

Department	Current Information	Proposed Changes
ELA	<a href="#">English Program</a>	<p><b><u>Cycle 1:</u></b> The Cycle 1 English program develops a culture of excellence in a nurturing environment for secondary 1 and 2 students, providing them with a solid foundation and confidence in pursuit of a high school diploma and more. The Cycle 1 program allows students to stretch their boundaries while developing competency in Language Arts, Social Sciences and Study Skills while engaging in project-based cross-curricular activities. Cycle 1 prepares students to understand their place in our global society.</p> <p><b><u>Cycle 2:</u></b> Cycle 2 English classes read, learn to appreciate and analyze many different genres including but not limited to novels, plays, poetry, short stories, and articles. Students learn to write different forms of essays, do some creative writing as well as response writing. We cover all 3 competencies (talking, reading and writing) each term.</p> <p><b><u>AP Program:</u></b> The AP Literature and Composition course is designed to engage students in the careful reading and critical analysis of many different pieces of literature. Through the close reading of selected texts, students can deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. AP Literature and Composition is offered to grade 11 students and is designed to be a college/university level course. Students who earn a grade of 3, 4 or 5 will be provided with college credits at most colleges and universities around the world. We read and analyze many challenging texts and write several essays each month in preparation for both the AP exam that is given each May as well as future college English classes.</p> <p><b>MEES Leaving Exam:</b> Secondary 5</p>
Français	<a href="#">French Program</a>	<p><b><u>Cycle 1 FSL:</u></b> Les cours de français, langue seconde, à Westmount High encouragent les élèves à développer des compétences langagières étudiées au primaire bien au-delà de la communication orale.</p> <p>Pendant leurs deux premières années au secondaire, les élèves continuent à parfaire leurs connaissances en lisant, en écoutant et en écrivant différents types de textes dont les textes descriptifs, explicatifs et narratifs. Les notions grammaticales ainsi que le</p>

vocabulaire sont intégrés dans chaque unité des cahiers d'activités de français et s'articulent autour d'un thème spécifique. En outre, on encourage les jeunes à démontrer les connaissances acquises à travers la création de saynètes, d'interviews, de bandes sonores ou de vidéos sur les thèmes qui les intéressent : les super héros, le sport, les pays de la francophonie, les légendes et contes francophones et québécois plus spécifiquement.

**Cycle 1 Immersion:**

Les élèves inscrits dans le programme de français immersion au premier cycle suivront la majorité de leurs cours en français. En plus du cours de français langue maternelle (FLM), mentionnons les cours suivants : histoire, géographie, science et technologie, méthodes d'apprentissage et éthique et culture religieuse.

Pour ce qui est du cours de FLM, les élèves seront amenés à lire 4 romans par année, à perfectionner leur compétence à écrire divers types de textes ainsi qu'à communiquer efficacement en français. L'élève développera ainsi son appartenance à la culture et à la langue française.

**Cycle 2 FSL:**

Au 2<sup>e</sup> cycle du secondaire, les élèves doivent être capables de s'exprimer correctement dans des situations de la vie courante. Ils découvrent la vie culturelle du Québec et de la francophonie à travers les films, les extraits de pièces de théâtre et les chansons d'artistes de la francophonie. En secondaires 4 et 5, tous les élèves sont appelés à faire des discussions spontanées sur divers thèmes, tirés des nouvelles locales, nationales et internationales. Enfin, ils doivent démontrer une certaine compétence à l'écriture en rédigeant des textes incitatifs à l'examen de fin d'études en secondaire 5.

**Cycle 2 Immersion:**

Au 2<sup>e</sup> cycle, les élèves vont poursuivre leur développement et leur perfectionnement de la langue française, notamment en science et technologie, en histoire, en éthique et culture religieuse, en monde contemporain et éducation financière et dans le cours de français langue maternelle.

