



KELOWNA CHRISTIAN SCHOOL

HIGH SCHOOL COURSE SELECTION GUIDE

2020-2021



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HOW TO USE THIS HANDBOOK

The purpose of this booklet is to help you choose courses for your years at Kelowna Christian High School. This guidebook lists the courses that could be offered in the next school year.

Use the information in this booklet to help you select courses that interest you, based on their content and your academic goals. You will be required to take specific courses in order to graduate, and if you plan to attend or to apply to a specific university program after graduation. Please double check to ensure that you are meeting all of your requirements so that you will graduate with the qualifications you require.

CHOOSING COURSES

The courses chosen in Grade 10 determine the Grade 12 courses completed and therefore the post-secondary programs to which students may apply. In order to keep options open it is a good idea to select a high school program that will allow some flexibility.

Plan carefully because the timetable is assembled based on your initial choices. Once the schedule has been built, specific changes may be difficult to implement.

Selection of a course does not ensure that it can appear in your schedule, although every attempt will be made to accommodate you. Select alternative choices and record them on your Selection Form.

If you are unsure about your options, especially if you have questions that pertain to graduation or university entrance requirements, take the time to see the school counselor.

INTRODUCTION

The following includes requirements established by the B.C. Ministry of Education* for graduation from grade 12 **together with requirements specific to Kelowna Christian School** (such as Christian Studies). Meeting these conditions will not necessarily qualify students for admission to specific post-secondary institutions (see University Entrance Requirements). For information on requirements for specific institutions or post-secondary programs in general, please speak with the school counsellor. Courses numbered 10, 11 or 12 earn credits toward graduation. One full course generally equals 4 credits.

** The following is based on the 2018 Graduation Requirements.*

CREDIT REQUIREMENTS

- At least 16 credits of the total credits must be at the Grade 12 level. (English is mandatory--4 credits)
- At least 80 credits are required for graduation. After meeting the above requirements, students may take a range of approved courses to meet this credit requirement.
- CLE, CLC and a Capstone project are requirements for graduation.

GRADUATION PROGRAM EXAMS

- Students in grade 10 will be required to write a Numeracy and Literacy exam. Students in grade 10 may choose to rewrite their Numeracy exam in grade 11 or 12 with the highest score counting on their transcript. Students in grade 12 will write a Literacy exam.

GRADUATION PROGRAM REQUIREMENTS

OVERVIEW

In Grade 10, students enter the Graduation Program and begin earning credit towards their Dogwood Diploma following the new 2018 Graduation Program.

The BC Ministry of Education has designed a new curriculum for grades 10-12. The new curriculum for Grade 10 began in September 2018 and Grades 11-12 began in September 2019. The 2018 Graduation Program consists of 52 required credits + 28 elective credits for a total of 80 credits. In addition, Christian Studies 11 and Christian Studies 12 courses are required for graduation at Kelowna Christian School. Each CS course is worth 4 credits.

CAREER EDUCATION

Career Life Education replaced Planning 10 in the 2018/19 school year. Career Life Connections and a Capstone Project replaced the Graduation Transition Plan in 2019/20. Career Life Education will be completed in Grade 10 and 11, while Career Life Connections and the Capstone Project will be completed by all students in Grade 12.

PROVINCIAL GRADUATION ASSESSMENTS

There are three Provincial Graduation Assessments, the Numeracy Assessment in Grade 10 and the Literacy Assessments in Grade 10 and in Grade 12. Beginning in 2019/20, Grade 10 students are expected to write the Graduation Numeracy 10 and a Graduation Literacy 10 Assessment. Beginning in 2020/21, Grade 12 students are expected to write a Graduation Literacy 12 Assessment.

REQUIRED COURSE CREDITS (60 CREDITS):

Grades 10-12 At-a-Glance

Required Courses	Credits
Christian Studies 11 and 12	8
English 10, 11, 12	12
Social Studies 10 and Social Studies 11 or 12*	8
* KCS anticipates requiring all students enroll in Social Studies 11 to meet this requirement	
Grade 10 and Grade 11 Mathematics	8
Science 10 and Science 11 or 12	8
Physical Education 10	4
Arts Education 10, 11, or 12 and/or an Applied Design, Skills, or Technologies 10, 11 or 12	4
Career Life Education 10	4
Career Life Connections + Capstone 12	4

Please see the attached link for more information on the Graduation Program:

<https://www2.gov.bc.ca/assets/gov/education/kindergarten-to-grade-12/support/graduation/graduation-implementation-guide.pdf>

UNIVERSITY ENTRANCE REQUIREMENTS

Please be aware that each university has its own specific entrance requirements. Some programs within a university will have different prerequisites and alternate acceptable Grade 12 level admission courses. These requirements are subject to change so accessing current information is critical. **University calendars need to be consulted for current admission requirements.** Some B.C. universities require English Placement Tests unless a certain percentage is earned on the English 12 provincial

exam. All universities also require that a certain grade point average be met before students are accepted.

