

# SIR ALLAN MACNAB SECONDARY SCHOOL

## GRADE 9 COURSE SELECTION INFORMATION 2021 – 2022

### 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 student must receive a final mark of 50% or higher in order to achieve a credit. A credit is granted to a student by the principal of a secondary school on behalf of the Minister of Education.

#### *Definition of Types of Courses*

**Academic “D”** courses emphasize theory and abstract problems. Academic courses lead to University, College/University, & College type courses.

**Applied “P”** courses focus on practical applications and concrete examples. Applied courses lead to College and some College/University type courses.

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

**Locally Developed “L”** courses focus on essential concepts and basic skills. Locally Developed courses lead to Workplace type courses.

**ENRICHED “E”** courses enrich the content of Academic type courses and introduce grade 9 students to enriched course material. Grade 9 and 10 enriched courses can lead to our Grade 11 AP Prep courses and our Grade 12 Advanced Placement University courses

### MACNAB’S ENRICHED PROGRAM LEADING TO ADVANCED PLACEMENT (AP) PROGRAM

The Enrichment Program at Sir Allan MacNab Secondary School is a set of academic skills, strategies, and content used to build rigorous curricula, prepare students for success in senior Advanced Placement courses (in grades 11 & 12), increase academic challenges, promote independent learning and expose students to assessment techniques useful for success at university. The Enrichment Program is not a prescribed curriculum but rather an enhanced experience to enrich current curriculum standards. Note that there is no obligation for students who take Enriched classes to continue with AP.

### THE ONTARIO SECONDARY SCHOOL DIPLOMA

In order to be eligible for an Ontario Secondary School Diploma (OSSD), a student must

- ♦ earn a minimum of **30 credits (18 compulsory and 12 optional)** credits)
- ♦ complete **40 hours** of community involvement activities
- ♦ successfully complete the Ontario Secondary School **Literacy Test** (or successfully complete the Ontario Literacy Course)

#### *Compulsory Credit Requirements*

##### **18 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)                 | ♦ Group A: 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* |
| ♦ 3 credits in Mathematics (at least 1 in grade 11 or 12)   |   |
| ♦ 2 credits in Science (1 in grade 9 & 1 in grade 10 or 11) |   |
| ♦ 1 credit in French as a Second Language (grade 9)         | ♦ Group B: 1 additional credit in Health and Physical Education, or the Arts, or Business Studies, or Cooperative Education*  |
| ♦ 1 credit in Canadian Geography (grade 9)                  |   |
| ♦ 1 credit in Canadian History (grade 10)                   | ♦ Group C: 1 additional credit in Science (grade 11 or 12) or Technological Education (grades 9 – 12), or Cooperative Education*  |
| ♦ 1 credit in Arts  |   |
| ♦ 1 credit in Health and Physical Education                 |   |
| ♦ 0.5 credit in Civics (grade 10)                           |   |
| ♦ 0.5 credit in Career Studies (grade 10)                   |   |

**\* A maximum of 2 credits in Cooperative Education can count as compulsory**

##### **12 Optional Credits**

In addition to the 18 compulsory credits, students must earn a minimum of 12 optional credits.

#### *Community Involvement Requirements and Procedures*

Once a student finishes elementary school, they can begin to earn their 40 hours of community involvement. Upon completion of hours, students will bring their supervisor-signed form to the Student Services office at MacNab.

#### *Ontario Secondary School Literacy Test Requirements*

All students must successfully complete the Provincial Secondary School Literacy Test in order to earn a secondary school diploma. The test is administered in the spring of grade 10 and is based on Ontario curriculum expectations for language and communication, particularly reading and writing, up to and including grade 9.

This brochure contains information for students transitioning from elementary school to high school. For a complete course calendar see: [hwsb.on.ca](http://hwsb.on.ca).

