

## Grade 10

### **ADA20 - Dramatic Arts (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.

*Pre-requisite: None Text: None*

### **AMU20 - Instrumental Music (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.

*Recommended Pre-requisite: AMU10 Text: None*

### **AMU30 - 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*

### **AVI20 – Visual Arts (open)**

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.

*Recommended Pre-requisite: AVI10 Text: None*

### **BBI20 - Introduction to Business (open)**

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.

*Pre-requisite: None Text: The World of Business: A Canadian Profile (Nelson Canada)*

### **CHC2D - Canadian History Since World War 1 (compulsory, academic)**

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.

*Pre-requisite: None Text: The Canadian Challenge (Oxford)*

### **CHV20 – Civics and Citizenship (1/2 credit, compulsory, 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.

*Pre-requisite:* None *Text:* *Civics & Citizenship* (Oxford)

### **ENG2D – English** (compulsory, academic)

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 analyze 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.

*Pre-requisite:* *English, Grade 9, Academic or Applied* *Texts:* *The Merchant of Venice* (Oxford), *To Kill a Mockingbird* (Warner), *The Chrysalids* (Wyndham), *Bible* (NIV)

**All ESL courses (levels) are available to students in Grade 9-11 and may also be available to students in Grade 12 depending on scheduling. All required workbooks and textbooks for ESL courses are provided by the school. Students must have a minimum competency of ESLCO in order to be considered for admission to NTCS.**

### **ESLCO – English as a Second Language** (ESL Level 3)

This course further extends students' skills in listening, speaking, reading, and writing in English for a variety of everyday and academic purposes. Students will make short classroom oral presentations; read a variety of adapted and original texts in English; and write using a variety of text forms. As well, students will expand their academic vocabulary and their study skills to facilitate their transition to the mainstream school program. This course also introduces students to the rights and responsibilities inherent in Canadian citizenship, and to a variety of current Canadian issues.

*Pre-requisite:* None

### **ESLDO – English as a Second Language** (ESL Level 4)

This course prepares students to use English with increasing fluency and accuracy in classroom and social situations and to participate in Canadian society as informed citizens. Students will develop the oral-presentation, reading, and writing skills required for success in all school subjects. They will extend listening and speaking skills through participation in discussions and seminars; study and interpret a variety of grade-level texts; write narratives, articles, and summaries in English; and respond critically to a variety of print and media texts.

*Pre-requisite:* None

### **ESLEO – English as a Second Language** (ESL Level 5)

This course provides students with the skills and strategies they need to make the transition to college and university preparation courses in English and other secondary school disciplines. Students will be encouraged to develop independence in a range of academic tasks. They will participate in debates and lead classroom workshops; read and interpret literary works and academic texts; write essays, narratives, and reports; and apply a range of learning strategies and research skills effectively. Students will further develop their ability to respond critically to print and media texts.

*Pre-requisite:* None

### **FSF2D – French** (academic)

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.

*Pre-requisite:* Core French, Grade 9, Academic or Applied     *Text:* *Discovering French (Blanc)* (Heath), *English/French Dictionary* (Larousse)

**GLC20 – Career Studies** (1/2 credit, compulsory, 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.

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

**HRE23 – Christian Studies** (locally developed course, compulsory at NTCS)

This course is intended to help students gain a clear understanding of the doctrines of the Christian faith, along with the history of the Christian church and to understand the implications of living as Christians in the world. Students will gain a clearer understanding of Scripture, the historical context of the Christian faith, along with a systematic study of the Bible, focused on the life of Christ, His message, and the church. Students will explore what it means to have a Christian world view and an understanding of God’s purpose for them as believers in the world.

*Pre-requisite:* None     *Text:* *Bible* (New International Version)

**ICS3U – Introduction to Computer Studies** (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.

*Prerequisite:* None     *Text:* None

**MPM2D – Principles of Mathematics** (academic, compulsory)

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.

*Pre-requisite:* MPM1D     *Text:* *Principles of Mathematics 10* (McGraw Hill Ryerson)

**PPL20 – 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, 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..

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

**SNC2D – Science** (academic, compulsory)

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.

*Pre-requisite: SNC1D*

*Text: Investigating Science 10 (Pearson)*