COURSE SELECTION POLICIES

COURSE CHOICE

PLEASE NOTE that although courses are listed in this selection guide, not all courses may be ultimately offered. Ability to offer courses **is subject to class enrollment and timetabling constraints**. Please confirm with Mrs. Wielemaker, Middle & High School Counsellor, to determine which classes will be available each year.

GRADE 10	GRADE 11	GRADE 12
English 10 (2 courses = 4 credits total)	English 11 CWR 11 Lit Studies 11 Comp 11	English 12 Creative Writing 12
Social Studies 10	Social Studies 11	World History 12 Human Geography 12
Math 10 Apprenticeship & Workplace Math 10 Foundations of Math & Precalc 10	Math 11 Apprenticeship 11 Foundations 11 Precalculus 11	Math 12 Precalculus 12 Calculus 12
Science 10	At least one of: Life Sciences 11 Physics 11 Chemistry 11 Environmental Science 11	Anat/Physiology 12 Physics 12 Chem 12 Environmental 12
Career Life Education 10	-	Career Life Connections Graduation Capstone <i>Starting 2019-2020</i>
-	Christian Studies 11	Christian Studies 12
LANGUAGES--French 10 Spanish 10	French 11	French 12

		HUMANITIES-- Economics 12 Psychology 12 Law 12 Drama, Film and TV 12
ARTS-- Contemporary Music 10 Instrumental Music 10 Art Studio 10 Theatre Performance 10 Choral/Choir 10	Contemporary Music 11 Instrumental Music 11 Art Studio 11 Theatre Performance 11 Choral/Choir 11	Contemporary Music 12 Instrumental Music 12 Art Studio 12 Theatre/Performancer 12 Choral Choir 12

Drama 10 Worship 10 Jazz Band 10	Jazz Band 11	Jazz Band 12
ADST --Woodwork 10 Food Studies 10 Electronics/Robotics 10	Media Design 11 Woodwork 11 Food Studies 11 Electronics/Robotics 11	Media Design 12 Woodwork 12 Food Studies 12 Electronics/Robotics 12
PHYSICAL EDUCATION --PE 10	Fitness & Conditioning 11 Active Living/Rec Leadership 11 Outdoor Ed 11	Fitness & Conditioning 12 Active Living/Rec Leadership 12 Outdoor Ed 12

TIMETABLING REQUIREMENTS

Students in Grade 10 will register for 32 credits (8 courses in the timetable). Students in Grade 11 and 12 will register for a minimum of 56 credits over their Grade 11 and 12 years (7 courses per year). All students are required to complete a Christian Studies 11 & 12 as part of their graduation requirement at KCS.

STUDY BLOCKS

Students meeting Kelowna Christian School Graduation requirements may sign up for a **maximum of one study block in each of** their Grade 11 and 12 years. During these blocks, students must agree to work quietly in the assigned study area or be off campus.

COURSE CHANGES

The timetable is created based on students' original choices. Course changes may only be possible in the following situations and only in consultation with a counsellor or administrator.

Course changes may be possible due to timetabling conflicts and student/course suitability prior to the third week of classes. Course changes should be requested during the first week of the semester. These changes may only be possible provided classes are not overloaded and there is minimum disruption to the rest of the student's timetable. The School may require written parental consent for some changes.

LIFE & BIBLICAL STUDIES

CAREER LIFE EDUCATION 10

Credits – 4

Mandatory Graduation Program Course

The Career Life Education curriculum supports students in the process of becoming successful, educated citizens by providing them with opportunities to explore a variety of careers and options for their future. Career Life Education helps students to discover a bridge between classroom learning and workplace and post-secondary realities and is intended to make their learning meaningful and relevant.

An added aim at Kelowna Christian School is to enable students to develop the skills they need to become God-directed individuals who set goals, make thoughtful decisions and take responsibility for pursuing their goals throughout life. Thus, Career Life Education at KCS is taught with an eye towards biblical integration where all topics are viewed through the lens of scripture.

CHRISTIAN STUDIES 11 & CHRISTIAN STUDIES 12

Credits – Each course is worth 4 credits

Mandatory Graduation Program Course

KCS students are required to take an approved Christian Studies course in both their grade 11 and 12 years. The courses offered will vary from year to year; however, they will generally include: a social justice course; a biblical studies course; a Christian living course; and a worship course.

LANGUAGE ARTS

ENGLISH 10

Credits – 4; 2 sections worth 2 credits each

Prerequisite – English 9

Graduation Literacy Assessment

English Language Arts is a foundational curriculum that equips students with the language and literacy skills they will need for success in school, community, career, and life. It provides students with the opportunity to become effective communicators, to develop and express their own ideas, and to think deeply and critically about the ideas of others.

Through their study of language and texts, students have opportunities to develop a lifelong love of reading, writing, and learning and an appreciation for the power, beauty, joy, and artistry of language and texts. As they explore and create written, oral, and visual texts, students expand and deepen their understanding of both real and imaginary worlds, gaining insight into their own lives and the lives of others.

