



Virtutis · Fides · Scientia

GRACE CHRISTIAN SCHOOL
est. 1980

Graduation Requirements

1. The minimum number of credits required for senior high school graduation (Grade 12) is twenty (20) credits.
2. Compulsory credits include the following:
 - (a) 3 English credits, one of which must be ENG621A
 - (b) 2 math credits
 - (c) 2 science credits
 - (d) 2 social studies credits, one of which must focus on Canadian social studies (including LAW521A, POL521A, ECO621A, HIS621A)
 - (e) 1 physical education credit (PED401A)
 - (f) 1 career education and personal development credit (CEO401A)
 - (g) 1 credit from a designated list that fosters creativity or innovation (WRT521A or CMP521A)
 - (h) Successful completion of the Prince Edward Island Secondary Literacy Assessment.
3. The number of Grade 12 level credits which a student is required to complete is five (5) full course credits.
4. Full-course credits will consist of 110 hours of instruction time. A student will be awarded a credit upon completion of the course and with a pass mark of 60%.
5. GCS students must also earn 3 Christian Ethics credits to graduate.

High School Courses and Descriptions

English

World Literature – ENG421A - Grade 10

This course introduces students to classic works of literature from various time periods and regions. Students are exposed to a diversity of writing styles which illustrate a range of literary devices or themes. Students are taught to see the impact of literature on the course of history while also viewing literature as a means of reflecting its time. The study of vocabulary, spelling, and grammar is included in this course.

North American Literature – ENG521A - Grade 11

This course presents great works of American literature as a reflection of the American people, underlining their faith, doubts, longings, accomplishments, and emotions. Various notable authors, their works, and the literary movements which reflect American history are studied. The study of vocabulary, spelling, and grammar is included in this course.



Virtutis · Fides · Scientia

GRACE CHRISTIAN SCHOOL
est. 1980

British Literature – ENG621A - Grade 12

This course provides an overview of British literature from the time of the Anglo-Saxons to the writings of the twentieth century. The profound effect of English history upon its literature is stressed. In addition to reading works of the great English writers and poets such as Shakespeare, Chaucer, Milton, Wordsworth, and many others, the course illustrates the development and formation of the English language. The study of vocabulary, spelling, and grammar is included in this course.

Creative Writing – WRT521A - Grade 11

This is a comprehensive course in writing which exposes students to various writing styles and gives them practice in using them. News reporting, persuasive writing in the form of editorials, journaling, as well as the opportunity to use various literary techniques in narrative writings are offered. Students have opportunity to partake in the development of a complete work from its first idea to its final publication.

Grade 12 English AP – ENG621S – Grade 12

This course has been audited and approved by the College Board as an AP Course, and is designed in a way to help students succeed on their AP Language exams. Students in this introductory college-level course read and carefully analyze a broad range of fiction prose, poetry, and songs as they build their rhetorical awareness regarding how literature deals with societal issues. Students will learn close reading skills that will help them identify information or ideas of importance, and will improve writing skills through frequent practice. Students will read expository, descriptive, analytical, personal, and argumentative pieces, identifying the opinion and purpose that each author had in writing, and carefully interpreting meaning using skills such as social-historical context, interpretation of symbolism, and identification of tone and mood in writing.

English as a Second Language – ESL701A/B/C/D – Grade 10-12

(701C description) This intermediate level course will be offered to students who already speak at least one other language, or who come from a home in which another language is used. This course will support students' further development and progression of English language proficiency, which is required for success in school and in the community. It will be highly recommended to students whose English language proficiency level in listening, speaking, reading, and writing is assessed at the intermediate level, or for those who have successfully completed EAL701A and EAL701B. This course provides students with ample opportunities to listen, speak, read, and write in English. The emphasis of this course is on the four interrelated strands: listening, speaking, reading, and writing.



Virtutis · Fides · Scientia

GRACE CHRISTIAN SCHOOL
est. 1980

Mathematics

Math 10 – MAT421A - Grade 10

This is an introductory academic high school math course covering topics such as: arithmetic sequences and series, polynomials, relations and linear functions, co-ordinate geometry, and introductory trigonometry.

