



Preston High School

Home of the Panthers

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Grade 9 Course Calendar Supplement 2016-2017

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

THREE ONTARIO SECONDARY SCHOOL DIPLOMA REQUIREMENTS:

1. Credit Requirements = 30 credits are required in total (18 compulsory and 12 elective credits)

Compulsory Credits:

Students must earn the following 18 compulsory credits:

- 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 a Classical or an 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), or French as a second language**, or computer studies, or Cooperative Education*
- *A maximum of 2 credits in Cooperative Education can count as compulsory credits. **A maximum of 2 French credits can be counted for Group 1, 2, or 3

To satisfy Group 1, 2, or 3 credits, students select **one** credit out of each course grouping, to be earned anytime during their four years.

Elective Credits:

Students must also earn 12 elective credits

2. 40 Hours of Community Volunteering

Steps to Take:

1. Select volunteer activities. For direct assistance contact: Volunteer Cambridge – United Way 519-621-1030; www.uwcambbridge.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 will be distributed in the fall and can be handed into the Guidance Office anytime some hours are completed. Students may start their volunteer hours the summer after Grade Eight.

3. Completion of: Ontario Secondary School Literacy Test or Ontario Secondary School Literacy Course

All students who enter grade 9 must successfully complete the Ministry literacy requirement in order to earn a diploma. This may be accomplished by either successfully passing the Ontario Secondary School Literacy Test (OSSLT) or the Ontario Secondary School Literacy Course (OSSLIC). 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.

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 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 an **optional** Enhancement Fee for workbooks, materials and certain off-campus activities. 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

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

Students accepted to the **PHS Enhanced Program** will choose Enhanced compulsories: CGC1DW, ENG1DW, FSF1DW, MPM1DW, SNC1DW

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 or applied

FSF1DI Academic

FSF1PI Applied

Mathematics

Choose academic or applied

MPM1DI Academic

MFM1DI Applied

Science

Choose academic or applied

SNC1DI Academic

SNC1PI Applied

Elective Courses

ADA1OI- Dramatic Arts

AMI1OI- Instrumental Music (experienced)

AMI1OX- Instrumental Music (beginner)

AMV1OI- Vocal/Choral Music

AVI1OI - Visual Arts

AWA1OI - Crafts

BBI1OI - Introduction to Business

BTT1OI- Information and Communication Technology in Business

GLE1OI- Learning Strategies (student must have IEP)

PPL1OY- Healthy Active Living Education (males)

PPL1OX- Healthy Active Living Education (females)

***TIJ1OX**- Exploring Technologies

(Computer Engineering Emphasis)

***TIJ1OY**- Exploring Technologies

(Auto, Wood & Metal Shop Emphasis)

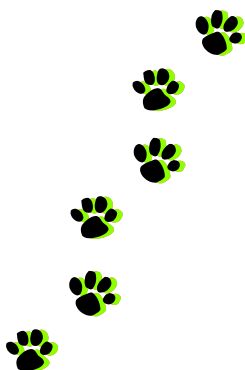
*Only ONE (1) technology credit (TIJ1O) is allowed in Grade 9

Important Note:

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

Example: Do not select an Academic course to attempt, with the expectation that if it is too difficult, you will be able to change to an Applied course; the timetable may not allow this.

B E A P A N T H E R



GRADE NINE COURSE DESCRIPTIONS: Compulsory Courses

Must take all five subjects; choose Academic (1DI) or Applied Level (1PI)

For Enhanced Program (1DW), read the Academic Course Descriptions.

CANADIAN AND WORLD STUDIES

CGC1DI

Issues in Canadian Geography, Academic

Using a variety of frameworks including natural, human, economic and global, we explore the distinct and evolving character of Canada. Communication skills in different formats are developed.

CGC1PI

Issues in Canadian Geography, Applied

Drawing on everyday experiences, we explore the diversity of Canada by looking at the reasons this country works so well and why there are problems to be solved. Humans, natural and economic activities are the main areas of study.

ENGLISH

ENG1DI

English Academic

An academic course emphasizing research skills, analytic reading of challenging texts, formal writing and language skills as the foundation for ENG 2DI and university level courses. A level 3 to 4 is recommended in grade 8.

ENG1PI

English, Applied

This course covers a variety of fiction and non-fiction reading and writing. You will practice long and short writing pieces in preparation for college and workplace courses.

FRENCH AS A SECOND LANGUAGE

FSF1DI

Core French, Academic

This course provides opportunities for students to communicate and interact in French with increasing independence. Students will continue to develop language knowledge and skills using language-learning strategies, and creative and critical thinking skills. Topics such as art, food, sports and French culture will be explored.

FSF1PI

Core French, Applied

This course provides opportunities for students to communicate and interact in French in structured situations on everyday topics. Students will continue to develop language knowledge and skills, using creative and critical thinking skills. They will explore French-speaking communities and people, and related themes.

MATHEMATICS

MPM1DI

Principles of Mathematics, Academic

MPM1DI lays the foundation for future success in an Academic program. In this course, students extend their Algebraic & Geometric Skills, explore Relationships and develop Equations of Straight Lines. This course is STRONGLY recommended for those students who are working at a Level 3 or 4 in Grade 8 Mathematics.