Ainsi, le cours de FLM au 2 cycle, se démarque par sa rigueur, par sa qualité du français écrit et parlé et par sa longue tradition de sorties culturelles dans les salles de théâtre et de cinéma. Les choix de romans et de pièces de théâtre (4 pour chaque année du secondaire) sensibilisent les jeunes sur des réalités historiques et culturelles à travers le monde. Finalement, le programme de français enrichi Advanced Placement (AP) introduit les élèves à la littérature de la francophonie dans toute sa richesse et sa splendeur.

**AP:**

L'objectif du cours AP French (langue et culture) est de préparer les élèves adéquatement à l'examen et de leur permettre de perfectionner leurs connaissances en français, afin qu'ils puissent continuer à développer les compétences pour communiquer efficacement, lire et écrire une variété de textes, et ce, dans un temps limité.

Les élèves pourront aussi avoir une compréhension approfondie de la culture francophone, en lisant et en analysant divers extraits et œuvres du Québec, de la France ainsi que de l'Afrique francophone.

De nombreux élèves ont relevé ce défi avec succès, en recevant un résultat de 3, 4 ou 5 et la majorité d'entre eux ont pu obtenir des cours crédités, que ce soit au niveau collégial ou universitaire

**MEES Leaving Exam: Secondary 5**

<p><b>Math</b></p>	<p><a href="#"><u>Math Program</u></a></p>	<p><b><u>Cycle 1:</u></b></p> <p>Students review and expand upon concepts including integers, fractions, decimals, percentages, lines and angles and are introduced to beginner algebra. Students approach math learning interactively using a variety of projects and learning evaluation situations. Students taking the pre-AP course learn the grade 7 and 8 curriculum in grade 7. More information on pre-AP and AP math courses can be found below.</p> <p><b><u>Cycle 2:</u></b></p> <p><b>Secondary 3:</b></p> <p><b>Pre-AP Science Math Stream:</b> The science option is intended for students who seek to understand the origins of different phenomena and how they work, as well as to explain them and make decisions that pertain to them. Students who choose this option develop strategies and acquire an academic background that enables them to pursue their studies in the sciences or perhaps eventually specialize in research. This is an accredited course that will appear on the student's transcript. <i>Prerequisite: 75% or higher in grade 9 math</i></p> <p><b>Secondary 4:</b></p> <p><b>CST (Cultural/Scientific/Technical):</b> This option is intended for students who like to design objects and activities, develop projects or participate in making them or carrying them out. This course involves a greater use of statics and discrete mathematics. The program is ideal for students pursuing careers in the Arts, Communications, Business Marketing and the Social Sciences.</p> <p><b>SN (Science Math):</b> The science option is intended for students who seek to understand the origin of different phenomena and how they work, as well as to explain them and make decisions that pertain to them. Students who choose this option develop strategies and acquire an academic background that enables them to pursue their studies in the sciences or perhaps eventually specialize in research.</p> <p><b><u>Secondary 5</u></b></p>
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		<p><b>AP Calculus:</b> The AP Calculus program emphasizes a multi-representational approach to calculus with concepts, results and problems being expressed graphically, numerically, analytically and verbally. The connections among these representations are also important. Through the use of the unifying themes of derivatives, integrals, limits, approximation, applications and modeling, the course becomes a cohesive whole rather than a collection of unrelated topics (AP Calculus description from the College Board)</p> <p><b><u>Pre-AP and AP Program:</u></b>  The Pre-AP and AP math program at WHS offers an opportunity for students to advance their understanding of mathematics. Students learn and acquire post-secondary mathematics skills in addition to the provincial high school math program. This program is designed for students who display an active interest in math and are willing to work hard. Success in the program depends not only on a student's ability and prior preparation but also on the amount of devoted time and sustained effort of each student. Students enter the program based on Grade 7 diagnostic testing and/or teacher recommendation.</p> <p>At the end of Cycle 2 (Secondary 5) students are encouraged to apply their hard work and dedication by taking the AP exam and obtaining university level credits. The AP Calculus math exam is written in May of each year. For the past decade, our students have achieved a success rate of 90% or higher on the exam, with a success rate of 100% in the year of 2019.</p> <p><b>MEES Leaving Exam:</b> Secondary 4</p>
<p><b>Science and Technology</b></p>	<p><a href="#"><u>Science and Technology Program</u></a></p>	<p><b><u>Cycle 1:</u></b>  The Science and Technology program for Secondary Cycle One is aimed at developing the students' scientific and technological literacy. In grade 7 and 8, students learn about a variety of subjects that are all encompassed in 4 Worlds: the Material World, the Living World, Earth and Space and Technology. The topics covered are all basic concepts in science, such as mass, volume, species, phases of the Moon, etc. Students have 4 periods of science in a cycle of 9 days and there are two competencies: theory (tests, quizzes, assignments) and practical (labs, projects and other more hands-on assignments).</p>

