



Programs of Study

Grade 10

Core:	Credits	Description
Religious Meanings 10	3	Students explore the relevance of religion in the contemporary world, using the Holy Bible as a source for answering man's basic questions of life.
Physical Education 10	5	Encourages students to develop lifelong fitness activities. Emphasis on team sports.
English 10-1	5	A beginning course in the interpretation of literature and basic essay writing skills.
Social Studies 10	5	Covers the development of Canada's sovereignty, national security, and role in the world. Major emphasis is on Canadian citizenship and the structure of government.
Pure Mathematics 10	5	Review of number systems, polynomials and coordinate geometry. Introduction to rational expressions, functions, radicals & exponents and trigonometry.
Mathematics 10 Prep	5	Emphasis is placed on upgrading Grade 9 Math skills in order to enter Math 10 Pure (required for students whose Grade 9 Math mark is less than 65%).
Science 10	5	Introductory general science focusing on the role of energy and its transformations in driving systems and sustaining life. Equal emphasis is placed on Biology, Chemistry, and Physics.

At least one of:

(a) French 10-3y	5	For students with minimal or no background in French.
(c) French 20	5	French for students having completed French 10 entrance requirement or equivalent.

Other Required Courses:

Career & Life Management	3	Designed to help students plan for their futures and prepare them for independent living with a focus on communication, well-being, relationships, sex education, career planning, and independent living skills. *Must be completed by date of graduation.
Service Learning	* N/A	Twenty-five hours of documented service learning activities to be completed in the community, church or school by end of school year. * Each student is eligible to earn 1 credit over their 3 years of Service Learning by registering in CMH2030 – "Community Volunteerism".

Fine Arts

	Credits	Description
--	---------	-------------

At least one of:

(a) Art 10	3	Students combine description, expression and cognition in the drawing process as well as extend their knowledge of and familiarity with the elements and principles of design.
(b) Drama 10	3 or 5	An orientation to basic concepts, skills and attributes in drama. Students are introduced to concepts of movement, speech, improvising and acting, theatre studies, technical theatre design, play writing and directing.
(c) Choral Music 10	3 or 5	Choir is a course with mandatory participation in designated performances.

Options:

Information Processing	variable	An introduction to computer applications, particularly word processing, databases and spreadsheets, presentation software and web page design. Students will explore applications in a level appropriate to their background. <u>Minimum</u> of three 1-credit modules to be completed.
Career Technology Modules	variable	Students may have the opportunity to earn one or more credits in a variety of CTS modules that relate to the school's academic & co-curricular program.
Work Experience / Registered Apprenticeship Program	variable	Students who hold part time jobs outside of school may be eligible for additional credits through the <u>Work Experience</u> or <u>R.A.P.</u> Contact the Principal for details.

Minimum Credits In Grade 10: 39

Credits in music may be available to students engaged in private lessons under a recognized program of study. (Please consult the Principal/Assistant Principal for details.) Private lessons (in voice or piano) may be available from the music teacher. Additional fees will apply for private instruction.

Grade 11

Core:	Credits	Description
Religious Meanings 20	3	Students look at ethical questions facing society today and how Christians view these issues.
English 20-1	5	Focuses on student's reading, writing, speaking, listening, and viewing skills. Emphasis is on the development of reading and writing skills through the study of various literary genres.
Social Studies 20	5	A study of European history from the French Revolution to WWI and a survey of global interaction.
Pure Mathematics 20	5	Covers systems of equations, circle geometry, polynomial functions, quadratic functions, formal reasoning and personal finance.
At least one of:		
(a) French 20	5	Requirement: Successful completion of French 10.
(b) French 30	5	Requirement: Successful completion of French 20.
At least two of:		
(a) Biology 20	5	Covers energy and matter flow and exchange in the biosphere in populations and in living organisms. The human physiology of the digestive, excretory, circulatory, motor, and immune systems is also covered.
(b) Chemistry 20	5	Covers the basic chemistry concepts of bonding, solutions, quantitative relationships in chemical changes and introductory organic chemistry. Students will look at the nature of science, and the relationship between science, technology, and society.
(c) Physics 20	5	An introduction to the science of Physics. Covers kinematics and dynamics, vectors, circular motion and gravitation, and the conservation of energy. (Math 10 Pure with a 70% or completion of Math 20 Pure is <u>strongly</u> recommended.)

