

# Banting Memorial

2024-2025

## High School Grade 9

School Program  
&  
Course Calender



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Alliston, Ontario  
LGR 1G5



COVER DESIGNED BY JEAN PAUL GAVENIUC, GRADE 9

## High School Planner

<b>Grade 9</b> Year 1 8 credits	<b>Grade 10</b> Year 2 8 credits	<b>Grade 11</b> Year 3 8 credits	<b>Grade 12</b> Year 4 6 credits	Year 5
Choose Single Streamed, Locally Developed or Open courses	Choose Academic, Applied, Locally Developed or Open Courses	Choose College, Mixed, University, Workplace or Open Courses	Choose College, Mixed, University, Workplace or Open Courses	If needed to complete courses for graduation
English	English	English	English	
Math	Math	Math	Optional Course	
Science	Science	Optional Course	Optional Course	
Geography	History	Optional Course	Optional Course	
French	Careers and Civics	Optional Course	Optional Course	
Optional Course	Optional Course	Optional Course	Optional Course	
Optional Course	Optional Course	Optional Course		
Optional Course	Optional Course	Optional Course		30 credits needed for OSSD diploma

There are 19 compulsory courses:

- 13 of them are shaded grey in the above chart, **PLUS**
- one Art credit
- one Physical Education credit
- one Technological Education credit in Gr. 9 or Gr. 10

It is recommended that students complete during Gr. 9 or 10

The 11 optional credit requirements are in white.

**Within these optional choices, students must have one more credit from each of the following 3 groups:**

- ✓ **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 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 (Grade 9-12), or French as a second language, or computer studies, or cooperative education

**\*A maximum of 2 of the 3 additional compulsory credit requirements for groups 1, 2 and 3 may be met with credits earned through Cooperative Education.**

## OSSLT (Gr. 10)

The Grade 10 **Ontario Secondary School Literacy Test** will be conducted once each year. Students who are successful on their first attempt have this OSSD requirement satisfied. Students who are unsuccessful will be allowed to take the test again after receiving some remedial assistance.

## Community Involvement

The 40 hours of **Community Involvement** activities may be completed at any time during a student's secondary school years and may be started in the summer prior to grade 9. The requirement is to be completed outside the student's normal instructional hours. Students, in collaboration with their parents, will decide how they will complete the community involvement requirement; however, at Banting, we strongly encourage our students to complete a minimum of 20 hours in their grade 9 year.



## Secondary School Program and Course Calendar

The Secondary page of SCDSB's public website provides families and students with detailed, accurate and up-to-date information about diploma requirements, as well as general information on school programs and courses offered. Additionally, the website provides information on county wide programs, Specialist High Skills Majors, school-based supports and Student Success initiatives. To access the page, follow this link: [https://www.scdsb.on.ca/secondary/planning\\_for\\_high\\_school](https://www.scdsb.on.ca/secondary/planning_for_high_school)

This information is also available in the *SCDSB Secondary Student Handbook* in a downloadable, printable format at the above website or can be accessed [HERE](#)

### BANTING PHILOSOPHY

Banting Memorial High School is a large vibrant school with a wide variety of curricular and extracurricular programs. We value the worth of an individual by providing a safe and caring environment where each student can realize his or her personal potential and become a responsible citizen. Our long-time Latin Motto,

**“QUAECUMQUE OPTIMA” – Whatsoever Things are Best,**

issues the challenge for all students to constantly strive for excellence within the walls of Banting and beyond.



Parent involvement is positively associated with children's achievement and attitude toward learning. Through ongoing parent-teacher partnerships, both in the classroom and on various committees, we can work together to meet the needs of our youth. School and community interaction is critically important and becomes more complex as students are required to be better prepared for the world of work.

***The administration and staff at Banting are committed to your success.***

***We hope that you will have a successful year and that all your goals, academic and personal, are reached.***

# GRADE 9 COURSES

*All grade 9 students must take the following 5 courses:*

English  
Mathematics  
Science  
French  
Geography

*Plus 3 elective courses of their choice, from grade 9 courses offered*

*All grade 9 **French Immersion** students will take the following 7 courses:*

English  
Mathematics  
Science  
French Immersion  
Géographie du Canada Arts intégrés  
Éducation physique et à la santé  
Plus

*1 elective course of their choice, from the grade 9 courses offered*

## COMPULSORY COURSES

### English

#### ***ENL1W1: English***

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.