ENGLISH 11

Credits - 4

Prerequisite – English 10

English 11 has a two-fold objective: developing a student's writing ability through structured and creative writing, and deepening his/her understanding of literature. Philosophical and ethical issues will be discussed as students read novels, short stories, poetry, dramas and various articles. Literature will be approached thematically, emphasizing each author's worldview in comparison to a Christian worldview.

ENGLISH 12

Credits - 4 credits;

Prerequisite- English 11

Graduation Literacy Assessment

English 12 is designed to assist students in the continuing development of their reading, writing, listening and speaking abilities. The growth of higher-level critical thinking and analytical skills will be emphasized, particularly as they apply to interpreting literature. The primary means of accomplishing this initiative will be through the examination of several pieces of literature from various literary genres. As an integral part of literature studies and the development of language skills, students will have many opportunities to expand their understanding and utility of the aspects of language. Emphasis will also be placed on developing greater sophistication in writing.

CREATIVE WRITING 12

God chooses to speak to us through story and poetry, and even describes Himself as The Word, ("In the beginning was The Word..." (John 1:1). Creative expression is a part of His nature, and, being made in His likeness, we flourish when we explore our character traits that are fashioned after Him. Participants will write, edit and rewrite in a variety of genres, including, but not limited to, memoirs, blogs, scripts, short fiction, and poetry. Workshopping and critiquing hone the maturity to give and receive vital feedback for a better product and working with real-world deadlines, two marketable skills for the workplace. This course develops expressive, emotional beings who are healthy persuaders and lucid communicators.

SCIENCE

SCIENCE 10

Credits - 4

Prerequisite - Science 9

The Science 10 course focuses on an introduction to and development of the foundational concepts of biology, chemistry, physics and earth science in preparation for the grade 11 and 12 science streams.

CHEMISTRY 11

Credits - 4

Prerequisites - Science 10, and Foundations of Math & Pre-Calculus 10

Using experimental application of the concepts laid down in Science 10, the student will pursue solution chemistry, solubility, the gas laws, thermodynamics and organic chemistry.

CHEMISTRY 12

Credits - 4

Prerequisite - Chemistry 11

Building on the foundation of solution chemistry and thermodynamics, the student will go on to analyze equilibrium systems of saturated solutions, gas reactions and acid/base reactions. The last section deals with oxidation-reduction using electroplating processes and fuel cell technology done in the lab.

PHYSICS 11

Credits - 4

Prerequisites - Science 10 and Foundations of Math & Pre-Calculus 10

The Physics 11 course is an introduction to physics. It is designed to give students insight into what physics is all "about". Students should gain an understanding of the scope, nature, relevance and limitations of physics. The content includes kinematics, dynamics, work, energy, power, momentum, fission and fusion, wave motion and special relativity.

PHYSICS 12

Credits - 4

Prerequisite - Physics 11

This course is intended to provide grounding in the discipline of physics, as the students who take it might subsequently engage in further study of the subject. Kinematics, dynamics and momentum concepts learned in Physics 11 are extended to two dimensions. Knowledge of electrostatics, circuitry and gravitation is also extended. In addition, students are introduced to the topics of circular motion, equilibrium and electromagnetism.

LIFE SCIENCES 11

Credits - 4

Prerequisite - Science 10

The core of Biology 11 includes a survey of representative organisms from each of the five kingdoms. From roses to viruses and fungi to elephants, this course will expose students to a wide variety of the life on earth. The course will be divided into four sections. The first section focuses on methods and principles of biology, including an in-depth study of evolution/creation. The next three sections deal in turn with microbiology, plant biology and animal biology.

ANATOMY AND PHYSIOLOGY 12

Credits – 4

Prerequisite - Life Sciences 11 or Chemistry 11 (strongly recommended)

The core of the Biology 12 course is weighted toward cell and human biology, with a repeating theme of homeostasis and control mechanisms. Topics include basic cell biology and biochemistry, as well as various aspects of human physiology such as the circulatory, digestive and nervous systems. Chemistry 11 is a recommended prerequisite because of the large biochemistry component.

ENVIRONMENTAL SCIENCE 11/12

The purpose of Environmental Science 12 is to learn how we interact with our environment in global ecosystems. The word environment means everything that surrounds us and people's interaction with it. A secondary goal is to support students to find viable ways to diminish our ecological footprint and make a difference by becoming environmentally responsible global citizens.

SOCIAL STUDIES

SOCIAL STUDIES 10

Credits – 4

This course is organized around four 'big ideas'.

- 1) Global and regional conflicts have been a powerful force in shaping our contemporary world and identities.
- 2) The development of political institutions is influenced by economic, social, ideological, and geographic factors.
- 3) Worldviews lead to different perspectives and ideas about developments in Canadian society.

4) Historical and contemporary injustices challenge the narrative and identity of Canada as an inclusive, multicultural society.

