language skills.

#### **The Directions Alternative Program**

The "Directions" Alternative program is designed as a "school within a school" for students going into Secondary IV and V who are encountering difficulties in a regular classroom setting. The students in this program are academically capable yet are considered at risk, in need of a fresh start in an alternative setting. Curriculum and pedagogy focus on goal-setting, teamwork, community building & empowerment to help at risk students regain confidence, experience positive learning environments and learn skills to become successful students. Candidates are invited or self-selected to participate in interviews in the spring for the following school year. Those students selected for the program will be informed after their June exams.

## The Work-Oriented Training Pathway

A student who is 15 years of age before the 1<sup>st</sup> day of classes of the coming school year, who has not met the competencies of Secondary Cycle I, may apply to enrol in OR be referred to the *Work-Oriented Training Pathway* if this path is most likely to meet their interests, needs and abilities. This pathway is comprised of two programs: *Training for Semiskilled Occupations* and *Preparation for Employment*.

***Training for Semi-skilled Occupations*** is a 1-year program geared toward students who have achieved the competencies of the Elementary program in English and Mathematics, but have not achieved these competencies at the Secondary Cycle I (grade 7 & 8) level. This program includes English, French and Mathematics, as well as Introduction to the World of Work, and 375 hours of preparation for a specific semi-skilled trade. There could be some possibility for moving from this path to another should the need or interest arise. **These possibilities will depend on the competencies students have acquired.**

***Preparation for Employment*** is a 3-year program geared toward students who have not achieved the elementary level program competencies for English and Mathematics. This program includes a general education component comprised of the core courses, and a practical training component consisting of an Introduction to the World of Work, World of Work Orientation, and Work Skills.

## COURSE SELECTION PROCEDURES

### To take place after Term 2 Report Cards

Every student in Secondary III and IV has access to a copy of the Course Dictionary on the school's website. This catalogue contains all the information needed about compulsory and option courses for the next school year for their grade level. They also receive the Course Selection form and the School Registration form to bring home. Students are responsible to:

1. Complete the course option part of their course selection sheet.
2. Have the course option form signed by their parent/guardian.
3. Have parents/guardians correct information that has changed on the registration form, and then sign it.

Students **must return their course selection** and registration sheets to the Guidance office or to the Reception in the Administration office **no later than Wednesday, March 27, 2019.**

Parents and/or students are welcome to call or make an appointment to meet with the Guidance Counsellor if they wish to discuss course option selections. **Students may request changes to their option selection with parental permission up to the end of June or during course option change period, which starts during the 2<sup>nd</sup> week of September and runs for 1 week only. Request for Course Change forms must be used.**

When setting your educational goals, and subsequently selecting your courses, you are making a commitment. Great care is required in choosing your options since changing from one option to another later on may be difficult or even impossible. To help you decide which option(s) you might select, please read the next section on High School Diploma requirements, CEGEP entrance and specific program requirements, as well as Adult Education Vocational training program requirements.

Be sure to adhere to the deadline for course selection so that you will not be disappointed. Delay in returning your course option selection form may result in a student not getting their choice of options.

### Have Questions?

Call the Student Services Department at 691-3230, ext. 340 to speak with the Guidance counsellor, Ms. Kateri Duknic, or drop in during recess, lunch, or after school to make an appointment or ask questions.

## Additional CEGEP Program Prerequisites

All CEGEP programs require a Secondary School Diploma (SSD), which is granted with a minimum of **54 credits (20 of these from Sec. 5)**, and which must include Sec. 5 English, French, & Phys. Ed. OR ERC, AND Sec. 4 Math, Science, History, & Art.

### Prerequisites

(\* = Not required but recommended)

Certain CEGEP programs require specific additional courses. Prerequisite courses that were not taken in High School MAY be added to the student's program in CEGEP. Verify requirements online at the CEGEP websites as these may be subject to change.

Please Note: Listed below are programs for which additional High School prerequisites exist.