#### ***ENG1LL: English, Locally Developed***

This course emphasizes key reading, writing, oral communication, and thinking skills that students need for success in secondary school and their daily lives. In particular, the program works towards preparing students to enter the Grade 11 Workplace preparation course in English, and to complete the Grade 10 Test of Reading and Writing skills successfully. Students may also use this course to strengthen skills toward pursuing English at the grade 9 applied level. Students read a variety of narrative and expository forms, poetry and drama and practice the skills necessary for clear and accurate spoken and written language. In particular, course activities will help develop confidence and self-esteem and provide motivation to succeed in school and life.

### French

#### ***FSF1D1: Core French***

This course provides opportunities for students to communicate and interact in French with increasing independence, with a focus on familiar topics related to their daily lives. Students will continue to develop language knowledge and skills by using language-learning strategies introduced in the elementary Core French program and will apply creative and critical thinking skills in various ways. They will also enhance their understanding and appreciation of diverse French-speaking communities and will develop the skills necessary to become life-long language learners.

**Prerequisite: Minimum of 600 hours of elementary Core French instruction, or equivalent**



### **FIF1DU: French Immersion**

This course provides opportunities for students to speak and interact in French independently in a variety of real-life and personally relevant contexts. Students will develop their skills in listening, speaking, reading, and writing, as well their ability to communicate in French with confidence, by using language learning strategies introduced in the elementary French Immersion program. Students will enhance their knowledge of the French language through the study of French-Canadian literature. They will also increase their understanding and appreciation of diverse French-speaking communities and will develop skills necessary for lifelong language learning.

**Prerequisite: Minimum of 3600 hours of French instruction or equivalent**

*Note: Students in the Grade 9 French Immersion program will also take CGC1DU- Geographie du Canada and two (2) French immersion electives*

## **Geography**

### **CGC1W1: Issues in Geography**

This course builds on learning in Grades 7 and 8 in geography. Students will explore relationships within and between Canada's natural and human systems and how they interconnect with other parts of the world. Students will also examine environmental and economic issues, and their impact related to topics such as natural resources and industries, careers, land use and responsible development, and sustainability. In addition, students will understand the connections that diverse communities and individuals have with the physical environment and each other throughout Canada, including First Nations, Métis, and Inuit perspectives. Students will apply geographic thinking, use the geographic inquiry process, and use geospatial technologies throughout their investigations.

### **CGC1WU: Geographie du Canada-French Immersion**

See the course descriptor for CGC1D1. *Note: Students in the Grade 9 French Immersion program will also take FIF1DU and two (2) French immersion electives*

## **Mathematics**

### **MTH1W1: Mathematics**

This course enables students to consolidate, and continue to develop, an understanding of mathematical concepts related to number sense and operations, algebra, measurement, geometry, data, probability, and financial literacy. Students will use mathematical processes, mathematical modelling, and coding to make sense of the mathematics they are learning and to apply their understanding to culturally responsive and relevant real world situations. Students will continue to enhance their mathematical reasoning skills, including proportional reasoning, spatial reasoning, and algebraic reasoning, as they solve problems and communicate their thinking.

### **MAT1LL: Mathematics, Locally Developed**

This course provides students who have experienced significant difficulties in previous mathematics courses an opportunity to obtain sufficient background and skill development to prepare them for Grade 11 and 12 workplace preparation courses. Whenever possible, ideas will be presented in a real-life context, providing students with opportunity to explore, organize, interpret, and use mathematical models to solve problems. Technology and manipulative materials will be used wherever appropriate. Assessment and evaluation will be done using a wide variety of strategies.

*Note: This course is recommended for any student that has struggled with concepts and confidence up to and including grade eight.*

## **Science**

### **SNC1W1: Science**

This course enables students to develop their understanding of concepts related to biology, chemistry, physics, and earth and space science, and to relate science to technology, society, and the environment. Throughout the course, students will develop and refine their STEM skills as they use scientific research, scientific experimentation, and engineering design processes to investigate concepts and apply their knowledge in situations that are relevant to their lives and communities. Students will continue to develop transferable skills as they become scientifically literate global citizens.