SOCIAL STUDIES 11

Credits - 4

Prerequisite - Social Studies 10

Social studies may be flexibly organized around one or more of 10 'big ideas' provided in the provincial curriculum. These range from industrialization and urbanization to First Nations issues. Further information may be obtained by speaking with one of either the Social Studies teaching staff or our school counsellor.

WORLD HISTORY 12

Credits – 4

Prerequisite - Social Studies 11

History 12 is an overview of the history of the world in the twentieth century from just prior to WWI to the present. This course is for those that have a bent towards history or social studies. It provides a good foundation for further courses taken at university or college level.

LAW 12

Credits - 4

Prerequisite - Social Studies 10

This course is designed to give an understanding of our legal system. Course content includes the following: Criminal Law, Torts, Contracts, Family Law, Law and your daily life, and current issues.

PSYCHOLOGY 12

Credits – 4

This course is an introduction to the fields of psychology and psychiatry, intended as a general overview to a wide range of topics that may be of interest to students who wish to enter these and related fields. Some topics to be considered include theory of mind, the mind/body distinction, the history of insanity, the history and development of psychology and psychiatry, social and group psychology, intelligence and creativity, developmental disabilities, and the treatment of mental illness such as schizophrenia, clinical depression, bipolar disorder, obsessive-compulsive disorder, and multiple personality disorder. A wide range of reading, both classical and contemporary, will be employed. Students will also view a number of documentary films and complete regular, in-depth written assignments, tests, and projects. **This course is available to grades 11 and 12 students.**

HUMAN GEOGRAPHY 12

Credits – 4

This course will consider broad questions around how and why humans are both shaped by and shape their physical environment. Emphasis will be placed on local examples of how settlement and development has occurred and continues to occur in the Okanagan. This course is one of the new Social Studies elective courses being offered in the new BC curriculum. Given this, it is possible that specific universities may not accept this as an 'approved' course for their GPA entrance calculations.

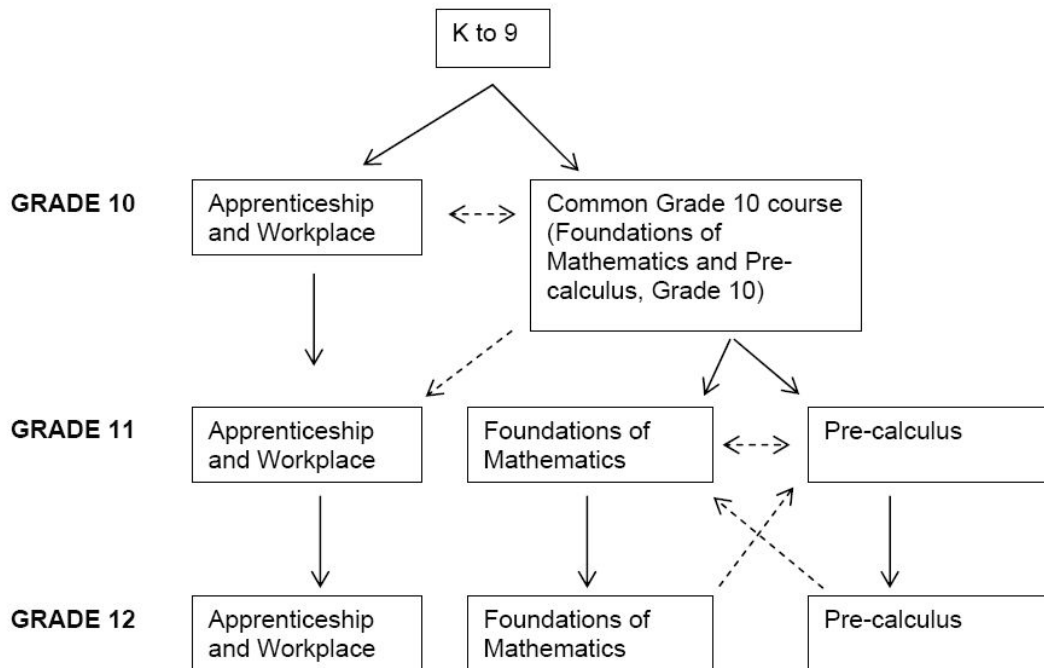
ECONOMICS 12

Credits – 4

Economics 12 provides students with opportunities to analyze the effects of economic activity on our society, the nation, and the global community. Students will gain an understanding of the principles behind government and social policies. The study of economics will give students an understanding of personal, professional, and business decisions regarding the allocation of resources they will be required to make throughout their lives. As well, the study of current economic developments, trends and issues will enable students to improve their educational and career choices.

This course is organized around an understanding of various economic theories. In particular the course considers the implications and applications of these theories in Canada and the world. This course will be of particular interest to students planning or pursuing a course in business.

MATH



MATHEMATICS PATHWAY

APPRENTICESHIP & WORKPLACE MATHEMATICS 10

Credits - 4

Prerequisite - Math 9

This course is designed to provide students with the mathematical understanding and critical-thinking skills required for entry into the majority of trades and for direct entry into the workforce. Topics include measurement (imperial and SI units), geometry and basic trigonometry, consumer decisions, personal finance, and algebraic formulas.

