

Grade 10 Courses Offered at FFSS

(Sorted by Department)

THE ARTS

Dramatic Arts (Open)

ADA 2OR

Strongly Recommend: Dramatic Arts, Grade 9 (ADA1OR), Open

This course provides opportunities for students to explore dramatic forms, conventions, and techniques. Students will explore a variety of dramatic sources from various cultures and representing a range of genres. Students will use the elements of drama in creating and communicating through dramatic works. Students will assume responsibility for decisions made in the creative and collaborative processes and will reflect on their experiences.

Music (Introductory Guitar) (Open)

AMG 2OR

Note: Students will be required to supply their own instrument.

This course emphasizes the performance of music at a level that strikes a balance between challenge and skill. Student learning will include participating in creative activities and listening perceptively. Students will also be prepared to develop a thorough understanding of the language of music, including the elements, terminology, and history. Previous musical experience is not a requirement of this course however students must provide their own acoustic guitar.

Music (Band) (Open)

AMU 2OR

Strongly Recommend: Music, Grade 9 Band (AMU1OR), Open

This course emphasizes the creation and performance of music at a level consistent with previous experience. 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 their understanding of musical conventions, practices, and terminology and apply the elements of music in a range of activities. They will also explore the function of music in society with reference to the self, communities, and cultures.

Music (Introductory Vocal) (Open)

AMV 2OR

This course focuses on VOCAL music. This course emphasizes the performance of music at a level that strikes a balance between challenge and skill. Student learning will include participating in creative activities and listening perceptively. Students will also be required to develop a thorough understanding of the language of music, including the elements, terminology, and history. Previous musical experience is not a requirement of this course.

Visual Arts (Open)

AVI 2OR

Strongly Recommend: Visual Arts, Grade 9 (AVI1OR)

This course enables students to develop their skills in producing and presenting art by introducing them to new ideas, materials, and processes for artistic exploration and experimentation. Students will apply the elements and principles of design when exploring the creative process. Students will use the critical analysis process to reflect on and interpret art within a personal, contemporary, and historical context. The primary focus will be on studio experiences (e.g., drawing, painting, sculpture) which enhance the students' previous knowledge of visual communication, expression, and creative problem solving, by refining technical and critical thinking skills. (\$15 enhancement fee)

Visual Arts (Novice) (Open)**AVI 201**

This course is specifically designed for students who have not taken AVI1OR

This course emphasizes learning through practice; and introducing students to new ideas, materials, and processes for artistic thinking and experimentation. Student learning will include the refined application of the elements and principles of design, incorporating the creative and design processes, and the relationship between form and content. Students will also learn about the connections between works of art and their historical contexts. Course objectives may be achieved either through a comprehensive program or through a program focused on a particular art form. The primary focus will be on studio experiences (e.g., drawing, painting, sculpture) which are DESIGNED TO INTRODUCE and develop the student's knowledge of visual communication, expression and creativity. (\$10 enhancement fee)

Visual Arts (Introductory Photography) (Open)**AWQ 2OR**

Recommend: Visual Arts, Grade 9 (AVI1OR), Open

This course focuses on PHOTOGRAPHY including the basic functions of the 35mm camera and basic darkroom procedures.

This course emphasizes learning through practice, building on what students already know and introducing them to new ideas, materials, and processes for artistic thinking and experimentation. Student learning will include the refined application of the elements and principles of design, incorporating the creative and design processes, and the relationship between form and content. Students will also learn about the connections between works of art and their historical contexts. Course objectives may be achieved either through a comprehensive program or through a program focused on a particular art form. The primary focus will be on learning to use photography through studio experiences which will supplement the students' artistic abilities by introducing technical and critical thinking skills specific to this medium. (\$30 enhancement fee)

CANADIAN & WORLD STUDIES

Canadian History since World War I (Essential)**CHC 2LR**

This course focuses on the connections between the student and key people, events and themes in Canadian contemporary studies. Students explore a variety of topics highlighting individuals and events that have contributed to the story of Canada. The major themes of Canadian identity, internal and external relationships and changes since 1914, are explored through guided investigation. Students have the opportunity to extend analytical skills with a focus on identifying and interpreting events and perspectives and making connections.

Canadian History since World War I (Applied)**CHC 2PR**

This course focuses on the social context of historical developments and events and how they have affected the lives of people in Canada since 1914. Students will explore interactions between various communities in Canada as well as contributions of individuals and groups to Canadian heritage and identity. Students will develop their ability to apply the concepts of historical thinking and the historical inquiry process, including the interpretation and analysis of evidence, when investigating the continuing relevance of historical developments and how they have helped shape communities in present-day Canada.

Canadian History since World War I (Academic)**CHC 2DR**

This course explores social, economic, and political developments and events and their impact on the lives of different groups in Canada since 1914. Students will examine the role of conflict and cooperation in Canadian society, Canada's evolving role within the global community, and the impact of various individuals, organizations, and events on Canadian identity, citizenship, and heritage. They will develop their ability to apply the concepts of historical thinking and the historical inquiry process, including the interpretation and analysis of evidence, when investigating key issues and events in Canadian history since 1914.

