

COURSE CALENDAR SUPPLEMENT 2015 - 2016

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This brochure contains information for **grade 9** only. An online course calendar for grades 9 – 12 is available on the Counselling website (see either link above).

THE ONTARIO SECONDARY SCHOOL DIPLOMA

In order to earn an Ontario Secondary School Diploma a student must:

- earn 30 credits (18 compulsory and 12 optional credits),
- complete 40 hours of community involvement activities,
- meet provincial secondary school literacy diploma requirement through successful completion of either the Ontario Secondary School Literacy Test or the Ontario Secondary School Literacy Course.

Credit Requirements

Compulsory Credits: Students must earn the following 18 compulsory credits in order to obtain the Ontario Secondary School Diploma:

4 credits in English (1 credit per grade)
1 credit in French as a Second Language
3 credits in Mathematics (at least 1 credit in Grade 11 or 12)
2 credits in Science
1 credit in Canadian History
1 credit in Canadian Geography
1 credit in the Arts
1 credit in Health and Physical Education
.5 credits in Civics
.5 credits in Career Studies

Group 1: 1 additional credit in English, or French*, or a third language, or Social Sciences and the Humanities or Canadian and World Studies, or Guidance and Career Education, or Cooperative Education*
Group 2: 1 additional credit in Health and Physical Education, or the Arts, or Business Studies, or French*, or Cooperative Education*
Group 3: 1 additional credit in Science (grade 11 or 12) or Technological Education (grades 9-12), or French*, or Cooperative Education*
*A maximum of 2 credits in Cooperative Education and/or French can count as compulsory credits.

Optional Credits: In addition to the 18 compulsory credits, students must earn 12 optional credits selected from the common course calendar. Optional credits may include up to four credits earned through approved dual credit courses.

Community Involvement Requirements and Procedures

Every student must complete 40 hours of Community Involvement (CI). CI hours completed the summer before a student enters 9th grade may be counted toward the 40 hours.

Community Involvement - Steps to Take

1. Select volunteer activities. For direct assistance contact: Kitchener Volunteer Action Centre (519-742-8610); Cambridge Volunteer Bureau (519-623-0423); Website: <http://www.volunteerkw.ca/>
2. In consultation with parents, contact the person or organization where you plan to volunteer.
3. Ensure that signatures from parents, sponsors, and the total number of hours are evident on the Activity Tracking Form. This form will be distributed in the fall and collected at least once during the year.

Ontario Secondary School Literacy Test – Ontario Secondary School Literacy Course

All students who enter grade 9 in the 2000 - 2001 or in subsequent years must successfully complete the Ministry literacy requirement in order to earn a secondary school diploma. This may be accomplished by either successfully passing the Ontario Secondary School Literacy Test (OSSLT) or the Ontario Secondary School Literacy Course (OSSLC). The standard method for assessing the literacy skills of students in Ontario for purposes of meeting the literacy requirement for graduation is the Ontario Secondary School Literacy Test. Students will normally be administered the literacy test when they are in grade 10. The test is based on Ontario curriculum expectations for language and communication, particularly reading and writing, up to and including grade 9. There is no limit to the number of times the test may be re-taken.

The Ontario Secondary School Literacy Course has been developed to provide students who have been unsuccessful on the test with intensive support in achieving the required reading and writing competencies, and with an alternative means of demonstrating their literacy skills. Students who have been unsuccessful on the OSSLT may be eligible to take the course.

INNOVATE PROGRAM

The INNOVATE program is designed to foster intellectual creativity with an emphasis on critical thinking, innovative technologies, global perspectives and leadership development. Students will be provided with unique opportunities to become involved with global organizations in the community in order to develop into world citizens ready to meet the challenges of the 21st century. Once again, we will be accepting up to a maximum of 60 ninth grade students to participate in this new and exciting program. The Innovate brochure provides information and program of study. Additional information and an application form can be found following the links to the INNOVATE web pages. Direct all inquiries regarding the INNOVATE Program to Mr. Jim Woolley, principal – 519.744.6567.

GENERAL COURSE INFORMATION

Definition of a Credit

A credit is recognition of the successful completion of a course for which a minimum of 110 hours is scheduled. A credit is granted to a student by the principal of a secondary school on behalf of the Minister of Education.

Definitions of Types of Courses

Three types of courses are offered in grade 9 and 10:

Academic courses emphasize theory and abstract problems.

Applied courses focus on practical applications and concrete examples.

Open courses are designed to prepare students for further study in certain subjects and to enrich their education generally.