<b>Pre-University (Two-year Programs)</b>	Music (504 or 502)	TS/S Math. (406)	CST Math (504)	TS/S Math (506)	<u>NEW:</u> Math TS/S (406) <b>OR</b> CST (504)	Environmental Science & Technology (404 or 402)	Chemistry (504)	Physics (504)
Arts and Sciences (3)		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Commerce (1, 2, 3, 4) & International Business (2)		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>				
Computer Science & Mathematics (1, 4)		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Social Science with Mathematics (3, 4)		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>				
Honours Social Science (3)		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>				
Music (4)	<input checked="" type="checkbox"/> *							
Science (1, 2, 3, 4): Health / P & A / IB / 1 <sup>st</sup> Choice / Honours / Environmental		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

<b>Pre-University Double DEC ( Three-year Programs)</b>	Music (504 or 502)	TS/S Math. (406)	CST Math (504)	TS/S Math (506)	<u>NEW:</u> Math TS/S (406) <b>OR</b> CST (504)	Environmental Science & Technology (404 or 402)	Chemistry (504)	Physics (504)
Languages, Cultures & Music (4)	<input checked="" type="checkbox"/> *							
Science and Music (4)	<input checked="" type="checkbox"/> *	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Social Science and Music (4)	<input checked="" type="checkbox"/> *							
Science and Social Science (3, 4)		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

<b>Career (Three-year Programs)</b>	Music (504 or 502)	TS/S Math. (406)	CST Math (504)	TS/S Math (506)	<u>NEW:</u> Math TS/S (406) <b>OR</b> CST (504)	Environmental Science & Technology (404 or 402)	Chemistry (504)	Physics (504)
Accounting and Management Technology (2, 4)		<input checked="" type="checkbox"/> *		<input checked="" type="checkbox"/> *	<input checked="" type="checkbox"/>			
Animal Health Technology (4)		<input checked="" type="checkbox"/> *				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> *	
Architectural Technology (4)		<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/> *		
Biomedical Laboratory Tech (2)					<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
Bio-Pharmaceutical Production Technology (3)		<input checked="" type="checkbox"/>						
Building Systems Engineering Technology (4)		<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>		
Computer Science Technology (1, 2, 3, 4)		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>				
Computer Engineering Technology (4)		<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>		
Dental Hygiene (3)		<input checked="" type="checkbox"/> *		<input checked="" type="checkbox"/> *		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Diagnostic Imaging (2)		<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>		
Engineering Technologies (3) / Civil Engineering Technology (2)		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		
Environmental and Wildlife Management (4)		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Industrial Electronics (4)		<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>		
Laboratory Technology - Analytical Chemistry (2)		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Mechanical Engineering Technology (2)					<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
Nursing (1, 2, 3, 4)		<input checked="" type="checkbox"/> *		<input checked="" type="checkbox"/> *		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Physiotherapy Technology (2)						<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
Radiation Oncology (2)		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		
Respiratory and Anesthesia Technology (4)		<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Electronics Engineering Technology (2)					<input checked="" type="checkbox"/>			

*1 = Champlain College St Lambert    2 = Dawson College    3 = John Abbott College    4 = Vanier College*

## Professional Vocational Education

Professional Vocational Education is available at Adult Education Centers around the province in both English and French. The philosophy of these centers is *learning by doing*. Learning is acquired in realistic settings with state of the art equipment. Upon completion of a training program, graduates receive a Diploma of Vocational Studies (DVS) from the Ministry of Education. In today's labour market, these trained technicians are highly sought after due to shortages in skilled labour.

All programs are tuition-free for Quebec residents who have the appropriate prerequisites as recognized by the Ministry of Education. The requirements for entrance into a vocational training program are:

- Secondary School Diploma (SSD), **OR**
- Be 16 years of age as of September 30 of the school year in which the training is to begin, **AND**
- Have obtained the prerequisites for the program.