APPRENTICESHIP & WORKPLACE MATHEMATICS 11

Credits - 4

Prerequisite - Apprenticeship & Workplace Mathematics 10 or Foundations of Math & Pre-Calculus 10

This pathway is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into the majority of trades and for direct entry into the workforce. Topics include relations and formulas, slope, income and debt, graph analysis and interpretation, measurement technology, trigonometry.

APPRENTICESHIP & WORKPLACE MATHEMATICS 12

Credits - 4

Prerequisite - Apprenticeship & Workplace Mathematics 11

This course has only been offered online at KCS.

This pathway is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into the majority of trades and for direct entry into the workforce. Topics include measurement, geometry, trigonometry, transformations, puzzles, personal finance and basic business viability.

FOUNDATIONS OF MATHEMATICS & PRE-CALCULUS 10

Credits - 4

Prerequisite - Math 9

This course is designed to provide students with mathematical understanding and critical thinking skills identified for post-secondary studies in both the arts and the sciences. Topics include surface area and volume of 3-D objects, trigonometry, irrational numbers, powers involving integral and rational exponents, polynomials, coordinate geometry, systems of linear equations, and function notation.

FOUNDATIONS OF MATHEMATICS 11

Credits - 4

Prerequisite - Foundations of Mathematics & Pre-Calculus 10

This pathway is designed to provide students with the mathematical understandings and critical-thinking skills identified for post-secondary studies in programs that do not require the study of theoretical calculus. Topics include financial mathematics, geometry, measurement, number, logical reasoning, relations and functions, statistics and probability.

FOUNDATIONS OF MATHEMATICS 12

Credits - 4

Prerequisite - Foundations of Mathematics 11

This pathway is designed to provide students with the mathematical understandings and critical-thinking skills identified for post-secondary studies in programs that do not require the study of theoretical calculus. Topics include financial mathematics, geometry, measurement, number, logical reasoning, relations and functions, statistics and probability. Foundations of Mathematics 12 is offered

subject to student interest. It may be necessary for a student in a particular year to take this course via online.

PRE-CALCULUS MATHEMATICS 11

Credits - 4

Prerequisite - Foundations of Mathematics & Pre-Calculus 10

This pathway is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into post-secondary programs that require the study of theoretical calculus. Topics include algebra and number, measurement, relations and functions, trigonometry, and permutations, combinations and binomial theorem.

PRE-CALCULUS MATHEMATICS 12

Credits - 4

Prerequisite - Pre-Calculus 11

This pathway is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into post-secondary programs that require the study of theoretical calculus. Topics include algebra and number, measurement, relations and functions, trigonometry, and permutations, combinations and binomial theorem.

CALCULUS 12

Credits - 4

Prerequisite - Pre-Calculus Mathematics 12

Equipment required - Graphing Calculator

Calculus 12 is designed for students wishing to be well prepared for science and math studies at university. The course will study the nature of functions, their limits, and their derivatives and anti-derivatives. The course is rigorous but also rewarding in the sense that students will see how the results of calculus illuminate various concepts in science.

LANGUAGES

FRENCH 10

Credits - 4

Prerequisite - French 9

This course is a continuation of the communicative approach of French 8 and 9. Students integrate new verb tenses, vocabulary and idioms into diverse communicative activities. Students develop their oral and reading comprehension using a variety of authentic French speakers and texts. Oral and written production becomes more varied and fluent. Students develop their writing skills through the writing of compositions and assignments. Students should be expressing many ideas in French, and be able to understand and respond to all basic instructions and questions.

FRENCH 11

Credits - 4

Prerequisite - French 10

The emphasis in the French program is on engaging students in meaningful communicative activities in the four language components: listening, speaking, reading and writing. Students employ a wide

variety of vocabulary, verb tenses and idiomatic expressions. Students complete an array of assignments such as: research projects; oral presentations; creative writing compositions; posters; and singing. French is used to listen to, read and view creative works in various formats. Areas of study help develop cultural understanding and appreciation. Language learning strategies include using reference materials and applying new structures and expressions.

FRENCH 12

Credits – 4

Prerequisite - French 11

The emphasis in the French program is on engaging students in meaningful communicative activities in the four language components: listening, speaking, reading and writing. Students employ a wide variety of vocabulary, verb tenses and idiomatic expressions. Students complete an array of assignments such as: research projects; oral presentations; creative writing compositions; posters; and singing. French is used to listen to, read and view creative works in various formats. Areas of study help develop cultural understanding and appreciation. Language learning strategies include using reference materials and applying new structures and expressions.

PLEASE NOTE:

While French 11 is not a requirement for high school graduation in the province of British Columbia, some Canadian post-secondary institutes require a Language 11 course as part of their admissions policy. At Kelowna Christian School, a student that has previously withdrawn from the French program and still desires to complete a Language 11 credit to meet admissions requirements has the following options:

- 1) Enroll in distance education courses that will meet university admission requirements for Language 11 (any applicable course fees must be covered by the student).
- 2) After graduation, complete a first year at a post-secondary institution that does not include Language 11 as an admission requirement, and then transfer to a university based on successful completion of first year courses.