Course Coding System

The course code consists of a course title and a six-character code: The first five characters are designated by the Ministry of Education and Training. The sixth character is determined by the Waterloo Region District School Board.

Code Characters	Explanation	Example - ENG 1DI
1st, 2nd, and 3rd	Subject discipline of the course in letters.	"ENG" English
4th	Grade level as a number * (see below) "1" Grade 9 "3" Grade 11 "2" Grade 10 "4" Grade 12	"1" Grade 9
5th	Type of course as a letter ** (see below) "D" Academic "E" Workplace "P" Applied "C" College "O" Open "M" University/College "U" University "L" Compulsory Locally Developed	"D" Academic course
6th	Board designated character that indicates credit value or may be used to differentiate a specific focus between courses with similar codes.	"I" 1 credit

***In the case of a language course the fourth character refers to the level of proficiency.**

****In the case of a locally developed course the fifth character is a number or the letter "L".**

Additional Costs

There may be a charge made for field trips in any course to cover the cost of transportation and/or admission.

GENERAL GRADE NINE PROGRAM INFORMATION

Students in grade nine will take a program of eight courses: five compulsory and three elective.

Compulsory Courses

Choose academic or applied

Canadian and World Studies (Geography)

CGC1DF (Extended French) Academic

CGC1DI Academic

CGC1PI Applied

English

ENG1DI Academic

ENG1PI Applied

French

FEF1DI (Extended French) Academic

FSF1DI Academic

FSF1PI Applied

Mathematics

MFM1PI Applied

MPM1DI Academic

Science

SNC1DI Academic

SNC1PI Applied

Elective Courses

ADA1OI - Dramatic Arts

AMI1OI - Instrumental Music (beginner)

AMV1OI - Vocal/Choral Music

AVI1OI - Visual Arts

BBI1OI - Introduction to Business

BTT1OI - Information and Communication Technology in Business

HFN1OI - Food and Nutrition

PPL1OX - Healthy Active Living Education (females)

PPL1OY - Healthy Active Living Education (males)

TEJ1OI - Exploring Computer Technologies

TIJ1OI - Exploring Technologies

Important:

It is extremely important to select the correct type of course now because it is very difficult and in most cases impossible to change course types after the start of the school year.

Example: Do not select an Academic course to see if you can do it with the expectation that if it doesn't work you will be able to change to an Applied course later in the year.

GRADE NINE COURSE DESCRIPTIONS

CANADIAN AND WORLD STUDIES

CGC1DF

Geography of Canada, Grade 9, Academic

This course uses a variety of frameworks, including eco-zones and principles of physical, human, and economic geography, to explore the distinct and evolving character of Canada's geography. Students will investigate the interconnections between the environment and human activities in Canadian eco-zones in order to understand Canada's diversity and role in the world. ***This course is offered with French as the language of instruction.***

CGC1DI

Geography of Canada, Grade 9, Academic

This course uses a variety of frameworks including eco-zones and principles of physical, human and economic geography, to explore the distinct and evolving character of Canada's geography. Students will investigate the inter-connections between the environment and human activities in Canadian eco-zones in order to understand Canada's diversity and role in the world.

CGC1PI

Geography of Canada, Grade 9, Applied

This course draws upon the students' everyday experiences and uses a variety of frameworks including eco-zones, to help students learn about the geography of Canada and the country's place in the global community. Students will investigate the inter-connections among the country's landforms, climate, soils, plants, animals and human activities in order to understand Canada's physical character and diversity and various kinds of interactions.

ENGLISH

ENG1DI

English Grade 9, Academic

This course emphasizes the analytical reading, writing and communication, and thinking skills that students need for success in secondary school and their daily lives. Students will study and interpret texts from contemporary and historical periods including short stories, poems and short essays and will investigate and create media works. An important focus will be the correct use of spoken and written language. Students are required to use a writing portfolio.

ENG1PI

English, Grade 9, Applied

This course emphasizes key reading, writing and oral communication and thinking skills which students need for success in secondary school and their daily lives. Students will study plays, short stories and newspaper and magazine articles, and will describe and create media works. An important focus will be the correct use of spoken and

written language. Students are required to use a writing portfolio.

FRENCH AS A SECOND LANGUAGE

FEF1DI

Extended French, Grade 9, Academic

This course emphasizes the expansion of students' oral communication, reading, and writing skills through the study of themes that reflect their interests. Students will apply their knowledge of French in discussions, debates, dramatizations, and oral presentations. Students will read and write in a variety of genres (e.g., poems, articles, brochures) and study at least one short novel intended for a French-speaking audience.