Math 11 – MAT521A - Grade 11

This is a second level academic math course covering the following topics: systems of linear equations, quadratic functions, trigonometry, matrices, and personal finance applications.

Prerequisite: MAT421A

Pre-Calculus 12 – MAT621B - Grade 12

This is a third level academic math course covering: logarithms and exponential functions, transformations, geometric sequences and series, trigonometry, introductory calculus, combinatorics, probability, and Boolean algebra.

Prerequisite: MAT521A

Calculus 12 – MAT611B – Grade 12

This is an introductory calculus course which is intended for students planning to enroll in post-secondary programs that require the study of calculus, such as engineering or most science programs. It introduces students to topics such as limits and continuity, derivatives and their applications, and integrals and their applications.

Prerequisite: MAT621B

Science

Chemistry I – CHM521A - Grade 11

This is the first high school science course to deal exclusively with the exploration of chemistry. In this academic course, students will explore: the classification and states of matter; measurement and mathematical applications; atomic structure and the quantum model; the periodic table; chemical bonding; molecular structure; chemical composition and nomenclature; chemical reactions and stoichiometry; the nature of gases; and, the gas laws.



Virtutis · Fides · Scientia

GRACE CHRISTIAN SCHOOL

est. 1980

Chemistry II – CHM621A - Grade 12

This academic course builds on the basics of Chemistry I to discuss: intermolecular forces; the natures of solids and liquids; water as a unique compound; solutions and calculating measures of concentration; thermodynamics and kinetics; chemical equilibria; acids, bases and salts; redox reactions; electrochemical reactions; and, introductions to organic chemistry, biochemistry, and nuclear chemistry.

Prerequisite: Chemistry I

Physics – PHY621A - Grade 12

This academic physics course focuses on mechanics and dynamics including study in the areas of: measurement and calculation; linear motion, both uniform and accelerated; vectors and scalars; projectile motion; dynamics and forces; Newton's laws; circular motion and Kepler's laws; gravitation; friction; work and energy, both kinetic and potential; and, ideal strings, pulleys and springs, light and colour, electricity, and modern physics.

Biology I – BIO521A - Grade 10

This introductory biology course presents life as God created it and controls it. Students will study the living world around them: the things they can see, touch and identify. The units of study include: botany, human physiology and anatomy, zoology and natural history, and ecology.

Biology II – BIO621A – Grade 12

This is the second biology course offered in high school. It builds upon, in part, the knowledge and skills obtained from Biology I and will provide students with the opportunity to increase their scientific literacy by continuing to develop foundational knowledge and skills and to make connections between the life sciences, technology, society, and the environment. The units of study include: the scientific method, the science of life (chemistry, cytology, genetics, creation, evolution); the science of organisms (classification, microbiology, zoology, ecology); and the study of human life (human anatomy, physiology, reproduction).

Social Studies

Political Science – POL521A - Grade 10

This is an academic course introducing students to types of government with emphasis on the fundamentals of the Canadian parliamentary system including: branches and functions of government, the voting process, party systems, media, the constitution and law-making.



Virtutis · Fides · Scientia

GRACE CHRISTIAN SCHOOL
est. 1980

Law – LAW521A - Grade 11

This is an academic course introducing students to the Canadian legal system. It covers topics including: rights and freedoms, criminal law and trial procedures, tort law, and family law.

Economics – ECO621A - Grade 12

This is an academic course which includes a practical entrepreneurship component in partnership with the Junior Achievement Student Venture program. Topics covered include: economic models, economic systems, role of government, micro-economics and the circular flow model, supply and demand, types of business (sole proprietorship, corporations, etc.), budgeting and household finance.

Canadian History – HIS621A - Grade 10-12

Canadian History was developed specifically to represent an Atlantic Canadian perspective on our national historical narrative. The course is organized into thematic units which address persistent questions in Canada's history. This course emphasizes the importance of student inquiry and research using historiography and the historical method in the examination of Canada's history. Key topics studied through these approaches include, but are not limited to, First Nations, Colonialism, Confederation, World Wars, Free Trade, Constitutional Issues, Canada's Role in the Global Community, Industrialization, Human Rights Issues, and Immigration/Migration.

