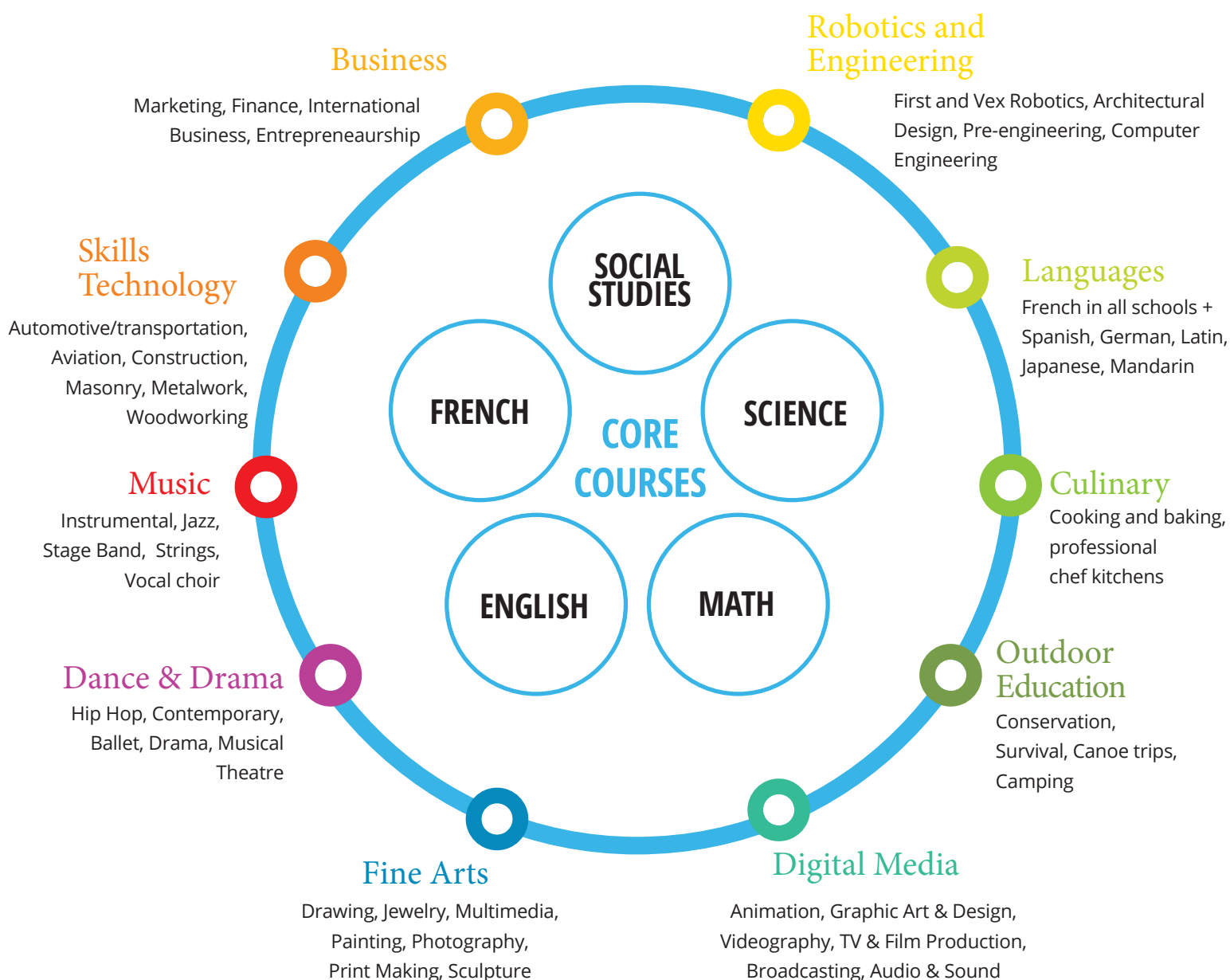


WHAT MAKES CANADIAN EDUCATION UNIQUE?

Students learn best by doing. Canadian education is focused on a HANDS-ON learning approach that combines theoretical and practical study with learning experiences. Core academic skills are augmented by arts, technology and other skills based on each student's intended career goals. Continual assessments allow students to monitor their results and adjust their studies ahead of final course exams. Specific options below vary by school.



SPORTS

Competitive sports are a cornerstone of the high school experience. International students are welcome and encouraged to try out! **In which sport will you be a star?**

Actual sports offered by each school will vary, as may the season in which the sport is played. Regular season play continues into regional and provincial championships. Some sports may require student to try out before being accepted onto a team.