Civics (Open) (half credit)**CHV 2OR**

This course explores rights and responsibilities associated with being an active citizen in a democratic society. Students will explore issues of civic importance such as healthy schools, community planning, environmental responsibility, and the influence of social media, while developing their understanding of the role of civic engagement and of political processes in the local, national, and/or global community. Students will apply the concepts of political thinking and the political inquiry process to investigate, and express informed opinions about, a range of political issues and developments that are both of significance in today's world and of personal interest to them.

ENGLISH**English (Essential)****ENG 2LR**

This course provides students who have completed the ENG 1LR course or who have experienced significant difficulties in previous English courses an opportunity to obtain sufficient background and skill developed to prepare them for Grade 11 and 12 Workplace Preparation courses. Whenever possible, ideas will be presented in real-life context, providing students with the opportunity to read, write and explore media topics. Technology will be used wherever appropriate. Assessment and evaluation will be done using a wide variety of strategies.

English (Applied)**ENG 2PR**

Prerequisite: Gr. 9 English (Academic or Applied)

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 (Academic)**ENG 2DR**

Prerequisite: Gr. 9 English (Academic or Applied)

This course extends the range of analytic, reading, writing, oral communication, and thinking skills that students need for success in secondary school academic programs. Students will study and interpret challenging texts from contemporary and historical periods, including novels, poems, plays, and opinion pieces, and will analyze and create effective media works. An important focus will be the thoughtful use of spoken and written language.

FAMILY STUDIES

Clothing (Open)

HNL 2OR

This course introduces students to the world of clothing. Students will gain knowledge about clothing and demonstrate basic skills with various techniques and technologies used to create garments and accessories. Students will learn about the functions of clothing and accessories and what clothing communicates about the wearer. They will learn how to enhance their personal wardrobe by assessing garment quality, developing shopping strategies, and developing an understanding of the advantages and disadvantages of various retail formats. Students will develop research skills as they investigate topics related to clothing.

Raising Healthy Children (Open)

HPC 3OR

This course focuses on the skills and knowledge parents, guardians, and caregivers need, with particular emphasis on maternal health, pregnancy, birth, and the early years of human development (birth to six years old). Through study and practical experience, students will learn how to meet the developmental needs of young children, communicate with them, and effectively guide their early behaviour. Students will develop their research skills through investigations related to caregiving and child rearing.

FRENCH

Core French (Academic)

FSF 2DR

Prerequisite: Gr. 9 French (Academic or Applied)

This course provides opportunities for students to communicate in French about personally relevant, familiar, and academic topics in real-life situations with increasing independence. Students will exchange information, ideas, and opinions with others in guided and increasingly spontaneous spoken interactions. Students will continue to develop their language knowledge and skills through the selective use of strategies that contribute to effective communication. They will also increase their understanding and appreciation of diverse French-speaking communities, and will continue to develop the skills necessary to become life-long language learners.

GUIDANCE & CAREERS

Career Studies (half credit)

GLC 2OR

This course teaches students how to develop and achieve personal goals for future learning, work, and community involvement. Students will assess their interests, skills, and characteristics and investigate current economic and workplace trends, work opportunities, and ways to search for work. The course explores postsecondary learning and career options, prepares students for managing work and life transitions, and helps students focus on their goals through the development of a career plan.

HEALTH & PHYSICAL EDUCATION

Healthy Active Living Education (Open)

PPL 2OF (Female)

PPL 2OM (Male)

This course emphasizes regular participation in a variety of enjoyable physical activities that promote lifelong healthy active living. Student learning will include the application of movement principles to refine skills; participation in a variety of activities that enhance personal competence, fitness, and health; examination of issues related to healthy sexuality, healthy eating, substance use and abuse; and the use of informed decision-making, conflict resolution, and social skills in making personal choices.

Rhythm and Movement (Open)**PAR 2OR (Co-ed)**

Students will have the opportunity to explore various dance styles (ie. hip hop, Latin, creative, folk...), develop their skills and participate in fitness activities. Student learning will include examination of issues related to healthy sexuality and healthy body image.

MATHEMATICS**Essential Mathematics****MAT 2LR*****Prerequisite: Grade 9 Mathematics Credit***

This course emphasizes the extension of mathematical knowledge and skills to prepare students for success in their everyday lives, in the workplace, and in Grade 11 Mathematics Workplace Preparation course. The course is organized in three strands related to money sense, measurement, and proportional reasoning. In all strands, the focus is on strengthening and extending key foundational mathematical concepts and skills by solving authentic, everyday problems. Students have opportunities to extend 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.

Foundations of Mathematics (Applied)**MFM 2PR*****Prerequisite: Gr. 9 Mathematics (Academic or Applied)***

This course enables students to consolidate their understanding of linear relations and extend their problem-solving and algebraic skills through investigation, the effective use of technology, and hands-on activities. Students will develop and graph equations in analytic geometry; solve and apply linear systems, using real-life examples; and explore and interpret graphs of quadratic relations. Students will investigate similar triangles, the trigonometry of right triangles, and the measurement of three-dimensional figures. Students will consolidate their mathematical skills as they solve problems and communicate their thinking.

