

GRADE 9 COURSE CALENDAR SUPPLEMENT 2020-2021 CAMERON HEIGHTS COLLEGIATE INSTITUTE



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This brochure contains information for grade 9 only. A course calendar outlining the grades 9 – 12 programs is available.

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
- successfully complete the provincial secondary school literacy requirement

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 credit in Civics
- .5 credit in Career Studies
- Group 1: 1 additional credit in English, or French as a second language*, or a Native Language, or Classical or International 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 as a second language*, or Cooperative Education*
- Group 3: 1 additional credit in Science (grade 11 or 12), or Technological Education (grades 9-12), French as a second language*, or Computer Studies, or Cooperative Education*

* A maximum of 2 credits in Cooperative Education and French as a second language may count as compulsory credits.

Optional Credits:

In addition to the 18 compulsory credits, students must earn 12 optional credits selected from the course calendar.

Community Involvement Requirements and Procedures

Every student must complete 40 hours of community involvement. Students may start accumulating hours the summer after Grade 8.

Community Involvement - Steps to Take

1. Select volunteer activities. For direct assistance contact:
 - Kitchener Volunteer Action Centre (519-742-8610)
 - Website: www.k-vvolcentre.on.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 is available in the Guidance Office or online at myway.wrdsb.ca.

Ontario Secondary School Literacy Test – Ontario Secondary School Literacy Course

All students who entered grade 9 in the 2000 - 2001 school year 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. Normally, students will 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.

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 grades 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 1 D I
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 or first year
5th	Type of course as a letter "D" Academic "P" Applied "O" Open	"D" Academic course
6th	Board designated character that indicates credit value or may be used to differentiate between courses with similar codes	"I" 1 credit

Additional Costs

In some courses there may be a charge made to the student for materials and certain off-campus activities. Where the school has been able to determine these costs they are indicated in the course description section. 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 (5)

Canadian and World Studies (Geography)

Choose academic or applied

CGC1DI Academic

CGC1PI Applied

English

Choose academic or applied

ENG1DI Academic

ENG1PI Applied

French

Choose academic or applied

FSF1DI Academic

FSF1PI Applied

Mathematics

Choose academic, applied or essential

MPM1DI Academic

MF1PI Applied

MAT1LI Essential

Science

Choose academic or applied

SNC1DI Academic

SNC1PI Applied

Elective Courses (Choose 3)

ADA1OI - Dramatic Arts

AMI1OI - Instrumental Music

AMV1OI - Vocal/Choral Music

AV1OI - Visual Arts

BBI1OI - Introduction to Business

BTT1OI - Information and Communication Technology in Business

HIF1OI - Exploring Family Studies

PPL1OX - Healthy Active Living Education (Females) *

PPL1OY - Healthy Active Living Education (Males) *

TEJ1OI - Exploring Computer Technology

TIJ1OI - Exploring Technologies

GLE1OI - Learning Strategies 1 (student must have IEP)

* **Highly recommended**

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

CGC1DI

Geography of Canada, Academic

This course uses a variety of frameworks, including eco-zones and principals of physical, human and economic geography, to explore Canada's distinct and evolving character. 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, 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.

ENGLISH

ENG1DI

English, Academic

This course emphasizes analytic 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 and effective use of spoken and written language. Students are required to use a writing portfolio.

ENG1PI

English, Applied

This course emphasizes key reading, writing and oral communication and thinking skills that 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

FSF1DI

Core French, Academic

This course emphasizes the further development of oral communication, listening comprehension, reading and writing skills. Students will expand their ability to understand and speak French through short conversations and presentations. Students will write simple sentences and mini paragraphs and will read brief descriptions, letters, dialogues and short passages.

FSF1PI

Core French, 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

MPM1DI

Principles of Mathematics, Academic

This course enables students to develop generalizations of mathematical ideas through the 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.

MPM1PI

Foundations of Mathematics, 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.

MAT1LI

Mathematics, Essential

This course emphasizes further development of mathematical knowledge and skills to prepare students for success in their everyday lives, in the workplace, and in the Mathematics Grade 11 and Grade 12 Workplace Preparation courses.

SCIENCE

SNC1DI

Science, 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 conducting 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, 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

ADA1OI

Dramatic Arts, 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.

AMI1OI

Instrumental Music, Band, 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.

AMV1OI

Vocal Music, 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.