Certain post-secondary degrees, such as a Bachelor of Arts, often require successful completion of second language courses. Having completed grade 12 French in high school, will in some cases, meet this requirement. It is strongly recommended that parents and students spend time researching the language requirements for program options at various post-secondary institutions and make decisions that will provide the student with the most options for post-secondary education.

SPANISH 10

In Spanish, students are expected to engage in increasingly complex and spontaneous oral and written interactions in which they demonstrate their facility with Spanish. Students are able to locate information with confidence, skim for relevant facts, and use Spanish-language resources in their community and elsewhere. As students develop increasing facility with oral and written language, they experience and can respond to both contemporary and traditional works in a variety of genres.

PHYSICAL EDUCATION

PHYSICAL EDUCATION 10

Credits – 4

Graduation Program Requirement

This course places more emphasis on individual and dual activities and less on team sports. The effort of individuals within this program forms a significant part of the final letter grade.

FITNESS & CONDITIONING 11/12

Credits - 4

Prerequisite - Physical Education 10

Course Fee - \$TBD – includes a 4-month H2O pass and transportation to activity venues.

This course is designed to:

- promote a positive attitude towards an active and healthy lifestyle
- develop a student's knowledge, skills and attitudes in improving and maintaining an optimal level of health and fitness
- develop and enhance a student's knowledge and understanding of factors involved in attaining competence in and appreciation for a variety of physical activities
- develop a student's skills in team and individual sports
- give a student experience some lifetime sports that are available in the community.

ACTIVE LIVING/REC LEADERSHIP 11/12

Fees: TBD

This course emphasizes that physical activity is an important part of overall health and well-being. The focus shifts more to achieving individual fitness and wellness goals as well as game play/strategy than skill development. Students will learn to safely participate in a variety of sports and activities for people of different abilities, interest, and cultural backgrounds both on and off-campus. Additionally, students will complete some projects as they learn how nutrients can impact health and performance. PE 12 students will take on a leadership role, both in the class and in the broader school community with regard to organizing, supervising and officiating activities.

OUTDOOR ED 11/12

FEES: \$TBD

Outdoor education involves learning about the outdoors, learning in the outdoors and, most importantly, learning from the outdoors. This course has been developed to introduce students to a variety of outdoor experiences such as backpacking, camping, snow shoeing, winter travel and kayaking. To ensure safety and enjoyment and maximize learning during these experiences, the students will be trained in necessary skills such as trip planning, gear selection, teamwork and communication, navigation, leave no trace ethics, first aid and risk management. Through the challenges encountered and skills acquired during the outdoor education course, the students will develop physically, mentally, emotionally, spiritually and relationally.

APPLIED SKILLS

INFORMATION TECHNOLOGY 10-12

Credits – 2-4; Applied Skills

Not only will students continue to enhance their basic computer skills, but they will also have an opportunity to extend their skills with some advanced photo editing, web creation, programming and other projects – including robots, laser cutting and more!

TECHNOLOGY EDUCATION 11/12 - ELECTRONICS

Credits – 4

Technology Education 11/12: Electronics is intended to be a place where students can be engaged in hands-on project-based learning. Potential projects include construction of an automated submersible.

FOOD STUDIES 10

Credits – 4

Course Fee - \$100

Students will be required to bring occasional ingredients for labs.

This course will consider such topics as safety and sanitation; nutrition; terminology; how the body uses food, how to make healthy food choices, food included in the “others” food group; and meal planning, preparation, service, with emphasis on foods from other cultures. A cultural cookbook will be produced on a country of the student's choice and meals from this cookbook will be prepared.

FOOD STUDIES 11/12

Credits – 4

Course Fee - \$100

Students will be required to bring occasional ingredients for labs.

Food Studies 11 focuses on planning and preparing nutritious food for individuals, groups, and families. Students develop various skills from planning menus to presenting attractive meals, and increase their knowledge of the nutritional, social, and economic factors that affect food selection and preparation. Students will consider safety and the prevention of food-borne illnesses as they handle equipment and food supplies and use appropriate cooking and storage methods. As well as preparing and presenting food, students learn to budget food purchases and manage time and energy. In addition, they assess global issues related to food production and consumption. They also develop their abilities to work individually and in groups.

WOODWORKING 10

Woodwork is about understanding, using, and developing skills in a safe and collaborative environment. On completion, the students should have the ability to design, plan, and undertake a project and present a finished product with a good degree of difficulty. They will be responsible for learning safe procedures and implementing them on a variety of power equipment platforms. They will also be able to choose a correct tool for a purpose and understand how it could be implemented for the desired outcome. Students will be able to adapt to changing circumstances and evaluate how their own work stands up to the criteria set out.

