

Grade 9 Courses

Select one of each of the following compulsory courses:

- ✓ English
- ✓ Canadian Geography
- ✓ Mathematics
- ✓ Science
- ✓ Health & Physical Education
- ✓ French

and 2 electives chosen from the Arts, Business and Technology

Arts

Drama

ADA101 Dramatic Arts

This course provides opportunities for students to explore dramatic forms and techniques, using material from a wide range of sources and cultures. Students will use the elements of drama to examine situations and issues that are relevant to their lives. Students will create, perform, discuss, and analyse drama, and then reflect on the experiences to develop an understanding of themselves, the art form, and the world around them.

CREDIT: 1 **TYPE:** Open **GRADE:** 9

Integrated Arts

ALC201 Integrated Arts

This course integrates two or more of the arts (dance, drama, media arts, music, and visual arts), giving students the opportunity to produce and present integrated art works created individually or collaboratively. Students will demonstrate innovation as they learn and apply concepts, styles, and conventions unique to the various arts and acquire skills that are transferable beyond the classroom. Students will use the creative process and responsible practices to explore solutions to integrated arts challenges. This course is designed for students who would prefer a general exposure to the arts.

CREDIT: 1 **TYPE:** Open **GRADE:** 10

Music

AMI101 Instrumental Music - Experienced

This course emphasizes the performance of music at a level that strikes a balance between challenge and skill and is aimed at developing technique, sensitivity, and imagination. Students will participate in creative activities that teach them to listen with understanding. They will also learn correct musical terminology and its appropriate use.

CREDIT: 1 **TYPE:** Open **GRADE:** 9

AMI10N Instrumental Music - Beginner

This course emphasizes the performance of music at a level that strikes a balance between challenge and skill and is aimed at developing technique, sensitivity, and imagination. Students will participate in creative activities that teach them to listen with understanding. They will also learn correct musical terminology and its appropriate use.

CREDIT: 1 **TYPE:** Open **GRADE:** 9

Visual Arts

AVI101 Visual Arts

This course is exploratory in nature, offering an overview of visual arts as a foundation for further study. Students will become familiar with the elements and principles of design and the expressive qualities of various materials by using a range of media, processes, techniques, and styles. Students will use the creative and critical analysis processes and will interpret art within a personal, contemporary, and historical context.

CREDIT: 1 **TYPE:** Open **GRADE:** 9

Business

BTT101 Information and Communication Technology in Business

This course introduces students to information and communication technology in a business environment and builds a foundation of digital literacy skills necessary for success in a technologically driven society. Students will develop word processing, spreadsheet, database, desktop publishing, presentation software, and website design skills. Throughout the course, there is an emphasis on digital literacy, effective electronic research and communication skills, and current issues related to the impact of information and communication technology. Students will be able to transfer the skills and understanding acquired in this course to activities in other courses and outside the classroom.

CREDIT: 1 **TYPE:** Open **GRADE:** 9

Canadian and World Studies

Geography

CGC1D1 Geography of Canada

This course explores Canada's distinct and changing character and the geographic systems and relationships that shape it. Students will investigate the interactions of natural and human systems within Canada, as well as Canada's economic, cultural, and environmental connections to other countries. Students will use a variety of geotechnologies and inquiry and communication methods to analyse and evaluate geographic issues and present their findings.

CREDIT: 1 **TYPE:** Academic **GRADE:** 9

CGC1P1 Geography of Canada

This course focuses on geographic issues that affect Canadians today. Students will draw on personal and everyday experiences as they learn about Canada's distinct and changing character and the natural and human systems and global influences that shape the country. Students will use a variety of geotechnologies and inquiry and communication methods to examine practical geographic questions and communicate their findings.

CREDIT: 1 **TYPE:** Applied **GRADE:** 9

CGC1PN Geography of Canada, Accommodated

This course focuses on geographic issues that affect Canadians today. Students will draw on personal and everyday experiences as they learn about Canada's distinct and changing character and the natural and human systems and global influences that shape the country. Students will use a variety of geotechnologies and inquiry and communication methods to examine practical geographic questions and communicate their findings. This section of Applied Canadian Geography is run with a smaller than typical class size and additional academic supports and accommodations for students with special needs. Recommended for students enrolled in essential level English and Math. Admission with principal's discretion.

CREDIT: 1 **TYPE:** Applied **GRADE:** 9

English

ENG1D1 English - Grade 9 Academic

This course is designed to develop the oral communication, reading, writing, and media literacy skills that students need for success in their secondary school academic programs and in their daily lives. Students will analyse literary texts from contemporary and historical periods, interpret informational and graphic texts, and create oral, written, and media texts in a variety of forms. An important focus will be on the use of strategies that contribute to effective communication. The course is intended to prepare students for the Grade 10 academic English course, which leads to university or college preparation courses in Grades 11 and 12.