MF1PI

Foundations of Mathematics, Applied

Students will gain a better understanding of Number Sense, Proportional Reasoning, Measurement and Geometry in addition to exploring Relationships. This course is STRONGLY recommended for those students who are working at a Level 1 or 2 in Grade 8 Mathematics.

SCIENCE

SNC1DI

Science, Academic

A detailed and descriptive introduction to the branches of science such as: chemistry, physics, biology and earth and space science. Students develop an understanding of the properties of common elements and compounds. They assess the impact of human activities on the sustainability of ecosystems and investigate the properties of static and current electricity. Finally, they explore beyond Earth into the wonders of the night sky. Consistently achieving at a Level 3 in grade 8 Science is highly recommended. Strong collaboration, organization, and initiative skills benefit the grade 9 academic student.

SNC1PI

Science, Applied

A simplified introduction to the branches of science such as: chemistry, physics, biology and earth and space science. Students begin to understand the properties of elements and simple compounds used in our daily lives. They learn about the characteristics of terrestrial and aquatic ecosystems and demonstrate the properties of static and current electricity. Finally, students learn about the properties of celestial objects in the Universe.



**Elective Courses: All Open Level
Choose Three Electives:**

DRAMA

ADA10I (beginner)

Dramatic Arts, Open

In this course students will create, practice and perform a variety of dramatic forms and techniques such as tableau, role play, improvisations and children's plays. Students will discuss, create and reflect on their own performance work and on others. This course will assist students in gaining more confidence as well as a love for performance.

MUSIC

Registration in a music course is required for extracurricular participation.

AMI10I

Band (experienced)

Instrumental 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 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 while progressing towards solo performance. **This course is for students with a minimum of one full year of study on a band instrument.**

AMI10X

Band (beginner)

Instrumental Music, Open

This course is designed for students who **do not currently play a band instrument**. Students will learn to play a band instrument in a class setting. This course focuses on music/band for beginners and emphasizes the performance of music at a level 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 while progressing towards solo performance.

AMV10I

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 while progressing towards solo performance.

ART

AVI10I

Visual Arts, Open

A Visual Arts course with a focus on the Elements of Design. Tools and techniques will be introduced in the various mediums of painting, drawing, ceramics, printmaking, graphic arts and sketchbook development.

AWA10I

Visual Arts, Crafts, Open

An introduction artisan course with a focus on the crafts movement and "useful art". Tools and techniques will be introduced in the various mediums of ceramics, paper mache, collage, jewellery making, carving, painting and drawing. This craft course is designed for the novice art student.

BUSINESS STUDIES

BTT10I

Information and Communication Technology in Business, Open

This is the only 'hands on' full computer course. Expand your computer and information technology skills by using Google Apps, MS Office software such as WORD, EXCEL, PowerPoint, Publisher, website design, and Photoshop. Throughout the course, there is an emphasis on digital literacy, effective electronic research and communication skills, and digital citizenship.

BBI10I

Introduction to Business, Open

This course introduces students to the world of business including Financial Literacy, Entrepreneurship, Accounting, Economics, Ethics, Human Resources, Marketing, and Information Technology. It is taught in a computer lab. Stock market and business competitions included. Focus on developing business knowledge and skills students will need in their everyday lives.

HEALTH & PHYSICAL EDUCATION

PPL10X

Healthy Active Living Education (Females) Open

Activities include basketball, volleyball, badminton, fitness, dance, soccer, rugby, low organizational games and two health units.

PPL10Y

Healthy Active Living Education (Males) Open

Activities include basketball, badminton, fitness, football, rugby, soccer, wrestling, organizational games, volleyball and two health units.

SPECIAL EDUCATION

GLE10I

Learning Strategies Skills for Success in Secondary School, Open

This course is designed for Grade 9 students who need to develop their independent learning skills. Specific attention will be placed on understanding the brain and how it can be affected by injury, nutrition and other factors; understanding learning disabilities and how classroom strategies can help students cope with them; developing key literacy and numeracy skills; and developing organizational, test-taking and study skills. ***This is a 1.0 credit course in grade 9 for students with an Individual Education Plan (IEP)***

TECHNOLOGICAL EDUCATION

TIJ10X*

Exploring Technologies, Open Computer Engineering Emphasis

Have you thought you might want to be an Engineer or do something with computers? If you have, this course will interest you. There are four learning units: Computer Engineering; Technological Design; Communications Technology and Fabrication. You will learn the skills allowing you to design, program and build exciting projects such as a maglev car or a robot. This course will prepare you for the related courses at the Grade 10 level.

TIJ10Y*

Exploring Technologies, Open Auto, Wood & Metal Shop Emphasis

If you like working on cars or building projects, this course is for you. In the Auto Shop you will learn how to perform basic vehicle service operations and inspections. In the Manufacturing Shop you will learn how to operate machines such as lathes and perform simple welding operations. In the Construction Shop you will learn basic woodworking operations and fundamental home repair skills such as drywall and plumbing. Computer Applications will develop valuable skills used in this and other courses.

*Only **ONE** (1) technology credit (TIJ10) is allowed in Grade 9