**Cycle 2:**

**Consumer Science:** *Offered in Secondary 3*

The Consumer Sciences program is a social science course that allows students to gain knowledge in the following areas: 1) building a strong employment profile: career exploration;

2) preparation for independence: including personal finances, nutrition, cooking, food safety, and home and time management;

3) consumer awareness;

4) intra- and inter-personal relations: the individual as part of a community, hospitality and conflict-resolution;

5) as well as many other practical skills that will allow students to learn about how they learn and foster independence, healthy living and critical thinking skills.

**Pre-AP Environmental Science:** *Offered in Secondary 4*

The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyse environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, as well as to examine alternative solutions for resolving or preventing them. The AP Environmental Science course is designed to be the equivalent of an introductory college course in environmental science. At WHS, the entire AP Environmental Science course will be delivered over two years. This is the first of the two years, and the AP exam will be offered in May of the Sec IV (second) year. *Successful completion of part 1 of this course is required for enrollment in part 2 next year.*

**Environmental Science and Technology:** *Offered in Secondary 4*

In this program, the concept of environment refers to a set of elements in a community that interact with one another and with a group of living organisms. Thus, there is not only one

environment but many, defined by their component element, their spatial and temporal boundaries, the types of living organisms that live there, and the types of relationships between them. The different elements of the environment as well as the impact of science and technology are the subject of scientific study in this course. A particular emphasis is placed on citizenship and scientific skills.

**Prerequisites:** *Math and science grades 75% or better and final approval by administration*

**Co-requisites:** *Science & Tech. 444 and SN Math 565-426*

**AP Environment and Technology:** *Offered in Secondary 4*

This is a continuation of the pre-AP Environmental Science and Technology elective course at the grade 9 level. In this program, students study the same material as in the regular Environmental Science program and in addition, students are prepared to write the AP Environmental Science exam in May where they can earn college or university credit while still in high school.

**Prerequisites and corequisites:** *Same as for Environmental Science & Technology + students must have completed year one of the program.*

**Chemistry:** *Offered in Secondary 5*

This science option focuses on the QEP and the development of student's competencies rather than emphasizing the attainment of specific disciplinary knowledge. Students are evaluated on their attainment of competencies through an assessment based on real-life situations. Through an experimental approach, students develop a sense of environmental issues while acquiring an understanding of the relationships between science, technology and society. This course is a one-year pre-collegial program designed for those wishing to enter CEGEP in Pure and Applied or Health Science programs.