CREDIT: 1 **TYPE:** Academic **GRADE:** 9

ENG1DA English - Grade 9 Enriched

This course is designed to develop the oral communication, reading, writing, and media literacy skills that students need for success in their secondary school academic programs and in their daily lives. Students will analyse literary texts from contemporary and historical periods, interpret informational and graphic texts, and create oral, written, and media texts in a variety of forms. An important focus will be on the use of strategies that contribute to effective communication. The course is intended to prepare students for the Grade 10 academic English course, which leads to university or college preparation courses in Grades 11 and 12.

COURSE NOTE: 80% in grade 8 English and/or the recommendation of the grade 8 teacher is required.

CREDIT: 1 **TYPE:** Enriched Courses **GRADE:** 9

ENG1L1 English - Grade 9 Locally Developed

This course prepares students for Grade 10 Locally-developed English (ENG2L). It provides foundational literacy and communication skills to students for success in their daily lives and in the workplace. The course is organized by strands that develop listening and talking skills, reading and viewing skills, and writing skills. In all strands, the focus is on developing foundational literacy skills and in using language clearly and accurately in a variety of authentic contexts. Students reflect regularly upon their growth in these areas.

CREDIT: 1 **TYPE:** Locally Developed **GRADE:** 9

ENG1P1 English - Grade 9 Applied

This course is designed to develop the key oral communication, reading, writing, and media literacy skills students need for success in secondary school and daily life. Students will read, interpret, and create a variety of informational, literary, and graphic texts. An important focus will be on identifying and using appropriate strategies and processes to improve students' comprehension of texts and to help them communicate clearly and effectively. The course is intended to prepare students for the Grade 10 applied English course, which leads to college or workplace preparation courses in Grades 11 and 12.

CREDIT: 1 **TYPE:** Applied **GRADE:** 9

Health and Physical Education

PPL1OB Healthy Active Living Education - Grade 9 Male

This course emphasizes regular participation in a variety of enjoyable physical activities that promote lifelong healthy active living. Students will learn movement skills and principles, ways

to improve personal fitness and physical competence, and safety and injury prevention. They will investigate issues related to healthy sexuality and the use and abuse of alcohol, tobacco, and other drugs, and will participate in activities designed to develop goal-setting, communication, and social skills.

CREDIT: 1 **TYPE:** Open **GRADE:** 9

PPL10G Healthy Active Living Education - Grade 9 Female

This course emphasizes regular participation in a variety of enjoyable physical activities that promote lifelong healthy active living. Students will learn movement skills and principles, ways to improve personal fitness and physical competence, and safety and injury prevention. They will investigate issues related to healthy sexuality and the use and abuse of alcohol, tobacco, and other drugs, and will participate in activities designed to develop goal-setting, communication, and social skills.

CREDIT: 1 **TYPE:** Open **GRADE:** 9

Languages - Moderns

French

FSF1D1 Core French - Grade 9 Academic

This course emphasizes the further development of oral communication, reading, and writing skills. Students will build on and apply their knowledge of French while exploring a variety of themes, such as relationships, social trends, and careers. Thematic readings, which include a selection of short stories, articles, and poems, will serve as stepping stones to oral and written activities.

CREDIT: 1 **TYPE:** Academic **GRADE:** 9

FSF1P1 Core French - Grade 9 Applied

This course emphasizes the concurrent development of oral communication, reading, and writing skills, using a broad-based theme such as the media. Students will enhance their ability to understand and speak French through conversations, discussions, and presentations. They will also read short stories, articles, poems, and songs, and write brief descriptions, letters, dialogues, and invitations.

CREDIT: 1 **TYPE:** Applied **GRADE:** 9

Mathematics

MAT1L1 Mathematics - Grade 9 Locally Developed

This course focuses on the knowledge and skills required to be well prepared for success in the Grade 10 Locally-developed Mathematics (MAT2L). It will support students in developing and enhancing strategies that they need to develop mathematical literacy skills and the confidence to use these skills in their day-to-day lives. The areas of Money Sense, Measurement and Proportional Reasoning form the basis of the course content.

CREDIT: 1 **TYPE:** Locally Developed **GRADE:** 9

MFM1P1 Foundations of Mathematics - Grade 9 Applied

This course enables students to develop an understanding of mathematical concepts related to introductory algebra, proportional reasoning, and measurement and geometry through investigation, the effective use of technology, and hands-on activities. Students will investigate real-life examples to develop various representations of linear relations, and will determine the connections between the representations. They will also explore certain relationships that emerge from the measurement of three-dimensional figures and two-

dimensional shapes. Students will consolidate their mathematical skills as they solve problems and communicate their thinking.

COURSE NOTE: Students are required to write the EQAO provincial test at semester end.