Principles of Mathematics (Academic)**MPM 2DR*****Prerequisite: Gr. 9 Mathematics (Academic)***

This course enables students to broaden their understanding of relationships and extend their problem-solving and algebraic skills through investigation, the effective use of technology, and abstract reasoning. Students will explore quadratic relations and their applications; solve and apply linear systems; verify properties of geometric figures using analytic geometry; and investigate the trigonometry of right and acute triangles. Students will reason mathematically and communicate their thinking as they solve multi-step problems.

SCIENCE**Essential Science****SNC 2LR*****Prerequisite: Grade 9 Science Credit***

This course emphasizes reinforcing and strengthening science-related knowledge and skills, including scientific inquiry, critical thinking, and the environmental impact of science and technology, to prepare students for success in everyday life and in the workplace. Students explore a range of topics, including science in media, interactions of common materials, interdependence of organisms in communities, and using electrical energy. 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.

Science (Applied)**SNC 2PR*****Prerequisite: Gr. 9 Science (Academic or Applied)***

This course enables students to develop a deeper understanding of concepts in biology, chemistry, earth and space science, and physics, and to apply their knowledge of science in real-world situations. Students are given opportunities to develop further practical skills in scientific investigation. Students will plan and conduct investigations into everyday problems and issues related to human cells and body systems; chemical reactions; factors affecting climate change; and the interaction of light and matter.

Science (Academic)**SNC 2DR*****Prerequisite: Gr. 9 Science (Academic or Applied)***

This course enables students to enhance their understanding of concepts in biology, chemistry, earth and space science, and physics, and of the interrelationships between science, technology, society, and the environment. Students are also given opportunities to further develop their scientific investigation skills. Students will plan and conduct investigations and develop their understanding of scientific theories related to the connections between cells and systems in animals and plants; chemical reactions, with a particular focus on acid–base reactions; forces that affect climate and climate change; and the interaction of light and matter.

TECHNOLOGY**Construction Technology (Open)****TCJ 2OR**

This course introduces students to building materials and processes through opportunities to design and build various construction projects. Students will learn to create and read working drawings; become familiar with common construction materials, components, and processes; and perform a variety of fabrication, assembly, and finishing operations. They will use a variety of hand and power tools and apply knowledge of imperial and metric systems of measurement, as appropriate. Students will develop an awareness of environmental and societal issues related to construction technology, and will explore secondary and postsecondary pathways leading to careers in the industry.

Technological Design (Open)**TDJ 2OR**

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 learn about secondary and postsecondary education and training leading to careers in the field.

Hospitality and Tourism Technology (Open)**TFJ 2OR**

This course emphasizes the scope of the hospitality and tourism industry. Students will study food origins, food-handling techniques and food preparation, health and safety standards, and the use of specialized tools and equipment. They will also investigate travel and tourism activities in Ontario, develop effective communication and management skills, and identify career opportunities in the hospitality and tourism industry.

Communications Technology (Open)**TGJ 2OR**

This course introduces students to communications technology from a media perspective. Students will work in the areas of TV/video and movie production, radio and audio production, print and graphic communications, photography, and animation. Student projects may include computer-based activities such as creating videos, editing photos, working with audio, cartooning, developing animations, and designing web pages. Students will also develop an awareness of environmental and societal issues related to communications technology and explore secondary and postsecondary education and training pathways and career opportunities in the various communications technology fields. (\$10 enhancement fee)

Manufacturing Technology (Open)**TMJ 2OR**

This course introduces students to the manufacturing industry by giving them an opportunity to design and fabricate products using a variety of processes, tools, and equipment. Students will learn about technical drawing, properties and preparation of materials, and manufacturing techniques. Student projects may include a robotic challenge, a design challenge, or a fabrication project involving processes such as machining, welding, vacuum forming, or injection moulding. Students will develop an awareness of environmental and societal issues related to manufacturing and will learn about secondary and postsecondary pathways leading to careers in the industry.

Automotive Transportation Technology (Open)**TTJ 2OR**

This course introduces students to the service and maintenance of vehicles, aircraft, and/or watercraft. Students will develop knowledge and skills related to the construction and operation of vehicle/craft systems and learn maintenance and repair techniques. Student projects may include the construction of a self-propelled vehicle or craft, engine service, tire/wheel service, electrical/battery service, and proper body care. Students will develop an awareness of related environmental and societal issues and will explore secondary and postsecondary pathways leading to careers in the transportation industry.

Small Engines and Recreational Equipment Transportation Technology (Open)**TTJ 2O1**

This course introduces students to the service and maintenance of vehicles, aircraft, and/or watercraft. Students will develop knowledge and skills related to the construction and operation of vehicle/craft systems and learn maintenance and repair techniques. Student projects may include the construction of a self-propelled vehicle or craft, engine service, tire/wheel service, electrical/battery service, and proper body care. Students will develop an awareness of related environmental and societal issues and will explore secondary and postsecondary pathways leading to careers in the transportation industry.