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## GRADE 9 COURSE SELECTION INFORMATION 2021 – 2022

### GUIDELINES FOR COURSE SELECTION

- ◆ Inappropriate course selections are not always easily corrected once the school year has begun. There is some flexibility in selecting different courses or course levels, and MacNab counsellors and teachers will do everything possible to accommodate a student; however, during the school year, courses are often full and therefore become unavailable to students. As well, a student's entire timetable may have to be changed in order to accommodate one course level change. Choosing the appropriate courses and course levels now can greatly enhance a student's motivation level and overall chance of success.
  - ◆ You may take into consideration the recommendations of your student's grade 8 subject teachers and MacNab Guidance Counsellors, but the decision is completely yours
  - ◆ Students who typically and consistently experience success when working with theoretical concepts and abstract problems should consider choosing academic type courses.
  - ◆ Students who consistently and typically experience greater success when working with practical applications and concrete examples should consider choosing Applied courses.
  - ◆ A student can choose any combination of Applied and Academic classes and does not have to choose all Academic or all Applied courses.
  - ◆ Consider your student's educational and career pathway when selecting courses. References to destination courses, career pathways and prerequisite courses can be found in the System Course Calendar on the Hamilton Wentworth District School Board's website: [hwdsb.on.ca](http://hwdsb.on.ca)
  - ◆ Remember that MacNab Guidance Counsellors are available to assist you and your student with any questions or concerns you may have.
- Please note:** Although it is the wish of many students and their families, there is no government mandate that requires a student to graduate and/or leave high school in 4 years. Some students find that a five-year plan provides a broader and more effective approach in attaining their secondary educational and career pathway.

### GRADE NINE PROGRAM INFORMATION

Students entering grade 9 will take a program of 8 (possibly 9, if they opt for the after-school Musical Repertoire) courses. Each individual course, successfully completed, earns 1 credit. Students study 4 courses in semester one (which runs from September to the end of January), and 4 courses in semester two (which runs from February to the end of June). By the end of the school year, a successful student has earned a total of 8 credits.

### *Grade 9 Courses*

#### **BUSINESS**

BTT1O1 **INFORMATION TECHNOLOGY IN BUSINESS – COMPUTER APPLICATIONS**

#### **LANGUAGES**

FSF1D1 **ACADEMIC CORE FRENCH**  
 FSF1P1 **APPLIED CORE FRENCH**  
 FSF1O1 **OPEN CORE FRENCH**

#### **ENGLISH**

ENG1D1 **ACADEMIC ENGLISH**  
 ENG1D1E **ACADEMIC – ENRICHED ENGLISH**  
 ENG1P1 **APPLIED ENGLISH**  
 ENG1L1 **LOCALLY DEVELOPED ENGLISH**

#### **GEOGRAPHY**

CGC1D1 **ACADEMIC – GEOGRAPHY OF CANADA**  
 CGC1P1 **APPLIED – GEOGRAPHY OF CANADA**

#### **HEALTH & PHYSICAL EDUCATION**

PPL1O1F **HEALTH & PHYSICAL EDUCATION – FEMALE**  
 PPL1O1M **HEALTH & PHYSICAL EDUCATION – MALE**  
 PAQ1O1 **AQUATICS – CO-ED**  
 PAL1O1B **BASKETBALL – CO-ED**  
 PAD1O1 **LEISURE SPORTS**

#### **HUMANITIES AND SOCIAL SCIENCES**

HIF1O1 **EXPLORING FAMILY STUDIES**

#### **MATHEMATICS**

MTH1W1 **MATHEMATICS**  
 MAT1L1 **LOCALLY DEVELOPED MATHEMATICS**

#### **MUSIC**

AMU1O1 **INSTRUMENTAL MUSIC**  
 AMM1O1 **MUSIC & COMPUTERS: SOUND PRODUCTION**

#### **PERFORMING ARTS**

ATC1O1 **DANCE**  
 ADA1O1 **DRAMATIC ARTS**

#### **SCIENCE**

SNC1D1 **ACADEMIC SCIENCE**  
 SNC1D1E **ACADEMIC – ENRICHED SCIENCE**  
 SNC1P1 **APPLIED SCIENCE**  
 SNC1L1 **LOCALLY DEVELOPED SCIENCE**

#### **TECHNOLOGICAL STUDIES**

TIJ1O1C **EXPLORING CONSTRUCTION & GREEN INDUSTRIES**  
 TIJ1O1H **EXPLORING COMPUTER TECH & HOSPITALITY & TOURISM**  
 TIJ1O1T **EXPLORING MANUFACTURING & TRANSPORTATION**

#### **VISUAL ARTS**

AWA1O1 **ARTS & CRAFTS**  
 AVI1O1 **VISUAL ARTS**

## COURSE DESCRIPTIONS

### BUSINESS

#### **Information Technology in Business – Computer Applications, Grade 9, Open, BTT1O1**

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, perform electronic research, communicate electronically, and use common business software. They will also explore possible future occupations in information technology.

