



## Grade 10 Course Descriptions

### Mandatory Courses

#### **Biblical Studies 21G SIC – BIB21G (7850-21G)**

In Grade 10 Bible students will study the Old Testament, touching on every book, with a focus on main ideas and people. Students will explore some of the main themes, look at major characters like Abraham and Moses, and study some of the traditions and values the Bible has given us. As students observe the world around them and all the rapid changes they face, how they adjust is very important. In order to respond properly, they need to look at where they came from and how they got here. The Old Testament is the story of the origins of humanity, society, and the universe.

#### **English Language Arts 20F – ELA20F (0001-20F)**

In Grade 10 ELA students will read, write, speak, listen, view, and represent literature in traditional, technological and creative methods. Topics include reflective essays, short stories, poetry, and literature studies. The intention of this course is to help students become better writers, readers, and critical thinkers.

#### **Essential Mathematics 20S – ESMT20S (3000-20S)**

This course is intended for students whose post-secondary planning does not include a focus on mathematics and science-related fields. It is a one credit course emphasizing consumer applications, problem solving, decision making and spatial sense. Group and individual work will focus on mathematical concepts and skills encountered in everyday life in a technological society.

#### **Geographic Issues of the 21<sup>st</sup> Century 20F – GEO20F (1180-20F)**

This course offers an overview of the geography of North America, with emphasis on the major regions. The aim of this course is to examine the characteristics of the physical, economic, and social environment of the world and to analyze the interrelationships and interaction among them. The primary focus is on Canada. Current events are an integral part of the course and students will be expected to actively participate in and contribute to class discussions.

#### **Introduction to Applied and Pre-Calculus Mathematics 20S – IAPM20S (3905-20S)**

**(Prerequisite – 65% in Gr. 9 Math)**

This course is intended for students considering post-secondary studies that require a math prerequisite. This course provides students with the mathematical understanding and critical thinking skills that have been identified for specific post-secondary programs of study. The topics form the foundation for topics to be studied in both the Grade 11 Applied Mathematics and Grade 11 Pre-Calculus Mathematics. Students will engage in activities that include the use of technology, problem solving, mental mathematics, and theoretical mathematics to promote the development of mathematical skills. Course content includes: measurement, trigonometry, algebra, factoring and expanding polynomials, powers & exponents, and linear functions.

#### **Physical Education 20F – PE20F (0169-20F)**

The Physical Education program at LCS is designed to establish valuable lifestyle health practices that will maintain health and maximize the potential that God created in our bodies. Instruction will be given in team sports, individual sports, games and fitness practices. Students will: gain knowledge, skills and attitudes for healthy living, demonstrate competency in motor skills, gain the ability to develop and follow a personal fitness plan, demonstrate the ability to make health-enhancing decisions, and work cooperatively and fairly with others.

#### **Science 20F – SCI20F (0120-20F)**

Science 20S is a course designed to teach basic scientific principles and apply them to data obtained in the laboratory. The course covers biology, chemistry and physics. Concepts included are: In Motion, Dynamics of Ecosystems, and Chemistry in Action. All of these topics are introduced and developed by the use of laboratory experiments, with students utilizing observation, measurement, calculation, and graphing skills.



## Electives

### **American History 20G – AHIS20G (0481-20G)**

The primary intent of the American History course is to create a greater understanding of significant historical events that shaped the United States. It is intended to be a survey course with a focus and emphasis on American historical developments that have influenced the world, especially Canada. Students will examine such major events as colonization, the American Revolution, the Constitution, territorial expansion, the Civil War and reconstruction, political-economic-social-cultural developments and foreign policy. A further intent is to identify the personalities who, in a significant way, shaped American history and to examine their contributions.

### **Art 20S – ART20S (0274-20S)**

Students will explore a variety of art media. Each unit will be comprised of technique, theory, history and final projects. Students are encouraged to create an inviting atmosphere that is both positive and accepting of differing abilities and talents. Topics covered include Portrait Drawing, Composition and Illustrations, and Watercolor Landscapes.

### **Band 20S – MS2A20S (0260-20S)**

**(Prerequisite Band 10S or audition)**

This class will provide the structure for students to further develop their instrumental skills that were established in Band 10S. These skills include increased competence on a specific instrument, a working knowledge of music theory, a greater understanding of and increased ability to perform in a large ensemble, and the discipline to model Christ-like professionalism by taking personal responsibility for the ensemble.