### Secondary 5 credits in English & French and Secondary 4 credits in Mathematics:

Health, Assistance and Nursing (5825)  
Travel Sales (5736)

### Secondary 4 credits in English, French & Mathematics:

Accounting (5731)*	Hotel Reception (5783)
Aesthetics (5535)	Industrial Construction and Maintenance Mechanics (5760)
Aircraft Mechanical Assembly (5807)	Industrial Drafting (5725)
Aircraft Structural Assembly (5697)	Installation & Repair of Telecoms. Equipment (5766)
Automated Systems Electromechanics (5781)	Interior Decorating and Visual Display (5827)*
Automobile Mechanics (5798)*	Machining Technics (5723)
Automotive Body Repair and Repainting (5717)	Pastry Making (5797)
Business Equipment Technical Service (5765)	Pharmacy Technical Assistance (5841)
Cabinet Making (5530)	Plumbing and Heating (5648) (5833)
Cable and Circuit Assembly (5769)	Precision Sheet Metal Work (5744)
Carpentry (5819)*	Printing (5813)
Computer Graphics (5844)	Production Equipment Operation (5810)
Computing Support (5729)	Professional Cooking (5811)
Dental Assistance (5644)	Professional Sales (5821)
Electricity (5795)	Refrigeration (5815)
Electronic Audio/Video Equipment Repair (5771)	Residential and Commercial Drafting (5750)*
Elevator Mechanics (5700)	Secretarial Studies (5712)*
Fire Safety Techniques (5822)	Sheet Metal Work (5733)
Furniture Finishing (5642)	Stationary Engine Mechanics (5646)
Hairdressing (5745)*	Trucking (5791)
Horticulture and Garden Centre Operations (5788)*	Welding and Fitting (5695)*

### Secondary 3 credits in English, French & Mathematics:

Assistance in Health Care Facilities (5816)*	Masonry: Brick-laying (5803)
Bread Making (5770)	Northern Building Maintenance (5702)
Commercial and Residential Painting (5616)	Northern Heavy Equipment Operations (5784)
Diamond Drilling (5753)	Ore Extraction (5761)
Food and Beverage Services (5793)	Plastering (5786)
General Building Maintenance (5711)	Preparing and Finishing Concrete (5617)
Home Care Assistance (5817)*	Retail Butchery (5768)
Landscaping Operations (5820)*	Sale of Mechanical Parts & Accessories (5694)
Machine Ops., Mineral & Metal Processing (5774)	Tiling (5800)

**\*New Frontiers School Board offers these vocational training programs**

## Secondary IV (Grade 10) Compulsory Courses

***NOTE:*** In the General Education Path, students will take Science & Technology 555-404 and may choose to take the option of Environmental Science & Technology 558404. This combination is essential if a student wishes to take Chemistry and Physics in Secondary 5. These science courses are prerequisites to many CEGEP programs, in particular, any Science related program. Otherwise other option selections may be chosen.

### ***English Language Arts***

In the Secondary IV English Language Arts program, students develop competencies in oral communication, reading and writing. They have many opportunities to interact in class, to listen, to read, and to produce a broad range of media, and oral, written and visual texts. This is basically a literacy program which prepares students to make intellectual and aesthetic judgments, raise questions, articulate their thoughts and respect the ideas of others. Discovering writers, exploring and analyzing texts, and discussing their understanding and interpretation of these texts with their fellow students help students to consolidate and increase their language knowledge.

Students learn that every text is a deliberate, social construct. As they consider how a writer persuades a reader, they learn that meanings are designed with very specific intentions in mind.

The English language Arts program promotes the importance of reading and production to develop personal interests, as well as for learning and pleasure; the use of technology in reading and producing texts; enrichment in problem-solving strategy and formal occasions for self-evaluation as a means for students to monitor their progress, reflect on their learning and establish future learning goals.

Talk is central to individual and social processes of making meaning, as students learn to extend their views, opinions, preferences and knowledge in dialogue with the teacher and their peers. Varied opportunities to use talk to learn and to communicate reinforce the sense of community in the classroom, and the importance of exchanges with peers and teacher to the development of students' literacy.