**Prerequisites:** *75% or better in Environmental Science or APES 558-404 and Science Math 565-426*

**Co-requisites:** *Physics 553-504 and Science Math 565-506 or AP Calculus AB*

**Physics:** *Offered in Secondary 5*

		<p>This science option focuses on the QEP and the development of student's competencies rather than emphasizing the attainment of specific disciplinary knowledge. Students are evaluated on their attainment of competencies through an assessment based on real-life situations. Through an experimental approach, students develop a sense of environmental issues while acquiring an understanding of the relationships between science, technology and society. This course is a one-year pre-collegial program designed for those wishing to enter CEGEP in Pure and Applied or Health Science programs.</p> <p><b>Prerequisites:</b> 75% or better in <i>Environmental Science or APES 558-404 and Science Math 565-426</i></p> <p><b>Co-requisites:</b> <i>Chemistry 551-504 and Science Math 565-506 or AP Calculus AB</i></p> <p><b>Biology:</b> <i>Offered in Secondary 5</i></p> <p>The objective of this course is to expose students to the history, diversity and function of the living things with whom we share this planet. The study includes laboratory activities, field-trips and research that will promote scientific thought and procedure and steer students towards a greater understanding of the living world. This course is ideal for students pursuing CEGEP programs in either the Social Sciences or Health Science related programs in CEGEP.</p> <p><b>Prerequisite:</b> <i>60% or better in Sec. 4 Science &amp; Technology or equivalent</i></p>
<p><b>Ethics and Religious Culture</b></p>	<p><a href="#"><u>ERC Program</u></a></p>	<p><b>Ethics and Religious Culture:</b> <i>This course is taken in Secondary 1,2, 4 and 5</i></p> <p>The goal of the Ethics and Religious Culture department is to prepare students to understand, contribute and succeed in a rapidly changing and diverse society. Students are encouraged to gain valuable knowledge and skills that will shape them into active thinkers, religion-literate citizens who are able to discuss and debate with purpose and respect. We strive to help all our students become active agents of change.</p>
<p><b>Arts</b></p>	<p><a href="#"><u>Arts Program</u></a></p>	<p><i>*Students are required to take the same arts elective throughout Cycle 1, meaning for both their grade 7 and 8 years. A switch may only be made with teacher recommendation and special permission from the administration.</i></p> <p><b>Music:</b> <i>Offered from Secondary 1 to 5. Students joining after Secondary 1 must be granted</i></p>

*permission from the music department.*

Students play a woodwind, brass, or rhythm section instrument in a cohesive ensemble. As performing musicians, WHS students play a variety of classical and contemporary pieces. Band members improvise in addition to reading notation, and create their own composition in a variety of genres. Musicians have a great deal of input into the selection of class material. Performance opportunities may include school assemblies, intra-mural festivals and competitions, acoustic nights, and many others.

**Art:** *Offered from Secondary 1 to 5.*

**Media Arts and Woodworking:** *Offered in Secondary 4*

This course offers students the opportunity to become familiar with the vocational training sectors, particularly in the wood, pulp and paper industry, and the job market for these trades and occupations. This course provides an introduction to woodworking and is ideal for the student who wishes to learn how to design, implement and produce projects using wood and wood related materials. The course is semestered and students also receive instruction in media arts, including photography and 2D and 3D art techniques. Students can use their creativity to express themselves in various media.

**AP Visual Arts:** *Offered in Secondary 4 and 5*

The purpose of this course is to expose students to various elements and modalities used in the field of visual arts. By engaging in hands-on tasks of creating and appreciating the various art forms, students will deepen their awareness and knowledge of the world of art and value its contribution. Students begin to assemble portfolio pieces that may be used to create a comprehensive portfolio for AP Studio Art in Secondary 5. Options include: Drawing, two-dimensional and three-dimensional portfolios.

*Prerequisite: Permission by the Art Department*

**Drama:** *Offered from Secondary 1 to Secondary 5*

		<p>The goal of this course is to investigate, challenge and express your creative side in drama. Students are introduced to several theatrical performances and learn how to interpret them as a writer, actor and reader. The focus will be on <i>how</i> the students express, develop and formulate their ideas, <i>not</i>, whether their ideas are correct or incorrect. Students will be evaluated not only through class activities, but also by the process that they will take to obtain their goals in the class. For example: skits that are produced will be evaluated by not just the performance, but by the effort made in the group, its creativity, proper use of rehearsal time, use of class time and so on. Students will also delve into a play in order to learn how to use theatre as a tool for social change through acting, performing and writing.</p>
<p>Physical Education</p>	<p><a href="#"><u>Physical Education Program</u></a></p>	<p><b>Cycle 1:</b> <b>Cycle 2:</b></p> <p>Leadership Community Action: <b><i>Offered in Secondary 5</i></b> Leadership aims to provide students with the knowledge, practical experience and skills required to be able to organize, lead and support school and community activities. Leadership Community Action enhances one’s “leadership abilities” and “life skills” through a number of different ways. Leadership students play an integral role at WHS by becoming involved with the Athletics Department, the Mackay Centre, Terry Fox Walk and Roll, Student Council initiated school-wide activities, School Assemblies and much more! CPR certification is also part of the curriculum. Leadership is an active, hands-on course filled with unforgettable moments where students gain skills that will change their lives forever. Students must be prepared to get up on stage, participate in before- or after-school activities, and take on a leadership role in the school. The instructor and administration reserve the right to remove a student from this course for breach of the code of conduct. <b><i>Prerequisite:</i></b> <i>Students must sign and submit a Leadership Contract with their course selection form.</i></p>