### ENGLISH

#### **English, Grade 9, Academic, ENG1D1**

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 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.

#### **English, Grade 9, Applied, ENG1P1**

This course emphasizes key reading, writing, 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.

#### **English, Grade 9, Locally Developed, ENG1L1**

This course provides foundational literacy and communication skills to prepare students for success in their daily lives, in the workplace, and in the Grade 10 English Locally Developed Compulsory Credit course. The course is organized into strands that develop listening and talking skills, reading and viewing skills, and writing skills. In all strands, the focus is on developing foundational literacy skills and on using language clearly and accurately in a variety of authentic contexts. Students develop strategies and put into practice the processes involved in talking, listening, reading, viewing, writing, and thinking, and reflect regularly on their growth in these areas.

### Canada and World Studies

#### **Geography**

##### **Geography of Canada, Grade 9, Academic, CGC1D1**

This course uses a variety of frameworks, including ecozones 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 ecozones in order to understand Canada's diversity and role in the world.

##### **Geography of Canada, Grade 9, Applied, CGC1P1**

This course draws upon students' everyday experiences and uses a variety of frameworks, including ecozones, to help students learn about

the geography of Canada and the country's place in the global community. Students will investigate the interconnections 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.

### HEALTH & PHYSICAL EDUCATION

#### **Health & Physical Education, Grade 9, Open, Females, PPL1O1F**

This course emphasizes female 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, 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.

#### **Health & Physical Education, Grade 9, Open, Males, PPL1O1M**

This course emphasizes male 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, 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.

#### **Aquatics, Recreational Grade 9, Co-ed, Open, PAQ1O1**

This course focuses on water safety skills as well as water sports skill development, sportsmanship, leadership & team-building skills.

#### **Basketball, Grade 9, Open CO-ED, PAL1O1**

This course emphasizes regular participation in basketball. Student learning will focus on the application of movement principles to refine basic court sport skills and participation in drills and game situations to improve understanding of strategies and tactics. Students will examine issues related to healthy eating for sport performance and drug use in professional sports.

#### **Leisure Sports, Grade 9, Open CO-ED, PAD1O1**

This course emphasizes regular participation in low organization games and is designed to provide opportunities to participate for students at all ability levels. Student learning will focus on the application of movement principles to develop basic movement skills and to promote enjoyment of physical activity. 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.

### HUMANITIES & SOCIAL SCIENCES

#### **Exploring Family Studies, Grade 9, Open, HIF1O1**

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.

### LANGUAGES

#### **Core French, Grade 9, Academic, FSF1D1**

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 &, careers. Thematic readings, which include a selection of short stories, articles and poems, will serve as stepping stones to oral and written activities.

#### **Core French, Grade 9, Applied, FSF1P1**

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 conversation, discussions, and presentations. They will also read media-related short articles, poems, and songs and write brief descriptions, letters, dialogues and invitations.

#### **Core French, Grade 9, Open, FSF1O1**

\*by teacher recommendation. Only for students with little to no previous French instruction

### MATHEMATICS

#### **Principles of Mathematics, Grade 9, Academic, MPM1D1**

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.

**Math, Grade 9, Locally Developed, MAT1L1**

This course emphasizes further development of mathematical knowledge and skills to prepare students for success in their everyday lives, in the workplace, in the Grade 10 LDCC course, and in the Mathematics Grade 11 and Grade 12 Workplace Preparation courses. The course is organized by three strands related to money sense, measurement, and proportional reasoning. In all strands, the focus is on developing and consolidating key foundational mathematical concepts and skills by solving authentic, everyday problems. Students have opportunities to further develop their mathematical literacy and problem-solving skills and to continue developing their skills in reading, writing, and oral language through relevant and practical math activities.

**MUSIC****Instrumental Music, Grade 9, Open, AMU1O1**

This course offers students the opportunity to explore various facets of the world of music such as percussion ensembles, digital recording, guitar skills and vocals, as well as instrumental music. 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.