WOODWORKING 11/12

This course has a prerequisite of woodwork 10 and undertakes a higher level of understanding in the mechanics of wood construction and the properties of different types of wood species. Students already have a good understanding of planning and designing and now they will take that into consideration as they research and complete historical and cultural contexts for wood construction and the different aspects of joinery necessary for different applications. Students will be challenged to use both powered equipment and manual tool practices, with a good level of skill, and utilize past techniques in a meaningful way.

MEDIA DESIGN 11/12

Refining your message is crucial in communication. In this course, students will be using the design cycle to explore different digital mediums of design. This course will explore media production and look at designing works for targeted audiences. Students will have the opportunity to develop digital skills using industry standard design software. Students will explore graphic design, video production, video effects, audio production, digital photography, and mixed media. Students will further develop these essential design skills with greater sophistication while engaging in new design projects as they progress through the years. The student's work and learning will be integrated into chapels, theatre productions, and concerts. This course will focus on the following industry applications: Adobe Illustrator, Adobe Photoshop, Adobe Premiere, Adobe After Effects, Adobe Audition, Adobe Indesign.

OUTDOOR EDUCATION 11

Credits – 2; Applied Skills

Course Fee - \$150; Will be used for activities and equipment rental. Added costs may be necessary for certain trips, depending on location and equipment needs.

Outdoor Education 11 is aimed at providing a focus on helping students develop survival knowledge and skills. Students will participate in a variety of outdoor activities, which may include hiking/backpacking, rock climbing, mountain biking, kayaking/canoeing, snowshoeing, fire building, snow shelter building, cross-country skiing and boat licensing. Students will create a portfolio of their experiences in the course, as well as create their own survival kit. During class time, students will receive instruction in the techniques and skills of outdoor activities, as well as learn from guest speakers. Participation in day and weekend activities is mandatory.

GYM ASSISTANT 11

Credits – 2-4; Applied Skills

Prerequisite - Physical Education 10

This course allows students to become involved in organization and management of recreation. Students will assist Physical Education teachers with warm-up, drills, individual instruction and refereeing within a P.E. classroom. **Application forms are available in the Counseling Office.**

GYM LEADERSHIP 12

Credits – 2-4; Applied Skills

Prerequisite - Physical Assistant 11

This course is a follow up to Gym Assistant 11 that allows students to further their leadership and teaching skills. Under the direction of the Physical Education teacher, students will be required to tackle more responsibility in organizing class activities. **Application forms are available in the Counseling Office.**

APPLIED SKILLS – EXTENDED HOURS YEARBOOK 11

YEARBOOK

Credits – 2; Applied Skills OR Community Service Hours

Students interested in working on the production of the school yearbook should be task-oriented and be able to work both independently and in a team situation. Students will work with a versatile online program that allows them to log on and work from home, which will be an expectation to earn 2 credits (50-60 hours of work required). Yearbook involves cover design, theme development, page layout, some photography, journalism and sales. Familiarity with computer desktop publishing is a definite asset. Students considering a career in graphic design or photography should seriously consider taking this course.

Students should be prepared to work extra time during deadline crunches and for school events. Class runs once a week from September to April (Wednesdays from 3:15-4:30pm), and includes school events and work at home as required.

PLEASE NOTE: Students who would like to be part of yearbook on a more casual basis can join for community service hours.

EXTERNAL COURSES

Applied skills credits can also be earned through external courses such as Driver Education Training, First Aid, Water Safety and various categories of computer certification. Please see the Middle & High School Counsellor for a list of Ministry of Education approved courses and requirements, as well as any update on external courses organized by the school.

FINE ARTS

DRAMA 10

Credits – 2; Fine Arts

This course is designed for students who may or may not have had formal acting classes before. The course begins with improvisation, story-telling and theatre games to build confidence. Emphasis is placed on using one's voice effectively. Each student will have several opportunities for performing informal scenes, monologues and scripted plays for an audience.

DRAMA - FILM & TELEVISION 12

Credits – 4; Fine Arts

Offered to Grade 11 and 12 students only

This course, taught from a Christian perspective, focuses on the history of filmmaking from the early development of motion pictures at the turn of the century to an understanding of contemporary cinema. Topics covered may include: Visual storytelling and the Grammar of filmmaking; Early Silent Film and the Studio years; The Transitional Period (Musicals, Westerns, etc.; Independent Film and the Rise of the Blockbuster).

CONCERT CHOIR (MUSIC 10/FINE ARTS 11)

Credits – 4; Fine Arts

Prerequisite - Audition

In Concert Choir, singers will build on the fundamentals of vocal technique, breath support, posture, and enunciation while learning a variety of repertoire from Jazz to Gospel/Sacred/Worship to Pop to Classical music. Performances will include KCS concerts and events, outreaches in the community, and possibly a senior music performance tour/band trip in the spring. The choir may also be entered into competitive or non-competitive festival(s).

