

# GRADE 9 COURSE CALENDAR SUPPLEMENT 2018 – 2019

Huron Heights Secondary School  
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This brochure contains information for *grade 9 only*. A common course calendar outlining the grades 9 – 12 program is available online at <http://hrh.wrdsb.ca/> or in the Guidance Office.

## THE ONTARIO SECONDARY SCHOOL DIPLOMA

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

- earn 30 credits (18 compulsory and 12 elective credits)
- complete 40 hours of community involvement activities
- meet the 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)
- 3 credits in Mathematics (at least 1 credit in Grade 11 or 12)
- 2 credits in Science
- 1 credit in French as a Second Language
- 1 credit in Canadian History
- 1 credit in Canadian Geography
- 1 credit in the Arts
- 1 credit in Health and Physical Education
- 0.5 credit in Civics
- 0.5 credit in Career Studies
- 3 additional credits, consisting of 1 credit from each of the following groups:
  - **Group 1:** English (including the Ontario Secondary School Literacy Course), French as a second language\*, classical languages, international languages, Native languages, Canadian and world studies, Native studies, social sciences and humanities, guidance and career education, cooperative education\*\*
  - **Group 2:** French as a second language\*, the arts, business studies, health and physical education, cooperative education\*\*
  - **Group 3:** French as a second language\*, science (Grade 11 or 12), computer studies, technological education, cooperative education\*\*

\*A maximum of 2 credits in French as a second language may count as additional compulsory credits, 1 credit from Group 1, and 1 credit from either Group 2 or Group 3.

\*\*A maximum of 2 credits in cooperative education may count as additional compulsory credits, selected from any of Groups 1, 2 or 3

#### Elective Credits:

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

### Community Involvement Requirements and Procedures

Every student who begins secondary school during or after the 1999-2000 school year must complete 40 hours of community involvement.

#### 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: [www.volunteerkw.ca](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 is available in the Guidance office.

### Ontario Secondary School Literacy Test – Ontario Secondary School Literacy Course

All students who enter 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. 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.

## OTHER SECONDARY SCHOOL CERTIFICATION

### Requirements for the Ontario Secondary School Certificate

The Ontario Secondary School Certificate will be granted, on request, to students who leave school before earning the Ontario Secondary School Diploma provided they have earned a minimum of 14 credits distributed according to Ministry policy.

### Requirements for the Certificate of Accomplishment

Students who leave school before fulfilling the requirements for the Ontario Secondary School Diploma or the Ontario Secondary School Certificate may be granted a Certificate of Accomplishment. This certificate may be a useful means of recognizing achievement for students who plan to take certain vocational programs or other kinds of further training. Students who return to school to complete additional credit and non-credit courses will have their transcript updated but will not be issued a new Certificate of Accomplishment.

## 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 at Huron Heights 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 **(see below) "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

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

### Additional Costs

In some courses there will be a charge made to the student for workbooks, 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

#### 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, applied or enriched where applicable

**FSF1DI** Academic

**FSF1DX** Enriched (for former French Immersion students)

**FSF1PI** Applied

#### Mathematics

Choose academic, applied or enriched where applicable

**MPM1DI** Academic

**MFM1PI** Applied

**MPM1DX** Enriched-application required

#### Science

Choose academic, applied or enriched where applicable

**SNC1DI** Academic

**SNC1PI** Applied

**SNC1DX** Enriched-application required

### Elective Courses

**ADA1OI** - Dramatic Arts

**AMI1OI** - Instrumental Music (experienced)

**AMU1OI** - Instrumental Music (beginner)

**AMV1OI** - Vocal/Choral Music

**AVI1OI** - Visual Arts

**BBI1OI** - Introduction to Business †

**BTT1OI** - Information and Communication Technology in Business †

**HIF1OI** - Exploring Family Studies †

**HFN1OI** - Food and Nutrition †

**PPL1OY** - Healthy Active Living (males) \*

**PPI1OX** - Healthy Active Living (females) \*

**TIJ1OI** - Integrated Technologies

\* highly recommended

† trouble deciding? - these courses are also offered in grade 10

#### 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.



Course Selection: All grade 8 students coming from Doon Public School, Laurentian Public School, Jean Steckle Public School, or any other grade 8 WRDSB public school must enter their grade 9 course selections at MyWay: <https://myway.wrdsb.ca/>

# GRADE NINE COMPULSORY COURSE DESCRIPTIONS

## CANADIAN AND WORLD STUDIES

### **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, oral communication, and thinking skills that students need for success in secondary school academic programs and their daily lives. Students will study a variety of genres and must be diligent, independent readers. Students will complete academic writing pieces.

### **ENG1PI** **English, Grade 9, Applied**

This course emphasizes key communication and thinking skills that students need for success in secondary school applied programs and their daily lives. An important focus will be the correct use of spoken and written language.

## FRENCH AS A SECOND LANGUAGE

### **FSF1DI** **Core French, Grade 9, Academic**

This course emphasizes the continuing development of speaking, reading and writing skills in French. Reading and discussing short novels, oral presentations and interviews will serve as stepping stones to oral and written proficiency at the Grade 9 level. The students will also develop a cultural understanding of the francophone world. This course is designed for students who wish to continue studying French at the academic level.

### **FSF1DX** **Enriched French, Grade 9, Academic**

This course is designed for students who have taken the Extended French or Immersion programs. This course will provide opportunities for students to speak and interact in French. Students will develop reading and writing skills as a continuation of their grade 8 program.

### **FSF1PI** **Core French, Grade 9, Applied**

This course emphasizes the continuing development of speaking, reading and writing skills in French. Readings from the textbook, writing brief descriptions, oral presentations and interviews will serve as stepping stones to develop proficiency at the Grade 9 level. The students will also develop a cultural understanding of the francophone world. This course is designed for students who might consider studying French at the applied level in Grade 10.

## MATHEMATICS

### **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.

### **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.

## 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 explorations and the components of the universe; and static and current electricity.

## MATH/SCIENCE ENRICHMENT

This program is designed for students with a recommended minimum average of 80% in grade 8 math and science. The enrichment program integrates grade 9 academic math and science. There is an emphasis on creativity, higher order thinking, problem solving and integration with the partnered subject.

**If interested, please complete and submit the Grade 9 Math/Science Enrichment Application Form from our website under Guidance/Registration or from your current grade 8 school.**

*Students must enroll in both enriched math and science. Each elementary school will be notified of successful candidates who are accepted into the program.*

## GRADE NINE *ELECTIVE* COURSE DESCRIPTIONS

### 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.

### DRAMA

#### 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.

### VISUAL ARTS

#### 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 of design along with 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

### HEALTH & PHYSICAL EDUCATION

#### PPL10X (females)

#### PPL10Y (males)

##### **Healthy Active Living Education Grade 9, Open**

This course emphasizes students' daily participation in a variety of enjoyable physical activities that promote lifelong 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.

### MUSIC

#### AMI10I

##### **Band (experienced), 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.

#### AMU10I

##### **Band (beginner), Instrumental Music, Grade 9, Open**

This course focuses on music/band for beginners and 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.

#### 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.

### 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. They 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.

#### HIF10I

##### **Exploring Family Studies, Grade 9, Open**

This course explores the challenges faced by all people: how to meet basic needs, how to relate to others, how to manage resources and how to become responsible members of society. 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 such as food preparation and sewing. Students will explore the functioning of families and the diversities found among families within society.

### TECHNOLOGICAL EDUCATION

#### 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.