

## COURSE DESCRIPTIONS - Grade 11

(NOTE: Copies of all outlines of courses of study are available in the school office for parental perusal. Curriculum documents can be accessed on the Ministry of Education website.)

### Grade 11

#### **AMU3M - Performance and Production Music** (university or college preparation)

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 analyzing 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.

*Pre-requisite:* AMU10 or AMU20 *Text:* None

#### **AMU3O - Performance Music** (open)

This course develops students' musical literacy through performance and the preparation and presentation of music productions. Students will perform works at a level consistent with previous experience. Independently and collaboratively, students will use current technology and the creative and critical analysis processes to plan, produce, present, and market musical productions. Students will respond to, reflect on, and analyze music from various genres and periods, and they will develop skills transferable to other aspects of their life and their careers.

*Pre-requisite:* None *Text:* None

#### **AVI3M - Visual Arts** (university or college preparation)

This course enables students to further develop their knowledge and skills in visual arts. Students will use the creative process to explore a wide range of themes through studio work that may include drawing, painting, sculpting, and printmaking, as well as the creation of collage, multimedia works, and works using emerging technologies. Students will use the critical analysis process when evaluating their own work and the work of others. The course may be delivered as a comprehensive program or through a program focused on a particular art form (e.g., photography, video, computer graphics, information design).

*Pre-requisite:* AVI10 or AVI20 *Text:* None

#### **BAF3M – Financial Accounting Fundamentals** (university or college preparation)

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 accounting for a service and a merchandising business, computerized accounting, financial analysis, and ethics and current issues in accounting.

*Pre-requisite:* None *Text:* *Accounting 1 & Accounting 1 Workbook* (Prentice Hall)

#### **CHW3M – World History to the 16<sup>th</sup> Century** (university or college preparation)

This course explores the history of various societies and civilizations around the world, from earliest times to around 1500 CE. Students will investigate a range of factors that contributed to the rise, success, and decline of various ancient and pre-modern societies throughout the world and will examine life in and the cultural and political legacy of these societies. 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.

*Prerequisite:* CHC2D or CHC2P *Text:* *World Civilizations: A Comparative Study* (Oxford)

**CLU3M - Understanding Canadian Law** (university or college preparation)

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 laws relating to rights and freedoms in Canada; our legal system; and family, contract, employment, tort, and criminal law. Students will develop legal reasoning skills and will apply the concepts of legal thinking and the legal studies inquiry process when investigating a range of legal issues and formulating and communicating informed opinions about them.

Prerequisite: CHC2D or CHC2P     Text: *All About Law* (Nelson)

**ENG3U - English** (university preparation, compulsory)

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. The course is intended to prepare students for the compulsory Grade 12 university or college preparation course.

Pre-requisite: ENG2D     Texts: *Macbeth* (Oxford), *The Great Divorce* (Oxford), *Tale of Two Cities* (Penguin), *Fahrenheit 451* (Simon and Shuster), *Bible* (NIV)

**FSF3U - French** (university preparation)

This course offers students extended opportunities to speak and interact in real-life situations in French with greater independence. Students will develop their listening, speaking, reading, and writing skills, as well as their creative and critical thinking skills, through responding to and exploring a variety of oral and written texts. They will also broaden their understanding and appreciation of diverse French-speaking communities, and will develop skills necessary for lifelong language learning.

Pre-requisite: Core French, Grade 10     Texts: *Discovering French (Rouge)* (Heath)

**HRT3M - World Religions: Beliefs, Issues, and Religious Traditions** (university or college preparation, compulsory at NTCS)

This course provides students with opportunities to explore various world religions and belief traditions. Students will develop knowledge of the terms and concepts relevant to this area of study, will examine the ways in which religions and belief traditions meet various human needs, and will learn about the relationship between belief and action. They will examine sacred writings and teachings, consider how concepts of time and place influence different religions and belief traditions, and develop research and inquiry skills related to the study of human expressions of belief.

Prerequisite: None     Text: *World Religions for Secondary Schools* (Nelson)

**ICS3U – Introduction to Computer Science** (university preparation)

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. Pre-requisite: None     Text: None

**IDC3O - Applied Journalism** (open)

This course will help students create informative print, media, and electronic products for school and community audiences in diverse formats (i.e. the yearbook, newspapers, radio and video broadcasts, photojournalism, and web pages). Students will investigate sources of information and compare differing perspectives on key issues, developing both a sense of news and news judgement. They will also learn editorial conventions and practices, principles of print and web design, and management skills, and will explore legal and ethical uses of information that is made public, as well as journalism careers.

Pre-requisite: None     Text: None

**MCR3U – Functions** (university preparation, compulsory)

This course introduces the mathematical concept of the function by extending students' experiences 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.

*Pre-requisite:* MPM2D *Text:* *Functions 11* (McGraw Hill Ryerson)

**PPL30 – Healthy Active Living Education** (open)

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 and exposure to a broader range of activity settings, students enhance their movement competence, personal fitness, and confidence. 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.

*Pre-requisite:* None *Text:* *Glencoe Health First Canadian Edition* (McGraw Hill Ryerson)

**SBI3U – Biology** (university preparation)

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.

*Pre-requisite:* SNC2D *Text:* *Biology 11* (Nelson)

**SCH3U – Chemistry** (university preparation)

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.

*Pre-requisite:* SNC2D *Text:* *Chemistry 11* (Nelson)

**SPH3U – Physics** (university preparation)

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 analyze the interrelationships between physics and technology and consider the impact of technological applications of physics on society and the environment.

*Pre-requisite:* SNC2D *Text:* *Physics Source 11* (Pearson)