SAMPLE

FALL (Sept to Nov)	WINTER (Dec to Mar)	SPRING (Apr to Jun)
Basketball (Girls)	Badminton	Baseball (Boys)
Cross Country Running	Basketball (Boys)	Rugby
Football (Boys)	Curling	Soccer (Girls)
Golf	Hockey	Track and Field
Soccer (Boys)	Ski (Nordic & Alpine)	
Tennis	Volleyball (Girls)	
Volleyball (Boys)	Wrestling	

CLUBS

Social, art, academic and interest clubs are an ideal environment for international students to meet their classmates in smaller settings. Friendships are more easily made when you already have a common interest. Clubs meet before or after school, or during the lunch hour. **Get involved! It's the best way to make friends!**

SAMPLE

ARTS & CULTURE	SCIENCE & TECH	RECREATIONAL/SPORT
Art Club	DECA competitions	Environment Club
Bands - concert, jazz	Math Club	Geography Club
Choir, Dance, Drama	Robotics Club	Leadership Club
Fashion Show	Science Club	Multicultural Students
French Club	Stage Crew	Prom Committee
Musical Theatre	Yearbook Committee	Outdoor Club
Photography Club		Ski / Snowboard Club
Reading Club		Student Council

PROFILE

Typical School Schedule

TIME	
8am - 9am	Classes begin
Most classes are 70-80 min in duration 4-5 class periods daily	
12pm-2pm	Lunch Period
Typically 40-60 minutes	
2:30pm - 3:30pm	School day ends
After school sports or clubs meet until approx. 4:30-5:00 pm	

Typical School Facilities

School facilities vary. The following are the most common facilities in Canadian schools:	
Classrooms	Gymnasium(s)
Science labs	Sports Fields
Computer labs	Fitness Room
Cafeteria	Art Rooms
Auditorium	Music Rooms
Library/Learning Commons	Dance studio
Student Counsellors	Media Arts
Teaching kitchens	Technology-Workshops
	Student lounges



Age to Grade Equivalencies

AGE (by Dec)	GRADE
12	7
13	8
14	9
15	10
16	11
17	12

TYPICAL COURSES FOR GRADE 11

ONTARIO SCHOOLS

Actual course lists may differ by school, especially in the specialty or specialized courses. Core options are consistent across all schools.



ENGLISH

English	English: Contemporary First Nations, Metis, and Inuit Voices
This course emphasizes the development of literacy, communication, and critical and creative thinking skills necessary for success in academic and daily life. Students will analyze challenging literary texts from various periods, countries, and cultures, as well as a range of informational and graphic texts, and create oral, written, and media texts in a variety of forms. An important focus will be on using language with precision and clarity and incorporating stylistic devices appropriately and effectively.	This course explores the themes, forms, and stylistic elements of a variety of literary, informational, graphic, oral, cultural, and media text forms emerging from First Nations, Métis, and Inuit cultures in Canada, and also examines the perspectives and influence of texts that relate to those cultures. In order to fully understand contemporary text forms and their themes of identity, relationship, and self-determination, sovereignty, or self-governance, students will analyse the changing use of text forms by Indigenous authors/ creators from various periods and cultures in expressing ideas related to these themes. Students will also create oral, written, and media texts to explore their own ideas and understanding, focusing on the development of literacy, communication, and critical and creative thinking skills necessary for success in academic and daily life NOTE: Many schools have adopted this to be the only Grade 11 English course

MATH - GRADE 11

Functions and Applications	Functions
This course introduces basic features of the function by extending students' experiences with quadratic relations. It focuses on quadratic, trigonometric, and exponential functions and their use in modelling real-world situations. Students will represent functions numerically, graphically, and algebraically; simplify expressions; solve equations; and solve problems relating to applications. Students will reason mathematically and communicate their thinking as they solve multi-step problems.	This course introduces the mathematical concept of the function by extending students' experience with linear and quadratic relations. Students will investigate properties of discrete and continuous functions, including trigonometric and exponential functions; represent functions numerically, algebraically, and graphically; solve problems involving applications of functions; investigate inverse functions; and develop facility in determining equivalent algebraic expressions. Students will reason mathematically and communicate their thinking as they solve multi-step problems

