

## COURSE OPTIONS GRADE 10

### ENGLISH

#### ENG2D1

English, Academic

Prerequisite: ENG1D1 or ENG1P1

This course is designed to extend the range of 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 and evaluate informational and graphic texts, and create oral, written, and media texts in a variety of forms. An important focus will be on the selective use of strategies that contribute to effective communication. This course is intended to prepare students for the compulsory Grade 11 university or college preparation course.

#### ENG2L1

English, Locally Developed

Prerequisite: ENG1L1 suggested

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 LDCC 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 upon their growth in these areas.

#### ELS2O1

Literacy Skills

Prerequisite: None

This course is designed to help students strengthen essential reading and writing skills, providing them with the extra literacy support they need in order to graduate. Students will read informational, graphic, and literary texts, with a focus on locating information, identifying main ideas and supporting details, building vocabulary, and consolidating skills in the application of

key comprehension strategies. The course will also help students develop core learning strategies.

### MATHEMATICS

#### MPM2D1

Math, Academic

Prerequisite: MPM1D1/8

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.

#### MFM2P1

Math, Applied

Prerequisite: MFM1P1/MFM1D1/8

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.

#### MAT2L1

Math, Locally Developed

Prerequisite: MPM2D1 or MCF3M1

This course emphasizes the extension of mathematical knowledge and skills to prepare students for success in their everyday lives, in the workplace, and in the Grade 10 Mathematics Workplace Preparation course. This course is organized in three strands related to money sense, measurements, 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.

### FRENCH

#### FSF2D1

Core French

Prerequisite: FSF1D1/FSF101

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 develop their skills in listening, speaking, reading, and writing 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 develop skills necessary for lifelong language learning.

### SCIENCE

#### SNC2D1

Science, Academic

Prerequisite: SNC1D1/8 or SNC1P1/8

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.

#### SNC2L1

Science, Locally Developed

Prerequisite: SNC1L1 suggested

### HEALTH AND PHYSICAL EDUCATION

**PPL2OF/M:** Healthy Active Living – Female/Male

OR

**PAF2OF/M:** Personal Fitness – Female/Male

OR

**PAQ2OF/M:** Aquatics – Female/Male

Prerequisite: None

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.

### THE ARTS

#### ADA2O1

Dramatic Arts

Prerequisite: None

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.

#### AMI2O1

Music – Band

Prerequisite: None

A performance-based course open to woodwind, brass, and percussion instrument players who have 4+ years of experience. It is highly recommended that anyone enrolled in AMI also take AMR in conjunction.

**AMK201**

Music – Keyboards

Prerequisite: AMS1O1 suggested

Students have the opportunity to learn piano at the equivalent of Royal Conservatory grade 4, or continue their piano studies at a more advanced level.

**AMR201**

Music Repertoire  
(after school)

Prerequisite: None (choose 8 courses plus this)

An after school instrumental band course for any student who has previously taken any level of AMR, or has 4+ years of experience on their main band instrument.

**AMS201**

Instrumental Music – Strings

Prerequisite: AMS1O1

**AMG201**

Music – Guitar

Prerequisite: None

**ATC201**

Dance

Prerequisite: None

This course emphasizes the development of students' technique and creative skills relating to the elements of dance and the tools of composition in a variety of performance situations. Students will identify responsible personal and interpersonal practices related to dance processes and production, and will apply technologies and techniques throughout the process of creation to develop artistic scope in the dance arts.

**AVI201**

Visual Arts

Prerequisite: NAC1O1/AVI1O1 suggested

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.

**AWQ201**

Photography

Prerequisite: NAC1O1/AVI1O1 suggested

This introductory photography course will focus on the development of skills and knowledge in the area of traditional and digital photography. Using digital SLR cameras and Adobe Photoshop, students will learn the basics of photo composition, learn how to manipulate your camera in many modes, get creative with your shots and edit them in incredible ways using Photoshop. Students will increase their understanding of stylistic changes in modern and contemporary photography. Students will produce a portfolio demonstrating a personal approach to photography.

**BUSINESS STUDIES****BBI201**

Intro to Business

Prerequisite: None

This course introduces students to the world of business. Students will develop an understanding of the functions of business, including accounting, marketing, information and communication technology, human resources, and production, and of the importance of ethics and social responsibility. This course builds a foundation for further studies in business and helps students develop the business knowledge and skills they will need in their everyday lives.

**CANADIAN AND WORLD STUDIES****CHC2D1**

Canadian History in the 20<sup>th</sup> Century, Academic

Prerequisite: None

This course explores social, economic, and political developments and events and their impact on the lives of different individuals, groups, and communities, including First Nations, Métis, and Inuit individuals and communities, 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 identities, citizenship, and heritage in Canada. Students will develop an

understanding of some of the political developments and government policies that have had a lasting impact on First Nations, Métis, and Inuit individuals and communities. 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.

**CHC2D8**

Canadian History in the 20<sup>th</sup> Century, ESL

Prerequisite: None

See CHC2D1 for course description.

**COMPUTER STUDIES****ICS2O1**

Introduction to Computer Studies

Prerequisite: None

This course introduces students to computer programming. Students will plan and write simple computer programs by applying fundamental programming concepts, and learn to create clear and maintainable internal documentation. They will also learn to manage a computer by studying hardware configurations, software selection, operating system functions, networking, and safe computing practices. Students will also investigate the social impact of computer technologies, and develop an understanding of environmental and ethical issues related to the use of computers.

**CIVICS AND CAREERS****GLC2O1**

Career Studies, Open

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.

**CHV2O1**

Civics and Citizenship, Open

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.

**SOCIAL SCIENCES AND THE HUMANITIES****HFN2O1**

Food and Nutrition

Prerequisite: None

This course focuses on guidelines for making nutritious food choices. Students will investigate factors that influence food choices, including beliefs, attitudes, current trends, traditional eating patterns, food-marketing strategies, and individual needs. Students will also explore the environmental impact of a variety of food choices at the local and global level. The course provides students with opportunities to develop food-preparation skills and introduces them to the use of social science research methods in the area of food and nutrition.

**TECHNOLOGICAL EDUCATION****TTJ2O1**

Transportation Technology

Prerequisite: None

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

**TCJ201**

Construction Technology

Prerequisite: TCJ101 suggested

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, 136 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.

**TEJ201**

Computer Technology

Prerequisite: TEJ201

This course introduces students to computer systems, networking, and interfacing, as well as electronics and robotics. Students will assemble, repair, and configure computers with various types of operating systems and application software. Students will build small electronic circuits and write computer programs to control simple peripheral devices or robots. Students will also develop an awareness of related environmental and societal issues, and will learn about secondary and postsecondary pathways and career opportunities in computer technology.