Fine Arts & Physical Education

At least one of: *

	Credits	Description
(a) Art 20	3	Students develop and refine drawing skills and styles and also use non-traditional approaches to create compositions in both two and three dimensions.
(b) Drama 20	3 or 5	Students will gain experience in performance and exploration of the elements of theatre.
(c) Choral Music 20	3 or 5	Choir is a course with mandatory participation in specific performances.
(d) Physical Education 20	5	Focuses on individual life skills activities. P.E. 20 is offered in alternating years.

Other Required Course:

Service Learning *See description in Grade 10 listing.

Options:

Information Processing	variable	Students work independently in modules appropriate to their experience level. *See description in grade 10 options.
Career Technology Modules	variable	*See description in grade 10 options.
Work Experience / Registered Apprenticeship Program	variable	*See description in grade 10 options.

Minimum Credits In Grade 11: 36

*Students taking 3 sciences may have their Fine Arts/Physical Education requirements modified by the Principal.

Grade 12

Core:	Credits	Description
World Religion 30	3	Students will be awakened to the universality of religious experience. They will study various beliefs of five great world religions, which should deepen their own belief as well as develop empathy for the beliefs of others.
English 30	5	Continues to develop students' skills in the five strands (reading, writing, speaking, listening and viewing) through the study of various literary genres. Emphasis is on oral and written interpretation and analysis of literature.
Pure Mathematics 30	5	Includes discussion of exponents and transformations, conics, logarithms, polynomials, quadratic and trigonometric functions as well as applications with sequences, permutations, and statistics.
Social 30	5	A study of the contemporary world based on two themes; political and economic systems; and global interaction: conflict and cooperation (WWI to present).

At least one of:

(a) Biology 30	5	This course covers molecular, classical and population genetics and also looks at the human nervous, endocrine and reproductive systems.
(b) Chemistry 30*	5	Introduces students to energy changes, electrochemistry, and acid and base theories.
(c) Physics 30*	5	A continuation of Physics 20. Covers impulse and momentum, forces and fields, electromagnetic radiation and atomic physics.

*At least one of:

(a) French 30*	5	Open to students who have completed French 20.
(b) Mathematics 31*	5	Calculus. (It is recommended that students have an average of 75% in Math 20 or have completed Math 30).
(c) Drama 30	5	Students gain further experience on performance, production, and acting associated with major productions.
(d) Art 30	5	Students use personal experiences as a source for image making, develop and solve design problems, refine drawing skills and study selected artists and periods.
(e) Physical Education 30	5	Introduces students to individual activities such as golf, rock climbing, scuba, bowling and racquet sports. (Offered in alternating years).
(f) Choral Music 30	5	Choir is a full-year course with mandatory participation in specified performances.

Other Required Course:

Service Learning *See description in Grade 10 listing.

Options:

Information Processing	variable	Students work independently in modules appropriate to their experience level. *See description in grade 10 options.
Career Technology Modules	variable	*See description in grade 10 options.
Work Experience / Registered Apprenticeship Program	variable	*See description in grade 10 options.

Minimum Credits In Grade 12: 28

Students must take at least two of the following courses: **Biology 30, Chemistry 30, Physics 30, French 30, Math 31.**

****Students with Math 20 grades of 65% or lower may be required to register in a modified Math 30 course.**

Programs of Study - Overview

The programs of study shown above are designed to provide students with an Alberta High School Diploma in three years of study. Modified academic programs must be approved by the Principal. Students who have a specific post-secondary goal are encouraged to explore entrance requirements and carefully select their Grade 12 courses to meet those requirements. The course listings below reflect the courses at the time of printing. Some changes may occur due to changes in provincial requirements or low demand. Students who successfully complete the described program will receive a Concordia High School Certificate of completion at graduation.

All students beginning their grade 10 or 11 programs at Concordia High School must take a minimum of 3 credits in Information Processing prior to graduating. Students will be required to complete 25 hours of "Service Learning" activities per year.