MATH - GRADE 12

Mathematics of Data Management	Advanced Functions	Calculus and Vectors
This course broadens students' understanding of mathematics as it relates to managing data. Students will apply methods for organizing large amounts of information; solve problems involving probability and statistics; and carry out a culminating project that integrates statistical concepts and skills. Students will also refine their use of the mathematical processes necessary for success in senior mathematics. Students planning to enter university programs in business, the social sciences, and the humanities will find this course of particular interest.	This course extends students' experience with functions. Students will investigate the properties of polynomial, rational, logarithmic, and trigonometric functions; develop techniques for combining functions; broaden their understanding of rates of change; and develop facility in applying these concepts and skills. Students will also refine their use of the mathematical processes necessary for success in senior mathematics. This course is intended both for students taking the Calculus and Vectors course as a prerequisite for a university program and for those wishing to consolidate their understanding of mathematics before proceeding to any one of a variety of university programs.	This course builds on students' previous experience with functions and their developing understanding of rates of change. Students will solve problems involving geometric and algebraic representations of vectors, and representations of lines and planes in three-dimensional space; broaden their understanding of rates of change to include the derivatives of polynomial, sinusoidal, exponential, rational, and radical functions; and apply these concepts and skills to the modelling of real-world relationships. Students will also refine their use of the mathematical processes necessary for success in senior mathematics. This course is intended for students who choose to pursue careers in fields such as science, engineering, economics, and some areas of business, including those students who will be required to take a university-level calculus, linear algebra, or physics course.

SCIENCES

Biology	Chemistry	Physics
This course furthers students' understanding of the processes that occur in biological systems. Students will study theory and conduct investigations in the areas of biodiversity; evolution; genetic processes; the structure and function of animals; and the anatomy, growth, and function of plants. The course focuses on the theoretical aspects of the topics under study, and helps students refine skills related to scientific investigation	This course enables students to deepen their understanding of chemistry through the study of the properties of chemicals and chemical bonds; chemical reactions and quantitative relationships in those reactions; solutions and solubility; and atmospheric chemistry and the behaviour of gases. Students will further develop their analytical skills and investigate the qualitative and quantitative properties of matter, as well as the impact of some common chemical reactions on society and the environment.	This course develops students' understanding of the basic concepts of physics. Students will explore kinematics, with an emphasis on linear motion; different kinds of forces; energy transformations; the properties of mechanical waves and sound; and electricity and magnetism. They will enhance their scientific investigation skills as they test laws of physics. In addition, they will analyse the interrelationships between physics and technology, and consider the impact of technological applications of physics on society and the environment.

BUSINESS

Financial Accounting Fundamentals	Entrepreneurship: The Venture	Marketing: Goods, Services, Events
This course introduces students to the fundamental principles and procedures of accounting. Students will develop financial analysis and decision-making skills that will assist them in future studies and/or career opportunities in business. Students will acquire an understanding of the accounting cycle for a service and a merchandising business, as well as financial analysis and current issues in accounting.	This course focuses on ways in which entrepreneurs recognize opportunities, generate ideas, and organize resources to plan successful ventures that enable them to achieve their goals. Students will create a venture plan for a school-based or student-run business. Through hands-on experiences, students will have opportunities to develop the values, traits, and skills most associated with successful entrepreneurs.	This course introduces the fundamental concepts of product marketing, which includes the marketing of goods, services and events. Students will examine how trends, issues, global economic changes and information technology influence consumer buying habits. Students will engage in marketing research, develop marketing strategies, and produce a marketing plan for a product of their choice.
Business Leadership - Grade 12 (no prerequisite)		
This course focuses on the development of leadership skills used in managing a successful business. Students will analyze the role of a leader in business with a focus on decision making, management of group dynamics, workplace stress and conflict, motivation of employees, and planning. Effective business communication skills and social responsibility are also emphasized.		

COMPUTER STUDIES

Introduction to Computer Science
This course introduces students to computer science. Students will design software independently and as part of a team, using industry-standard programming tools and applying the software development life-cycle model. They will also write and use subprograms within computer programs. Students will develop creative solutions for various types of problems as their understanding of the computing environment grows. They will also explore environmental and ergonomic issues, emerging research in computer science, and global career trends in computer-related fields.

SOCIAL STUDIES / GEOGRAPHY

Travel and Tourism: A Geographic Perspective
This course focuses on issues related to travel and tourism within and between various regions of the world. Students will investigate unique environmental, sociocultural, economic, and political characteristics of selected world regions. They will explore travel patterns and trends as well as tensions related to tourism, and will predict future tourism destinations. Students will apply the concepts of geographic thinking and the geographic inquiry process, including spatial technologies, to investigate the impact of the travel industry on natural environments and human communities.