### ***SNC1LL: Science, Locally Developed***

This course enables students to deepen their knowledge and understanding of the basic concepts in biology, chemistry, earth and space science, and physics; develop practical skills in science investigation and to apply their knowledge and skills to everyday situations. Students conduct investigations into practical problems and issues related to cells and reproduction; the structure and properties of elements and compounds; static and current electricity; and astronomy and space exploration. A variety of hands-on activities assist students to acquire concepts. Students will use different reporting strategies to facilitate the development of communications skills.

## **OPTIONAL COURSES**

### **The Arts**

#### ***ADA1O1: Drama, Open***

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.

#### ***AMI1O1: Instrumental Music, Band, Open***

*Would you like to learn how to play a band instrument, or do you already have some musical experience?*

*This course gives you beginning instruction along with the study of theory, listening and creative exercises.* This course emphasizes the creation and performance of music at a level consistent with previous experience and is aimed at developing technique, sensitivity, and imagination. Students will develop musical literacy skills by using the creative and critical analysis processes in composition, performance, and a range of reflective and analytical activities. Students will develop an understanding of the conventions and elements of music and of safe practices related to music and will develop a variety of skills transferable to other areas of their life.

#### ***AMV1O1: Vocal/Choral Music, Open***

*Everyone can sing! This course helps you make the most of your voice and serves as an introduction to all vocal courses offered in the school. While learning reading and music listening skills, the emphasis is on developing confidence using your voice and singing with others in a choral setting*

This course emphasizes the creation and performance of music at a level consistent with previous experience and is aimed at developing technique, sensitivity, and imagination. Students will develop musical literacy skills by using the creative and critical analysis processes in composition, performance, and a range of reflective and analytical activities. Students will develop an understanding of the conventions and elements of music and of safe practices related to music, and will develop a variety of skills transferable to other areas of their life.

#### ***AVI1O1: Visual Arts, Open***

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.

#### ***ALC1OU: Arts intégrés, Overt- French Immersion***

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.

*Note: Students in the Grade 9 French Immersion Program will take FIF1DU, CGC1DU and two(2) French Immersion electives*

***AWS101: Digital Media, Open***

With a focus on digital media (e.g. computer graphics, digital camera, scanner), 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 mediums through working with processes, techniques, and styles. Students will learn and use methods of analysis and criticism and characteristics of art.

**Business Studies*****BEM101: Introduction to Business, Open***

In this course, students will learn what makes an entrepreneur thrive and the skills required to succeed in today's business environment. Students will begin to develop their own entrepreneurial mindset, and learn why it's important to take initiative, adapt to change, find creative solutions, and understand the financial considerations of entrepreneurship. This hands-on course will use business software and applications to help students plan and develop their entrepreneurial ideas and learn how to present them to a target audience. Throughout the course, students will enhance their communications skills as well as develop and refine their project management skills, including goal setting, time management, and networking.

**Health and Physical Education*****PPL10F: Healthy Active Living Education, Open (Female)***

This course equips students with the knowledge and skills they need to make healthy choices now and lead healthy, active lives in the future. Through participation in a wide range of physical activities, students develop knowledge and skills related to movement competence and personal fitness that provide a foundation for active living. Students also acquire an understanding of the factors and skills that contribute to healthy development and learn how their own well-being is affected by, and affects, the world around them. Students build their sense of self, learn to interact positively with others, and develop their ability to think critically and creatively.

***PPL10M: Healthy Active Living Education, Open (Male)***

This course equips students with the knowledge and skills they need to make healthy choices now and lead healthy, active lives in the future. Through participation in a wide range of physical activities, students develop knowledge and skills related to movement competence and personal fitness that provide a foundation for active living. Students also acquire an understanding of the factors and skills that contribute to healthy development and learn how their own well-being is affected by, and affects, the world around them. Students build their sense of self, learn to interact positively with others, and develop their ability to think critically and creatively.

***PAI101: Individual and Small Group Activities, Open (CoEd)***

This course enables students to further develop the knowledge and skills they need to make healthy choices now and lead healthy, active lives in the future. Through participation in a wide range of physical activities, students develop knowledge and skills related to movement competence and personal fitness that provide a foundation for active living. Students also acquire an understanding of the factors and skills that contribute to healthy development and learn how their own well-being is affected by, and affects, the world around them. Students build their sense of self, learn to interact positively with others, and develop their ability to think critically and creatively.