**Music & Computers: Sound Production, Grade 9, Open, AMM1O1**

Students learn about the creative process through mixing, recording and producing music. They will gain first hand knowledge of the music industry as they develop a song from creation and recording through mix and finally marketing. Students will use various music software programs as they record and produce “mixes” and original works for their final project, a completed CD.

**Repertoire, Grade 9, Open, AMR1O1**

Earn an extra credit after school! Repertoire courses run one semester after school. Classes will be organized after the regular school day and will concentrate on the rehearsal and performance of band music. Ensembles will perform regularly.

**PERFORMING ARTS****Dance, Grade 9, Open, ATC1O1**

In this course, students will develop, practice and refine movement skills as well as improve fitness through dance activities that teach body management, movement and rhythm. Students will be exposed to a variety of dance styles and will create their own dance sequences.

**Dramatic Arts, Grade 9, Open, ADA1O1**

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.

**SCIENCE****Science, Grade 9, Academic, SNC1D1**

This course enables students to understand essential concepts in biology, chemistry, earth and space science, and physics; to develop skills in the processes of scientific inquiry; and to relate science knowledge to technological, social, and environmental knowledge. Students will learn about scientific theories and pursue inquiries related to cell division and reproduction, atomic and molecular structures, properties of elements and compounds, the universe and space exploration, and the principles of static and current electricity.

**Science, Grade 9, Applied, SNC1P1**

This course enables students to understand essential concepts in biology, chemistry, earth and space science, and physics; to develop practical skills in scientific investigation; and to apply their knowledge of science to everyday situations. Students will design and conduct investigations into practical problems and issues related to cell division and reproduction, the structure and properties of elements and compounds, astronomy and space exploration, and static and current electricity.

**Science, Grade 9, Locally Developed, SNC1L1**

This course emphasizes reinforcing and strengthening science-related knowledge and skills, including scientific inquiry, critical thinking and the relationship between science, society, and the environment, to prepare students for success in everyday life, in the workplace and in the Science Grade 11 Workplace Preparation course. Students explore a range of topics including science in daily life, properties of common materials, life sustaining processes in simple and complex organisms, and electrical circuits. Students have the opportunity to extend mathematical and scientific process skills and to continue developing their skills in reading, writing, and oral language through relevant and practical science activities.

**TECHNOLOGICAL STUDIES****Exploring Construction Technology & Green Industries, Grade 9, Open TIJ1O1C**

This exploratory course introduces students to concepts and skills in construction technology, which encompasses plumbing, electrical and network wiring, masonry, heating/ cooling, carpentry, and woodworking. The Green Industries part of the course introduces students to concepts and skills related to the green industries – agriculture, forestry, horticulture, floristry, and landscaping.

**Exploring Computer Technology & Hospitality & Tourism, Grade 9, Open TIJ1O1H**

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. The Hospitality and Tourism part of the course introduces students to concepts and skills related to hospitality and tourism, focusing on the areas of food handling, food preparation, the origins of foods, event planning, and local tourism.

**Exploring Manufacturing & Transportation Grade 9, Open TIJ1O1T**

This exploratory course introduces students to concepts and skills related to manufacturing technology, which encompasses technical drawing, properties and preparation of materials, manufacturing techniques, and control systems. The Transportation part of the course introduces students to concepts and skills related to transportation technology, which encompasses the maintenance, servicing, and repair of various types of vehicles, aircraft, and/or watercraft

**VISUAL ARTS****Arts & Crafts, Grade 9, Open, AWA1O1**

Students will be able to develop their skills in projects that include silk screening (T-shirt making), stained glass, ceramics and clay projects, papermaking, and painting projects. This course is open to students who are interested in trying a variety of different craft skills and creating unique, one-of-a-kind projects.

**Visual Arts, Grade 9, Open, AVI1O1**

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 styles. They will learn and use methods of analysis and criticism and will study the characteristics of particular historical periods and a selection of Canadian art and the art of other cultures. Grade 9 Visual Arts will also include “Information and Consumer Design” components such as CD & DVD cover design, T-shirt design and the graphic novel.

**For more information, please contact  
MacNab's Student Services Department:  
905-383-3337**



***Go with Pride***

**SIR ALLAN MACNAB SECONDARY SCHOOL  
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