SOCIAL STUDIES / CANADIAN & WORLD STUDIES

American History	World History to the End of the Fifteenth Century	Understanding Canadian Law
This course traces the social, economic, and political development of the United States from colonial times to the present. Students will explore the historical context of key developments that shaped the United States, its identity and culture, and its role in the global community. They will extend their ability to apply the concepts of historical thinking and the historical inquiry process, including the interpretation and analysis of evidence, when investigating forces in American history.	This course explores the history of various societies around the world, from the earliest times to around 1500 CE. Students will examine life in and the legacy of various ancient and pre-modern societies throughout the world, including those in Africa, Asia, Europe, and the Americas. Students will extend their ability to apply the concepts of historical thinking and the historical inquiry process, including the interpretation and analysis of evidence, when investigating social, political, and economic structures and historical forces at work in various societies and in different historical eras.	This course explores Canadian law, with a focus on legal issues that are relevant to the lives of people in Canada. Students will gain an understanding of rights and freedoms in Canada, our legal system, and family, contract, employment, tort, and criminal law. Students will use case studies and apply the concepts of legal thinking and the legal inquiry process to develop legal reasoning skills and to formulate and communicate informed interpretations of legal issues, and they will develop the ability to advocate for new laws.

SOCIAL SCIENCE / HUMANITIES

Food and Culture	Understanding Fashion	Introduction to Anthropology, Psychology, and Sociology
This course focuses on the flavours, aromas, cooking techniques, foods, and cultural traditions of world cuisines. Students will demonstrate the ability to cook with ingredients and equipment from a range of cultures, describe food-related etiquette in a variety of countries and cultures, and explore ways in which Canadian food choices and traditions have been influenced by other cultures. Students will have opportunities to develop practical skills and apply research skills as they investigate foods and food practices from around the world.	This course introduces students to the world of fashion. Students will gain an understanding of theories related to fashion trends and of how culture, media, fashion cycles, retailing, and social and environmental factors influence fashion trends and consumer behaviour. Students will use various tools, technologies, and techniques safely and correctly to create fashion items. In addition, students will apply knowledge of fibres, fabrics, and the elements and principles of design when creating and assessing fashion-related products. Students will develop research skills as they investigate topics related to fashion.	This course introduces students to theories, questions, and issues related to anthropology, psychology, and sociology. Students learn about approaches and research methods used by social scientists. Students will be given opportunities to apply theories from a variety of perspectives, to conduct social science research, and to become familiar with current issues within the three disciplines.

ARTS

Dance (prior experience may be required, or student may opt for Grade 9 or 10)	Drama	Digital Media (prior experience may be required, or student may opt for Grade 9 or 10)
This course emphasizes the development of students' artistry, improvisational and compositional skills, and technical proficiency in global dance genres. Students will apply dance elements, techniques, and tools in a variety of ways, including performance situations; describe and model responsible practices related to the dance environment; and reflect on how the study of dance affects personal and artistic development.	This course requires students to create and to perform in dramatic presentations. Students will analyse, interpret, and perform dramatic works from various cultures and time periods. Students will research various acting styles and conventions that could be used in their presentations, and analyse the functions of playwrights, directors, actors, designers, technicians, and audiences.	Using digital media, (e.g. digital camera, computer graphics, photo-imaging software) students will create art works that explore a wide range of subject matter, and will evaluate art works, providing grounds for their aesthetic judgements. They will also examine historical and cultural contexts of Western art (including Canadian art) and art from various world cultures to support their study of specific media
Music, Instrumental, Guitar, Vocal (prior experience may be required, or student may opt for Grade 9 or 10)	Visual Arts (prior experience may be required, or student may opt for Grade 9 or 10)	
This course provides students with opportunities to develop their musical literacy through the creation, appreciation, analysis and performance of music, including traditional, commercial and art music. Students will apply the creative process when performing appropriate technical exercises and repertoire and will employ the critical analysis processes when reflecting on, responding to and analysing live and recorded performances. Students will consider the function of music in society and the impact of music on individuals and communities. They will explore how to apply skills developed in music to their life and careers.	This course focuses on studio activities in the visual arts, such as drawing, painting, sculpture, photography, printmaking, collage, and/or multimedia art. Students will use the creative process to create art works that reflect a wide range of subjects and will evaluate works using the critical analysis process. Students will also explore works of art within a personal, contemporary, historical, and cultural context	