***PAI10U: Éducation physique et à la santé, Overt (CoEd)-French Immersion***

This course enables students to further develop the knowledge and skills they need to make healthy choices now and lead healthy, active lives in the future. Through participation in a wide range of physical activities, students develop knowledge and skills related to movement competence and personal fitness that provide a foundation for active living. Students also acquire an understanding of the factors and skills that contribute to healthy development and learn how their own well-being is affected by, and affects, the world around them. Students build their sense of self, learn to interact positively with others, and develop their ability to think critically and creatively. **Emphasis:** This course will develop skills and focus on a variety of individual, dual, and small group activities, such as snowshoeing, orienteering, cycling, yoga, hiking, skiing, and camping.

**Note:** Students in the Grade 9 French Immersion Program will take FIF1DU, CGC1DU and two (2) French Immersion electives.

## Languages

### ***LVLBD1: Latin, Classical Language, Academic***

This course introduces students to the achievements of the Classical world through the study of Latin. Students will learn vocabulary and grammar essential for reading and translating adapted Classical texts. Although English is the language of instruction, students will develop language skills that will enable them to speak and read aloud in the Classical language at a beginner's level. Through a variety of activities, students will explore such aspects of life in the ancient world as trade, commerce, education, entertainment, and social customs. In addition, students will enhance their literacy skills through language study, and will make connections across the curriculum between the Classical world and the world around them.

## Social Sciences and Humanities

### ***HIF101: Exploring Family Studies, Open***

This course explores, within the context of families, some of the fundamental challenges people face: how to meet basic needs, how to relate to others, how to manage resources, and how to become responsible members of society. Students will explore adolescent development and will have opportunities to develop interpersonal, decision-making, and practical skills related to daily life. They will learn about the diverse ways in which families function in Canada and will use research skills as they explore topics related to individual and family needs and resources.

## Technological Education

### ***TAS101: Technology and the Skilled Trades: Open***

This hands-on course enables students to further explore the engineering design process and develop other technological knowledge and skills introduced in earlier grades. Students will design and safely create prototypes, products, and/or services, working with tools and technologies from various industries. As students develop their projects to address real-life problems, they will apply technological concepts such as precision measurement, as well as health and safety standards. Students will begin to explore job skills programs and education and training pathways, including skilled trades, that can lead to a variety of careers.

### ***TDJ101: Technological Design: Open***

This course provides students with opportunities to apply a design process to meet a variety of technological challenges. Students will research projects, create designs, build models and/or prototypes, and assess products and/or processes using appropriate tools, techniques, and strategies. Student projects may include designs for homes, vehicles, bridges, robotic arms, clothing, or other products. Students will develop an awareness of environmental and societal issues related to technological design and will learn about secondary and postsecondary education and training leading to careers in the field.

### ***TEJ101: Exploring Computer Technology: 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. Students will develop an awareness of related environmental and societal issues and will begin to explore secondary and postsecondary pathways leading to careers in the field.

***Emphasis:*** Basic electronic components such as resistors, transistors, capacitors, LEDs, and motors will be introduced in this course. Students will learn the basics in wiring series and parallel circuits along with controlling those circuits with programmable computer chips (Arduino's). Basic computer language through Processing and C++ Arduino will be used to code the computers.



### **TGJ101: Exploring Communications Technology: Open**

This exploratory course introduces students to concepts and skills in communications technology, which encompasses television/video and movie production, radio and audio production, print and graphic communications, photography, and interactive new media and animation. Students will develop an awareness of related environmental and societal issues and will begin to explore secondary and postsecondary pathways leading to careers in the field.

**Emphasis:** *Students will learn how to use the latest video/360 and DSLR cameras as well as audio mixers and microphones. In addition, students may produce content for the “The Banting Video Billboard” Marauder TV and work on live sport productions at lunch and after school. Students will also produce content for Ban\_Width, the school internet radio station and create pages for the Yearbook using photography and graphic layout skills.*

## **SCDSB eLearning**

<b>Departments and Course Titles</b>		<b>Grade 9</b>	<b>Grade 10</b>	<b>Grade 11</b>	<b>Grade 12</b>
<b>CANADIAN AND WORLD STUDIES</b>	Issues in Canadian Geography	<a href="#">CGC1WV</a>			
	Issues in Canadian Geography (Academic) <b>FRENCH</b>	<a href="#">CGC1WUV</a>			
<b>HEALTH AND PHYSICAL EDUCATION</b>	Physical Education: Personal and Fitness Activities (Open)	<a href="#">PAF1OV</a>			