AVI1OI

Visual Arts, Open

This course offers an overview of visual arts as a foundation for further study. Students will become familiar with the elements and principals of design and the expressive qualities of various materials through working with a range of materials, processes, techniques and styles. 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

BBI1OI

Introduction to Business, Open

This course introduces students to the world of business. Students will develop an understanding of Marketing, International Business, Personal Finance, Accounting, Entrepreneurship, Interview Preparation, and much more. Students will participate in many business tasks (i.e. Egg Drop Packaging Assignment, Practical Interviews, Preparing a Personal Budget, and much more) that will prepare them for future Business Studies courses. Students will develop their very own "app" business for their Final Project.

BTT1OI

Information and Communication Technology In Business, Open

This course introduces students to the use of information technology in a business environment. Students will learn how to use information technology in a work environment. They will perform electronic research and use common business software, including spreadsheets, word processing, desktop publishing, presentation software and web page design. The tasks performed in this course will enable students to achieve success throughout their high school years.

HEALTH & PHYSICAL EDUCATION

PPL10X

Healthy Active Living Education (Females),
Open

PPL10Y

Healthy Active Living Education (Males), Open

This course emphasizes students' daily participation in a variety of enjoyable physical activities that promote lifelong healthy active living. Activities include basketball, volleyball, soccer, football, fitness and weight training, swimming and interactive games. 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

HIF10I

Exploring Family Studies, Open

Entering the world of grade nine may seem a little overwhelming at times. This course is designed to help students learn to cope with all the new issues that the high school experience encounters and develop life-long skills. Topics include food preparation, communication, relationship skills, money management, career planning, and time management. Students will acquire knowledge and skills that are needed to make the transition to adulthood. Teachers will instruct students in developing interpersonal, decision-making and practical skills related to daily life. Students will explore the functioning of families and the diversities found among families and within society.

SPECIAL EDUCATION

GLE10I

Learning Strategies 1: Skills for Success in
Secondary School, Open

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. *This is a 1.0 credit course in grade 9 for students with an IEP.*

TECHNOLOGICAL EDUCATION

TIJ10I

Exploring Technologies, Open

These courses enables students to design, build and race an electric dragster; use virtual modeling to assist in the construction of bridges and other exciting mechanical and electronic devices. Students work with a variety of tools, equipment and software commonly used in industry.

TEJ10I

Exploring Computer Technology, Open

This course will study computer-based audio editing, programming, and virtual modeling; from pod casting and controlling electronic battle machines to 3-D solid modeling and basic computer upgrading, using today's computer technology.

International Baccalaureate Studies

Application Phase (November 20 to January 17, 2020)

Students applying to the International Baccalaureate Studies Program must have completed and returned the IB Application Form, the Grade 9 Course Selection Form and the application fee to their elementary home school counsellor. The Cameron Heights Guidance Department will be notified by the sending elementary school of each student's intention. By January 16th, the elementary school will send to CHCI, to the attention of Sue Martin, Head of Guidance, the following: the IB Application Form, the Grade 9 IB Course Selection Form, the student's Grade 7 report card / most recent Mark Report, the confidential Teacher Commentary Form, and the application fee. Early applications are appreciated. These forms are available on the CHCI website at: chc.wrdsb.ca

Acceptances (February 3 2020)

An IB Admissions Committee will review each application and grant acceptance to those students who qualify in terms of academic record and past performance. These students will be notified of their acceptance into the program in late January/early February.

Confirmation (February 7, 2020)

Students must confirm their seat in the IB Programme by returning the offer to CHCI and notifying their elementary home school by February 6th.

Late Acceptance

Students new to the region and the WRDSB may submit applications after the deadline, for review on a case by case basis.

Course Selection - IB Program

A. Compulsory Courses

- English ENG1DW
- French FSF1DW
- Geography CGC1DW
- Mathematics MPM1DW
- Science SNC1DW

B. Elective Courses

All IB students select 3 elective courses. In order to satisfy ministry diploma requirements, students must choose at least 2 courses from section A.

Note: If **two** Business courses (BBI10I and BTT10I) are chosen from section A, then the 3rd choice must also be selected from section A. Otherwise, the 3rd choice can be from section A or B.

Section A

ADA10I
AMI10I
AMV10I
AVI10I
BBI10I
BTT10I
PPL10X or PPL10Y

Section B

ICS20I
HIF10I
TEJ10I
TIJ10I