CONCERT BAND 10-12

Credits – 4; Fine Arts

In Concert Band, students will meet for 180 minutes of rehearsal each week, be required to practice a minimum amount per month, and complete various short assignments and playing tests. A composition project will be offered at the end of the year. Students will continue to develop their understanding of music theory, playing technique, sight reading, rhythm reading, articulation and dynamics, as well as soloing and improvisation. The Band will play a variety of music from classical to pop/movie music to jazz to gospel to patriotic music. The Band will perform at all KCS concerts and during special events, will fundraise to go on a senior music performance tour/Band Trip in the spring, and may be entered into competitive and/or non-competitive festival(s).

PLEASE NOTE: Offering this course during the regular timetable is contingent upon enrolment.

MUSICAL THEATRE 10-12

Credits – 4; Fine Arts

This provincially approved course will offer a variety of experiences that will enhance the student's understanding of musical theatre (singing, dancing and acting) and support the school drama production.

VISUAL ARTS 10

Credits – 4; Fine Arts

Course Fee - \$25

Visual Arts 10 is an art survey course that builds on the foundations of Fine Arts 8 & 9. Opportunities for a more in-depth study will be offered in the areas of drawing, painting, graphic arts, print-making and some 3-D work.

ART FOUNDATIONS 11

Credits – 4; Fine Arts

Prerequisite: Art 9 or Visual Arts 10 is recommended

Course Fee: \$75; Includes pottery classes

This course will continue or begin a student's exploration of drawing, painting, printmaking, 3-D work and includes an art history research project or presentation. Emphasis will also be placed on learning the creative process and experimenting with different media. Students will be encouraged to focus on an understanding of what it means to be a Christian artist in the world today.

ART FOUNDATIONS 12

Credits – 4; Fine Arts

Prerequisite: Art Foundations 11

Course Fee: \$75; Includes pottery classes

This course will continue or begin a student's exploration of drawing, painting, printmaking, 3-D work and includes an art history research project or presentation. Emphasis will also be placed on learning the creative process and experimenting with different media. Students will be encouraged to focus on an understanding of what it means to be a Christian artist in the world today. In Art Foundations 12, personal image development will lead to an independent study in the area of their choice.

FINE ARTS – *EXTENDED HOURS*

JAZZ ENSEMBLE 10-12

Credits – 4; Fine Arts

Prerequisite - Senior Band or enrollment by audition

In Jazz Band, the smaller ensemble will work exclusively within the many styles of Jazz, Blues, and Latin and will learn Jazz Theory as well as study the contributions of jazz greats such as Duke Ellington, Miles Davis, Louie Armstrong, Dave Brubeck, Antonio Carlos Jobim, and more. Students will develop skills in improvisation and soloing, as well as Jazz articulation, swing rhythm and irregular time signatures, and will work on creating that timeless Big Band sound. Regular practice, playing tests, short written assignments, and a composition project may be requirements of the course. The Jazz Ensemble will perform at KCS concerts, events, and pep rallies, and will fundraise and accompany the rest of the Band and Choir students on the senior music performance tour/band trip in the spring. The ensemble may be entered into competitive or non-competitive festivals.

THEATRICAL PERFORMANCE TEAM - "IMAGINE"

Credits – 4; Fine Arts

Workshops and rehearsals will be scheduled outside of school hours - Mondays and Wednesdays from 7:20-8:40am.

While the primary focus of this course is theatrical performance, it offers students two unique applications. First, the members of this class will form a drama team which will create and perform brief scenes for the purpose of enhancing chapels, church services and conferences during the school year. Secondly, the members in this class will also be directly involved in the production of the school's annual "main stage" theatrical production for that year. Students will be allowed to enroll in the class for three years.

WORSHIP 10

This course involves the establishment of a focused chapel Worship team with a desire to lead the school community to worship through music and song at weekly chapels and other special assemblies.

WORSHIP 11/12

Credits – 4; Fine Arts

Prerequisite - Audition

Course Time - 3 hours per week, schedule to be determined.

This course involves the establishment of a focused chapel Worship team with a desire to lead the school community to worship through music and song at weekly chapels and other special assemblies.

EXTERNAL COURSES

Fine Arts credits can also be earned from external courses such as Royal Conservatory of Music or Dance. Please see the Middle & High School Counsellor for a list of Ministry of Education approved courses and requirements.

CAREER PREPARATION PROGRAMS

WORK EXPERIENCE 12A & 12B

Credits – 4

This program is for Grade 12 students who want to gain some “on the job” experience in an employment sector of interest to them. Prospective students need to be able to find a sponsor employer and provide an updated resume. In order to earn 4 credits, students must successfully complete 120 hours of work experience and keep a journal of hours worked, training received and regular self-evaluations. Applications for this program are available at the Career Counseling centre.

HEALTH, CAREER & PERSONAL PLANNING

CAREER LIFE EDUCATION 10

Credits – 4

Graduation Program Requirement

See above notes.

CAPSTONE PROJECT;

CAREER LIFE CONNECTIONS 12

OTHER EXTERNAL COURSES

It may be possible for students to take or receive credit for courses offered through other institutions (such as distance education and online schools). Requests for further information should be directed to the counseling department.