CREDIT: 1 **TYPE:** Applied **GRADE:** 9

MPM1D1 Principles of Mathematics - Grade 9 Academic

This course enables students to develop an understanding of mathematical concepts related to algebra, analytic geometry, and measurement and geometry through investigation, the effective use of technology, and abstract reasoning. Students will investigate relationships, which they will then generalize as equations of lines, and will determine the connections between different representations of a linear relation. They will also explore relationships that emerge from the measurement of three-dimensional figures and two-dimensional shapes. Students will reason mathematically and communicate their thinking as they solve multi-step problems.

COURSE NOTE: Students are required to write the EQAO provincial test at semester end.

CREDIT: 1 **TYPE:** Academic **GRADE:** 9

MPM1DA Principles of Mathematics - Grade 9 Enriched

This course enables students to develop an understanding of mathematical concepts related to algebra, analytic geometry, and measurement and geometry through investigation, the effective use of technology, and abstract reasoning. Students will investigate relationships, which they will then generalize as equations of lines, and will determine the connections between different representations of a linear relation. They will also explore relationships that emerge from the measurement of three-dimensional figures and two-dimensional shapes. Students will reason mathematically and communicate their thinking as they solve multi-step problems.

COURSE NOTE: 85% in grade 8 mathematics and/or the recommendation of the grade 8 teacher is required.

Students enrolled in MPM1DA will participate in the Waterloo Math Contest in February.

Students are required to write the EQAO provincial test towards the end of the semester.

CREDIT: 1 **TYPE:** Enriched Courses **GRADE:** 9

Science

SNC1D1 Science - Grade 9 Academic

This course enables students to develop their understanding of basic concepts in biology, chemistry, earth and space science, and physics, and to relate science to technology, society, and the environment. Throughout the course, students will develop their skills in the processes of scientific investigation. Students will acquire an understanding of scientific theories and conduct investigations related to sustainable ecosystems; atomic and molecular structures and the properties of elements and compounds; the study of the universe and its properties and components; and the principles of electricity. Students will gain skills in laboratory techniques such as using a microscope, chemical safety and building electrical circuits. Space exploration will be covered as well.

CREDIT: 1 **TYPE:** Academic **GRADE:** 9

SNC1DA Science - Grade 9 Enriched

This course enables students to develop their understanding of basic concepts in biology, chemistry, earth and space science, and physics, and to relate science to technology, society, and the environment. Throughout the course, students will develop their skills in the processes of scientific investigation. Students will acquire an understanding of scientific theories and conduct investigations related to sustainable ecosystems; atomic and molecular structures and the properties of elements and compounds; the study of the universe and its properties and components; and the principles of electricity.

COURSE NOTE: 80% in grade 8 science and/or the recommendation of the grade 8 teacher is required.

CREDIT: 1 **TYPE:** Enriched Courses **GRADE:** 9

SNC1L1 Science - Grade 9 Locally Developed

This course prepares students for Grade 10 Locally-developed Science (SNC2L) and/or Grade 11 Workplace Science (SNC3E). This course reinforces and strengthens science-related knowledge and skills, including scientific inquiry, critical thinking and the relationship between science, society and the environment. Students explore a range of topics including Science in Daily Life, Properties of Common Materials, Staying Alive: Life Sustaining Processes, and Electrical Circuits.

CREDIT: 1 **TYPE:** Locally Developed **GRADE:** 9

SNC1P1 Science - Grade 9 Applied

This course enables students to develop their understanding of basic concepts in biology, chemistry, earth and space science, and physics, and to apply their knowledge of science to everyday situations. They are also given opportunities to develop practical skills related to scientific investigation. Students will plan and conduct investigations into practical problems and issues related to the impact of human activity on ecosystems; the structure and properties of elements and compounds; space exploration and the components of the universe; and static and current electricity.

CREDIT: 1 **TYPE:** Applied **GRADE:** 9

Special Education

GLE101 Learning Strategies 1: Skills for Success in Secondary School

This course focuses on learning strategies to help students become better, more independent learners. Students will learn how to develop and apply literacy and numeracy skills, personal management skills, and interpersonal and teamwork skills to improve their learning and achievement in school, the workplace, and the community. The course helps students build confidence and motivation to pursue opportunities for success in secondary school and beyond.

COURSE NOTE: Recommendation of principal required.

CREDIT: 1 **TYPE:** Open **GRADE:** 9

Technology

TIJ101 Exploring Technologies

This course enables students to further explore and develop technological knowledge and skills introduced in the elementary science and technology program. Students will be given the opportunity to design and create products and/or provide services related to the various technological areas or industries, working with a variety of tools, equipment, and software commonly used in industry. Students will develop an awareness of environmental and societal issues, and will begin to explore secondary and postsecondary education and training pathways leading to careers in technology-related fields. Students will have the opportunity to rotate through different areas of technology offered at CCSS which may include communications, computers, culinary, technological design and personal care, depending on timetable availability.

CREDIT: 1 **TYPE:** Open **GRADE:** 9