<b>Resource</b>	<a href="#"><u>Resource</u></a>	<p>Westmount High School has a team of resource teachers and child care workers who work together to provide our students with the support they need. The program is designed to help students within the classroom and ensure students the services they are entitled to. Each year, in conjunction with teachers, individualized education plans (IEP's) are created and updated for students.</p> <p>Our resource centre (STEP 122) is a space designed for students who are in need of extra help, whether they are falling behind, having trouble studying or have homework questions. Our team organizes small group sessions, helps with social and emotional learning and helps students track their homework through the use of their agenda. These are just a few of the services offered through our resource department at Westmount High School.</p>
<b>Social Science</b>	<a href="#"><u>Social Science</u></a>	<p><b><u>Cycle 1:</u></b></p> <p>In their CORE class, students at Westmount High study geography in Secondary 1 and history in Secondary 2. They have the unique opportunity to take these courses with their English and Study Skills teacher. In the case of French Immersion, students take their géographie and histoire courses with their French teacher.</p> <p>The geography course is designed to help students understand the organization of territories, interpreting territorial issues and constructing a consciousness of global citizenship. Topics include energy, tourism, exploitation of forests, environments at risk and others.</p> <p>The history course is designed to help students to develop their understanding of the present while examining the past. The curriculum prepares them to participate as informed citizens in a global and pluralistic society. Students have the chance to study Ancient Civilizations up until the Industrial Revolution.</p> <p><b><u>Cycle 2:</u></b></p> <p><b><u>Secondary 3 and 4:</u></b>  The <u>History of Québec and Canada</u> is a course taken by all Secondary 3 and 4 students. The course is offered in English and French depending on your child's program. It is taught</p>

chronologically over a two-year period. Secondary 3 focuses on the study of periods and phenomena from the origins of the history of Québec and Canada to 1840. Secondary 4 covers the period of 1840 to present day. This course culminates in the MEES uniform exam that is taken by all students and must be passed in order to graduate from high school

**Sec 5 Contemporary World:**

This course is taken by all Secondary 5 students and is paired with their financial literacy course. The course is offered in English and French depending on your child's program. The course focuses on contemporary world issues and 20th century history. Themes that are covered include population, wealth, tension and conflict.

**Sec 5 Financial Education:**

This course is taken by all Secondary 5 students and is paired with their Contemporary World course. The course is offered in English and French depending on your child's program. Financial Education prepares students to manage their personal finances and helps them make informed choices. It promotes responsible behaviour and the development of sound judgement. Themes covered include: consuming goods and services, entering the workforce and pursuing an education.

**AP Psychology:**

AP Psychology explores a broad range of topics from brain physiology to social behavior. Over the course of a year, students immerse themselves in scientific findings and begin to understand and think critically about the complexities of human behavior. Students can earn advanced credit by writing the AP exam in May.

**AP Philosophy:** This course exposes students to a wide range of big questions in philosophy, encouraging them to think critically about various answers proposed by different philosophers. Students can earn advanced credit by writing the AP exam in May.

**AP Comparative Politics:** Comparative Government and Politics is an option open to all students in the Secondary 5 Contemporary World course. Students become experts in the government and politics of the following six countries: China, Iran, Mexico, Nigeria, Russia and the United Kingdom. Students can earn advanced credit by writing the AP exam in May.

		<b>MEES Leaving Exam: Secondary 4, History of Quebec and Canada</b>
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