PHYSICAL EDUCATION

Healthy Active Living Education	Outdoor Activities (extra fees may apply)
This course focuses on the development of a healthy lifestyle and participation in a variety of enjoyable physical activities that have the potential to engage students' interest throughout their lives. Students will be encouraged to develop personal competence in a variety of movement skills and will be given opportunities to practice goal setting, decision-making, social, reproductive health, mental health, and personal safety.	The focus of this course is the preparation and participation in three field trips. They include: a canoe trip, cycling trip and a winter camp trip. The development of a healthy lifestyle is emphasized through the participation in the following activities: canoeing, biking, paddle design, camping, ropes course, snowshoeing, cross-country skiing and orienteering. Students will be encouraged to develop personal competence in a variety of movement skills, and will be given opportunities to practice goal setting, decision making, coping, social and interpersonal skills through outdoor experiences

TECHNICAL EDUCATION

Communications Technology – Interactive New Media	Communications Technology, TV and Video Production	Construction Technology
This emphasis course requires students to complete a range of practical projects in the field of interactive media. In this introductory course you will learn 3D Studio modeling basics and examine in depth the concepts, methods, and tools used to create polygonal models. Texture mapping and lighting techniques will be studied to bring photorealistic objects to life for story telling in animated productions. Students will edit their animations in Adobe Premiere Pro CC adding music, sound effects, voice overs and export for distribution. The Unity 3D game engine will be introduced providing students the opportunity to create a virtual walk through or game level.	This emphasis course requires students to complete a range of practical projects in the field of TV and video production. Practical projects may include shooting and producing a movie, video or television program, developing television advertising and commercials, creating video graphics and visual special effects, music videos and cartoon productions. Students will explore the many aspects of video production: produce direct, videotape, edit a music video and shoot a live to tape news broadcast. Students will shoot and produce the school's morning announcements and broadcast live each day.	This course enables students to develop technical knowledge and skills related to carpentry, masonry, electrical systems, heating and cooling, and plumbing for residential construction. Students will gain hands-on experience using a variety of materials, processes, tools, and equipment to design, lay out, and build projects. They will create and read technical drawings, learn construction terminology, interpret building codes and regulations, and apply mathematical skills as they develop construction projects. Students will also develop an awareness of environmental and societal issues related to construction technology, and explore postsecondary and career opportunities in the field.
Custom Woodworking	Hairstyling and Aesthetics (prior experience may be required, or student may opt for Grade 9 or 10)	Hospitality and Tourism, Cook/Food Preparation
This course enables students to develop knowledge and skills related to cabinet making and furniture making. Students will gain Practical experience using a variety of materials, tools, equipment, and joinery techniques associated with custom woodworking. Students will learn to create and interpret technical drawings and will plan, design, and fabricate projects. They will also develop an awareness of environmental and societal issues related to the woodworking industry, and explore apprenticeships, postsecondary training, and career opportunities in the field that may be pursued directly after graduation.	This course enables students to develop knowledge and skills in cosmetology and offers a variety of applications that will equip students to provide services for a diverse clientele. Students will identify trends in the hairstyling and aesthetics industry, learn about related health and safety laws, and expand their communication and interpersonal skills through interactions with peers and clients. Students will also consider environmental and societal issues related to the industry, and will acquire a more detailed knowledge of apprenticeships and direct-entry work positions.	This course enables students to acquire knowledge and skills related to the food and beverage services sector of the tourism industry. Students will learn how to prepare, present, and serve food using a variety of tools and equipment and will develop an Understanding of the fundamentals of providing high quality service to ensure customer satisfaction and the components of running a successful event or activity. Students will develop an awareness of health and safety practices, environmental and societal issues, and career opportunities in the food and beverage services sector.
Technological Design, Architectural Design	Computer Engineering Technology	
This course examines how technological design is influenced by human, environmental, financial, and material requirements and resources. Students will research, design, build, and assess solutions that meet specific human needs, using working drawings and other communication methods to present their design ideas. They will develop an awareness of environmental, societal, and cultural issues related to technological design, and will explore career opportunities in the field, as well as the college and/or university program requirements for them.	This course examines computer systems and control of external devices. Students will assemble computers and small networks by installing and configuring appropriate hardware and software. Students will develop knowledge and skills in electronics, robotics, programming, and networks, and will build systems that use computer programs and interfaces to control and/or respond to external divides. Students will develop an awareness of related environmental and societal issues, and will learn about college and university programs leading to careers in computer technology.	