### **Choral Music 20S – MS1A20S (0258-20S)**

**(Prerequisite Choral Music 10S or audition)**

Students will continue to explore individual skills and focus on ensemble performance skills. They will continue to develop vocal technique, listening/aural skills, music reading skills, musical independence, expressive and communicative skills, and adaptability as a performer, as well as study, preparation, performance skills and an understanding of historical contexts. Students will also be encouraged to develop an enthusiasm and appreciation of choral expressive art.

### **Computer Science 20S – COSC20S (0280-20S)**

**(online via Informnet)**

**If students are interested taking in Computer Science 20S there will be an initial registration fee of \$150.00. Once students have successfully completed the course the registration fee will be reimbursed.**

Computer Science introduces students to the basics of computer programming and teaches students to solve problems using a combination of logic and creativity. Students are also provided with a firm foundation for further studies in computer science. Students will utilize skills like problem-solving, math and logic skills, and creativity. **You will need Computer Science 20S to continue in Computer Science 30S/40S.**

### **Digital Filmmaking 25S (½ credit) – DFMK25S (0230-25S)**

The purpose of Digital Filmmaking is to provide students with the skills and knowledge to tell stories by combining sound, still images, moving images, text, and graphics into a video product. Students will plan, develop, and produce video projects.

### **Drama 20S – DR1A20S (0239-20S)**

The overall focus of this course will involve a practical introduction to the nature of creative dramatics and the objective will be the development of the student's dramatic resources through a personal exploration of the nature of dramatic activity. The course will include improvisation, role playing, movement, speech, voice activities, writing scripts, and personal response to scripted materials. This course may also involve multiple mandatory field trip opportunities.

### **Entrepreneur 20S – ENTR20S (0319-20S)**

Entrepreneurship focuses on developing the foundational skills and ideas needed to plan and develop a business. This course is relevant to high school students since many are already involved in their communities, and are starting to recognize various needs and opportunities in their areas. Students begin by evaluating innovation, inventions, and innovative ideas. They learn the process of planning, marketing, and implementing a venture. This course is designed for students interested in business principles related to the ownership and management of a business.



## Electives continued

### **French 20F (Prerequisite French 10F) – FRE20F (0403-20S)**

This course aims to develop a well-rounded understanding of the French language, by focusing on reading, writing, speaking and listening. Using this approach, it is expected that students will take risks and begin to build confidence speaking and communicating in French. Topics will include a short story study, as well as theme-based units (ex: physical activity, friendship), with basic error correction and grammar throughout the year.

### **Interactive Media 35S (½ credit) – ITMD35S (0237-35S)** **(Prerequisite – Digital Film Making 25S)**

The purpose of this course is to provide students with the skills and knowledge to create interactive media products that combine video, audio, and interactive components. Prior to taking the course, students should have skills in creating audio and video and understanding of the media production process. Students will plan, develop and publish interactive media.

### **Jazz Band 20S – MS3A20S (0262-20S)** **(must be enrolled in Band 20S)**

This class will provide the structure for students to further develop the skills that were established in Jazz 10S and are required for authentic performance of the styles of music associated with jazz. These skills include: a working knowledge of music theory (specifically jazz theory), the ability to perform various jazz forms, a working knowledge of the history of jazz, an ability to improvise in various styles, and the discipline to model Christ-like professionalism by taking personal responsibility for the ensemble.

### **Personal Finance 20S (New) – PFIN20S (0324-20S)** **(will only be offered based on interest and number of students enrolled in the course)**

Personal Finance focuses on developing fundamental financial literacy skills, including the value of money, basic economics, budgeting, saving, financial institution services, and investing. This is especially relevant to high school students, since they are entering the workforce and are considering future purchases that require financial planning, such as buying a car, travelling, or pursuing post-secondary education.

### **Vocal Ensemble 20S – MS4A20S (0264-20S)** **(must be enrolled in Choral Music 20S)**

This course is an extension of the skills taught in Choral Music 20S. It is an advanced performance oriented Ensemble for Grade 9 and 10 students. Depending on student ability level as well as class productivity, this course may require considerable time spent with course music outside of the class and students must be prepared to give the necessary commitment to this ensemble. Students must successfully complete an audition in September.