Students will be encouraged to think critically about the historical narrative of Canada and to observe the impact that our history has on the state of our country today.

***Offered online*

Christian Ethics

Christian Ethics 1 – ETH421A - Grade 10 (Offered every other year)

*This course is designed to help students understand why they are alive and God's amazing plan for them. Using the Bible and Rick Warren's book *The Purpose Driven Life* the year will be spent answering the question, "What on earth am I here for?" Students will gain a deeper understanding of who God is and how to develop a more meaningful relationship with Him. Scripture reading and memorization, reading of Christian Living books, and community service are also part of this course.*



Virtutis · Fides · Scientia

GRACE CHRISTIAN SCHOOL

est. 1980

Christian Ethics II – ETH521A - Grade 10 (Offered every other year)

This course focuses on the personal development of a Christian Worldview. Let God Be God is a study of the nature and character of God. It is based on the premise that the more we know and understand God through a careful study of His Word, the greater will be our personal challenge to maintain a deep relationship with him. Scripture reading and memorization, reading of Christian Living books, and community service are also part of this course.

Worldviews – PHL621A - Grade 11/12 (Offered every other year)

This academic comparative philosophy course examines four major world views (Biblical, secular humanistic, Marxist, and cosmic humanistic) by applying their principles to theology, philosophy, ethics, biology, psychology, sociology, law, and politics.

Family Life – FAM621A - Grade 11/12 (Offered every other year)

This academic family life course is based on the Biblical principles of relationships. It covers topics such as: maturity, communication, interpersonal relationships, conflict resolution, financial management, dating and courtship, engagement and marriage.

Electives

Accounting Principles – ACC621A - Grade 12

Accounting Principles is an introductory course that includes concepts, procedures, and applications. It is designed for students who plan to take advanced accounting courses at the college or university level. This course will have entrance recognition at Holland College with the curriculum designed to link to post-secondary opportunities in the study of Accounting and Business. This course includes the eight steps of the accounting cycle, subsidiary ledger accounting, accounting for a merchandising business & specialized journals.

Introductory Computer Studies – CMP521A - Grade 11

This is an introductory Computer Science course. It is an academic level course designed to give students an understanding of the computer and its effect upon society. The focus of this course is to develop problem solving skills with various software applications and programming and addresses the following computer areas: history of computers, computer hardware, and programming via graphical interface and Python.



Virtutis · Fides · Scientia

GRACE CHRISTIAN SCHOOL
est. 1980

Physical Education – PED401A – Grade 10

The Physical Education course is designed to provide an involvement opportunity for students that have an interest in sports, fitness, and physical education. The course offers a number of activities that will provide the student with skills to remain active upon graduation. In addition, students will develop an appreciation for an active lifestyle and an in-depth understanding of biometrics and kinesiology.

Cooperative Education – CWS501A/B / CWS601A/B - Grade 11/12

Cooperative Education is an experiential method of learning that formally integrates classroom studies with learning through productive work experiences in a field related to a student's academic or career goals. It provided progressive experiences in integrating theory and practice. The cooperative education course is a partnership among students, school and the community with specified responsibilities for each. This course consists of a classroom component and placement component.

Career Explorations & Opportunities – CEO401A – Grade 10

Career Explorations & Opportunities is a course which enables students to develop the skills they need to become self-directed individuals who set goals, make thoughtful decisions, and take responsibility for pursuing their goals throughout life. Students will explore a wide range of post-secondary education and career options, think critically about health issues and decisions, develop financial literacy skills related to pursuing their education and career goals, and begin planning for their transition beyond secondary school.

The course provides relevant and experiential learning opportunities, helping students relate their learning in school to the demands of the working world and the expectations of society. It also provides opportunities for students to develop skills, attitudes, and behaviours that will allow them to manage their lives more purposefully and effectively, enhance their personal well-being, and realize their full potential.