The English Language Arts program is meant to provide:

- Opportunities for students to work both individually and collaboratively
- Regular and sustained periods for students to read and produce texts for pleasure and to learn
- Opportunities for students to work in situations that integrate aspects of all three competencies
- Opportunities for students to read and produce a balance of spoken, written and media texts
- Access to texts that reflect and expand personal interests and preferences
- Student choice regarding projects, activities, and the topics/subjects for reading and production
- Regular opportunities and time for students to reflect on literacy and learning and to self-evaluate

### **English Language Arts**

MEES Code 632406  
6 credits – Secondary IV

The Secondary IV English program develops the students' competencies in oral communication, reading and writing and critical viewing. Students will read novels, plays, and short stories in some depth, attempting to interpret texts for underlying meaning. Discussion of characters, themes, and plot is important. Poetry is read, discussed, and written. Shakespeare is read in some Secondary IV classes.

Students will continue to develop their creative and expository writing skills. They will become more familiar with essay writing and research. Oral competency is developed through spontaneous and planned class presentations and speeches.

## ***French Second Language***

### **Français de Base**

MEES Code 634404  
4 credits – Secondary IV

All levels follow the new program as outlined by the MEES. Every student will be issued a textbook, and we strongly recommend the purchase and use of a “Bescherelle” for verbs, and a French-English dictionary.

The goal and design of this French program at the Secondary IV level is to improve oral skills, and to encourage reading correctly, writing properly, and having a better understanding in French.

634-410 Interaction orale 40 %  
634-420 Compréhension orale et écrite 30 %  
634-430 Production écrite 30 %

### **Français Enrichi**

MEES Code 635406  
6 credits – Secondary IV

**Prerequisite: Teacher recommendation.**

As per the specifications outlined by the MEES, this FLS course will focus more on various types of French literary works and will immerse the students in more extensive grammar. Every student will be issued a textbook, and we strongly recommend the purchase and use of a “Bescherelle” for verbs, and a French-English dictionary.

635-410 Interaction orale 33 %  
635-420 Compréhension orale et écrite 34 %  
635-430 Production écrite 33 %

## ***Mathematics***

### **Mathematics 414 - Cultural, Social and Technical Option (CST)**

MEES Code 563414  
4 credits – Secondary IV

**Prerequisite: 60% minimum in Math 306**

This course is designed for students who are heading towards professional training, technical and trade programs, as well as pre-university programs in Arts and some Social Science programs. Emphasis will be on performing tasks, interpreting the results and applying them to real life situations.

The course includes: Algebra, Statistics, Probability, and Geometry.

- The Algebra section covers two variable linear inequalities, properties of functions, various functions, and systems of linear equations.
- The Statistics section covers single variable distributions, percentiles, and mean deviation as well as two variable distributions through linear correlation. Students will also construct tables and graphs to illustrate and aid interpretation of data.
- The Geometry section covers analytic geometry, isometric and similar triangles and trigonometry.

**Prerequisite: A minimum of 70% in gr 9 Math, and teacher recommendation**

This course is designed for students who are heading toward technical programs in many fields at CEGEP as well as pre-university programs in technologies and sciences. Emphasis will be on not only performing tasks but on abstract theorizing, origins and functionality of certain phenomenon, research procedures and subject matters from the field of science.

The course includes: Algebra, Statistics, and Geometry:

- The Algebra section covers inequalities, greatest integer and quadratic functions, systems of linear and semi linear equations.
- The Statistics section covers correlation, regression and coefficient.
- The Geometry section covers equivalent figures, lines, distance and metric and trigonometric relations in triangles (sine, cosine, tangent, sine and cosine laws)

### ***Science***

**Science & Technology**MEES Code 555444  
4 credits – Secondary IV

This program helps students develop their scientific and technological literacy, enabling them to become active, critical and informed participants in debates on social issues, to use the products of science and technology responsibly and to take concrete, practical and innovative action in these areas. The central themes deal with elements of the environment (climate change, energy resources, drinking water, deforestation). The program integrates five scientific fields (astronomy, biology, chemistry, geology, and physics) and technology.

**Note:** Students who wish to take Chemistry and/or Physics Science options in Secondary V (Grade 11) required for CEGEP Health and Pure & Applied Science programs must also take the 4 credit option course in Environmental Science & Technology 558404 in the General Education Path.

### ***Social Studies***

**History of Quebec and Canada**MEES Code 587404  
4 credits – Secondary IV

The program is a study of the History of Quebec and Canada from its earliest settlements to the present. Included in this course is the growth of responsible government, Confederation, growth of autonomy and Canada's position in past and present world affairs.