FSF1DI

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, 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.

FSF1PI

Core French, Grade 9, Applied

This course emphasizes the further development of oral communication skills, using the theme of media; the development of oral communication skills will be integrated with the development of reading and writing skills. Students will expand their ability to understand and speak French through conversations, discussions and presentations. They will also read media related short stories, articles, poems, and songs and write brief descriptions, letters, dialogues and invitations.

MATHEMATICS

MFM1PI

Foundations of Mathematics, Grade 9, Applied

This course enables students to develop mathematical ideas and abstract reasoning through explorations of applications, the effective use of technology and extended experiences with hands on activities. Students will investigate relationships of straight lines in analytic geometry, solve problems involving the measurement of 3-dimensional objects and 2-dimensional figures, and apply key numeric and algebraic skills in problem solving. Students will also have opportunities to consolidate core skills and deepen their understanding of key mathematical concepts.

MPM1DI

Principles of Mathematics, Grade 9, Academic

This course enables students to develop generalizations of mathematical ideas through exploration of applications, the effective use of technology and abstract reasoning. Students will investigate relationships to develop equations of straight lines in analytic geometry, explore relationships between volume and surface area of objects in measurement and apply extended algebraic skills in problem solving. Students will engage in abstract extensions of core learning that will deepen their mathematical knowledge and enrich their understanding.

SCIENCE

SNC1DI

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.

SNC1PI

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.

THE ARTS

ADA10I

Dramatic Arts, Grade 9, Open

This course emphasizes the active exploration of dramatic forms and techniques, using material from a wide range of authors, genres and cultures. Students will construct, discuss, perform and analyze drama and then reflect on the experiences to develop an understanding of themselves, the art form, and the world around them.

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AMI10I

Instrumental Music, Grade 9, Open

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 will teach them to listen with understanding. They will also learn correct musical terminology and its appropriate use. Students will perform as a class and in small groups and will be encouraged to participate in an extra-curricular ensemble.

AMV10I

Vocal Music, Grade 9, Open

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. Students will perform as a class and in small groups and will be encouraged to participate in an extra-curricular ensemble.

AVI10I

Visual Arts, Grade 9, Open

This course offers 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 through working with a range of materials, processes, techniques and style. They will learn and use methods of analysis and criticism, and will study the characteristics of particular historical art periods and a selection of Canadian art and art of other cultures.

BUSINESS STUDIES

BBI10I

Introduction to Business, Grade 9, Open

This course introduces students to the world of business. Students will develop an understanding of the functions of business, including accounting, marketing, information technology, human resources, and production, and of the importance of ethics and social responsibility. This course builds a foundation for further studies in business and helps students develop the business knowledge and skills they will need in their everyday lives.

BTT10I

Information and Communication Technology in Business, Grade 9, Open

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.

HEALTH & PHYSICAL EDUCATION

PPL10X

Healthy Active Living Education (Females) Grade 9, Open

This course emphasizes students' daily participation in a variety of enjoyable physical activities that promote life long healthy active living. Students will learn movement techniques and principles, ways to improve personal fitness and physical competence and safety/injury-prevention strategies. 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.

PPL10Y

Healthy Active Living Education (Males) Grade 9, Open

This course emphasizes students' daily participation in a variety of enjoyable physical activities that promote life long healthy active living. Students will learn movement techniques and principles, ways to improve personal fitness and physical competence and safety/injury-prevention strategies. 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.

SOCIAL SCIENCES AND HUMANITIES

HFN10I

Food and Nutrition, Grade 9, Open

This course explores the factors that affect attitudes and decisions about food, examines current issues of body image and food marketing, and is grounded in the scientific study of nutrition. Students will learn how to make informed food choices and how to prepare foods, and will investigate our Canadian food heritage and food industries, as well as global food issues. The course also introduces students to research skills related to food and nutrition.

TECHNOLOGICAL EDUCATION

TEJ10I

Exploring Computer Technologies, Grade 9, Open

This exploratory course introduces students to concepts and skills in computer technology which encompasses computer systems, networking, interfacing, and programming, as well as electronics and robotics. In the hardware component, students will learn about fundamental electronic parts and test equipment as they build and analyze a computerized project. Students will program their project to accomplish a specific set of tasks. This component will be excellent preparation for further study in Computer Engineering Technology, including TEJ20I, and TEJ3MM. In the software component, students will learn computer programming concepts. This component will be excellent preparation for further study in Computer Science, including ICS 20I and ICS3UI.

TIJ10I

Exploring Technologies, Grade 9, Open

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.

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