The History of Quebec and Canada course is concerned with educational objectives dealing with knowledge, abilities, and attitudes. At the conclusion of the course, the students should:

- Understand the main political, social economic, cultural and religious factors which have shaped Quebec within the Canadian context
- Have developed intellectual skills useful in the historical approach
- Be aware of the diversity of social groups, and of the existence of interdependence and conflict
- Have developed the ability to analyze their personal values and those of their social milieu
- Have developed open and respectful attitudes toward values which are different from their own
- Have become aware of their role as citizens responsible for the future of the community

## ***Creative Arts Compulsory Courses – Required for Graduation***

### **Dance IV**

***Course Fee: TBD\****

Prerequisite: Secondary 3 Dance

MEES Code 672402

2 credits – Secondary IV

This course is designed to enable students to appreciate different types of dance. They will have an opportunity to perform & teach creative dances, as well as interpret nonverbal movements, and read simple choreography steps. Students will learn a variety of popular social dances. Dance clothing is required.

### **Drama IV**

***Course Fee: TBD\****

Prerequisite: Secondary 3 Drama

MEES Code 670402

2 credits – Secondary IV

Drama 4 continues the “Method” acting process. A textbook is introduced and 24 chapters of notes will be covered. There are terms as well as a final June evaluations. Term projects will be done during two of the three terms. By now, the students are familiar with stage terms, scripts, acting technique and the value of body & vocal warm-ups. Improvisations are at a more difficult level and are derived from what is learned in each chapter of the text. Criticism is an essential part of developing competence. Students work on improvisations and on memorized scenes that are performed at the end of each term. Students should also be auditioning for any acting parts available in school plays, concerts or in other classes.

### **Visual Art IV**

***Course Fee: TBD\****

Prerequisite: Secondary 3 Visual Art

MEES Code 668402

2 credits – Secondary IV

Students will explore a variety of art materials to create painted self-portraits, assemblages & collages, charcoal sketches, papier-mâché sculptures, origami, pastel illustrations... etc. Students may gain inspiration from artists throughout history, from the Neanderthal cave paintings to Andy Warhol's Pop Art. There is the possibility of field trips to visit Montreal Museums.

**\* All course and school fees are being reviewed by the current Ministry of Education and will be finalized at a later date.**

## ***Personal Development***

### **Physical Education**

MEES Code 543402

2 credits – Secondary IV

Physical Education is a compulsory course for all students as prescribed by the Department of Education. The course focuses on skill development in team and individual sports as well as basic knowledge and rules of the games. One's personal physical fitness will be stressed. Students must wear gym shorts, T-shirt, socks, and proper footwear. HSB gym wear is available for purchase.

Each term, students will be given a written test, a practical test and a fitness test. Tests will account for 60% of their physical education mark. The remaining 40% is based on overall effort, attitude and sportsmanship, participation, and conduct.

Permanent or long-term exemptions can be made for medical reasons. Temporary exemptions can be made for students who are medically unfit for a week or more. In both cases a note from the doctor must be brought in attesting to the condition and given to the Physical Education teacher who will turn them over to the Main Office. Short-term exemptions can be made for students who are unable to participate in Physical Education on a given day. A note from a parent or guardian stating the reason is necessary.

# Secondary IV Elective Courses

## Science Options

### **Environmental Science & Technology** *Course Fee: TBD\**

MEES Code 558404  
4 credits – Secondary IV

The program emphasizes scientific skills and citizenship, paying special attention to the development of students' critical judgment. This course will address addition concepts, methods and attitudes dealt with in the Science & Technology course. It also includes the issues of energy, residual materials and food production.

**NOTE: This course is a prerequisite for Chemistry & Physics options offered in grade 11 and must be taken together with the regular Science and Technology 404 course. Teacher recommendation required.**

### **Special Topics in Biology** *Course Fee: TBD\**

MEES Code TBD  
4 credits – Secondary IV

Does life already exist on another planet? Should humans try to live on another planet? Will Artificial Intelligence ever be considered alive? Where are the X-Men? To answer these questions we will need to define what is alive and what is not. This course will explore these topics and many others including Measels & Zombies: Epidemics, Game Theory, The Matrix: Are humans a virus? Please be prepared to read scientific publications, research, debate and present your own questions.

### **Computer Environment** *Course Fee: TBD\**

MEES Code 611444  
4 credits – Secondary IV

This course aims to expand the students' knowledge in regards to computers and the integral role that they play in today's world. Various programs currently available to the general public will be explored to provide students in possible new tools to manage their everyday needs.

## Life-Skills and English Language Arts Options

### **Film Studies "Movies are stories too!"** *Course Fee: TBD\**

MEES Code 630464  
4 credits – Secondary IV

The purpose of this course is to introduce students to the art of filmmaking. You will be exposed to the basic elements of producing a variety of different cinematic forms, including, but not limited to: computer generated animation, stop-motion animation, drama and suspense. You will also be introduced to the basic concepts of screenplay writing, storyboarding, sound, lighting, filming and editing. This will be done through both film analysis and hands-on experience. No special equipment is required.

### **Home Economics** *Course Fee: TBD\**

MEES Code 620464  
4 credits – Secondary IV

Foods, the focus will be on different kitchen and food safety, healthy food choices and measurement. Students will be responsible for both seat work and lab work. Kitchen work will comprise of cooking as well as the cleaning of supplies used. Students may only take this course once during their school years.

**Journalism**  
**Course Fee: TBD\***

MEES Code 630474  
4 credits - Secondary IV

Writing, photography, editing skills, and news viewing will serve as the basis for this course. The course will allow you to cover community stories in Chateauguay and Kahnawake, in addition to highlighting the diverse activities at Billings, and observing news events on the international stage. You will learn how to find reliable Internet sources and how to write opinion pieces and entertainment reviews, as well as discuss the importance of ethical journalism in a free society.

You will participate in many aspects of newsroom setting, such as brainstorming and choosing topics you wish to write about, conducting thorough research, and preparing for and conducting interviews. This course will help you to develop skills in writing, editing, public relations, debating, and problem solving. It will also be useful to those considering a career in communications, public affairs, business, and management, among others.

**Physical Education Options**

**Study of Sport**  
**Course Fee: TBD\***

MEES Code 546444  
4 credits – Secondary IV

Prerequisite: Successful completion of Grade 9 Phys. Ed. & teacher approval

A study of sport is a complimentary course with an emphasis on physical activity and the research and study of both professional and amateur sports and athletes. Students will be expected to come to class prepared to participate in indoor and outdoor activities in a wide variety of settings and venues. The class will feature traditional sporting activities as well as outdoor educational activities. There will be a small cost for activities that require use of non-school facilities.

**Soccer**  
**Course Fee: TBD\***

MEES Code 548444  
4 credits – Secondary IV

Prerequisite: Successful completion of Grade 9 Phys. Ed. & teacher approval

This course will introduce students to the sport of Soccer / Futsal and provide the opportunity to develop the necessary skills needed to play the game of soccer. Individual techniques, offensive and defensive team tactics, and game strategies in drills will be covered. The skills will be practiced in the gymnasium.

**Creative Arts Options**

**Sketching / Art IV**  
**Course Fee: TBD\***

MEES Code 668404  
4 credits - Secondary IV

Explore and discover fundamental drawing, sketching, and painting techniques. You will learn the nature of line, space, color, composition, and form using charcoal, pen, ink, pastels, and paint. This elective features studio work and outdoor sketching.

**Mixed Music**  
**Course Fee: TBD\***

MEES Code TBA  
4 credits - Secondary IV

Students will have an opportunity to discover/explore/pursue/develop the following aspects of music: voice, drum line, rock band, piano, concert band instruments, composition, and recording.

Students will be expected to learn music theory/notation and the history of musical eras. Students will be required to practice outside of class and put on performances for various events throughout the year. *Students wishing to play a rock band instrument must provide their own guitar/bass and amp.*

**\* All course and school fees are being reviewed by the current Ministry of Education and will be finalized at a later date.**