

ST. PETER THE APOSTLE
CATHOLIC HIGH SCHOOL
COURSE DESCRIPTIONS
2019 – 2020



Grade 9 Option Courses

Advertising 9: Find out the meaning behind advertising. Have you ever wondered: Are there really 1000 chocolate chips in every bag of Chips Ahoy? Do Pillsbury Pizza Pops really have more stuff? Find out the answers to these questions and learn about the world of consumer advertising and marketing. Explore the attention, interest, desire and action tactics used to market products and create your own advertisement!

Art 9: Students will use a variety of techniques with various media as they explore and expand their ability to create and present. Students are exposed to drawing, painting, sculpting, as well as two and three-dimensional work.

Choral 9: This program seeks to develop musical competency through the concepts of rhythm, melody, harmony, form and expression. **Students will participate in various performances throughout the year.**

Coding and Robotics 9:

Coding: Students will explore various computer programming concepts in this project-based course. Students will build different types of apps and/or games while learning the fundamentals of computational thinking and coding.

Robotics: Students will develop general understanding of robotics and the robotics environment. Students will design, develop, implement and debug robotic programs that employ standard and structured programming constructs and simple data structures.

Dance 9: This is an introductory course that will deal with the fundamentals of dance (primarily jazz). This course will expose students to a variety of dance styles, techniques and possibilities. Emphasis will be on dance for physical fitness and well being.

Design Studies 9: Learn about the design process and what the job of designers and architects entails. Develop a portfolio of sketches, drawings, designs and models. Students will be introduced to drafting and software used in the design field.

Drama 9: Students will explore script and character development and continue to develop their public speaking and acting abilities. Students will perform in class in order to gain confidence in speaking and performing in front of an audience.

English as a Second Language 9: The ESL program at SPA provides personalized supports for students who are learning English. Our ESL teacher collaborates with teachers across subject areas to reinforce English language skills that are required for academic success.

Fashion Studies 9: Fashion affects all aspects of our daily lives – in the home, in the workplace, and in the environment. This introduction to the Fashion strand of Career and Technology Studies involves the study of design and production of clothing, textiles and accessories. Students learn how to safely use and care for sewing and pressing equipment and apply these skills during project assembly.

Foundations of Math 9: An option that challenges you with puzzles, problem solving, and activities set in a positive learning environment. Learn math through a different lens. Get exposure to Math 9 by strengthening your procedural math skills in rational numbers, powers and exponents, square roots, and algebraic expressions. This will *not be your regular math class* as you will learn math is everywhere!

French 9: Students will expand and develop their understanding of French culture and use of the French language. Practice in oral and written proficiency is emphasized. **Please be advised that students MUST enrol in French 9 to continue with the high school 9 Year program of study in French as a Second Language in grade 10.**

Healthy Living and Wellness 9: Students will focus on achieving wellness through exploring what it means to live a healthy lifestyle through the following three strands: Nutrition and Healthy Eating, Physical Activity and its Benefits, and Emotional Wellness.

Instrumental Music 9: Students will continue to develop competency in their musical ability. **Students will participate in various performances throughout the year.**

Media 9: Students will explore various forms of computer and technological applications. Students will take a hands-on approach in exploring presentation and communication, photography, printing, and audio/video production. Students will also prepare multimedia presentations that will include power point, animation, video and digital photography.

Outdoor Education 9: Students will develop the basic knowledge, skills and attitude necessary to experience safe and comfortable outdoor experiences in all seasons. Students will also develop an appreciation and understanding of ecological processes.

Polish Up 9: Students will explore Personal Confidence, Stress Management Techniques, Taking Care of You, Introduction to Esthetics, Manicures, and Facials.

Science and Technology 9: Students will have an introduction to the scientific principles behind aerodynamics, aeronautics, propulsion and engineering. Students will explore these principles through a variety of labs and projects.

Spanish 9: Students will develop an understanding of Spanish language and culture. Oral and written proficiency will be emphasized. Students do not need to have prior coursework in Spanish to enrol in Spanish 9.

***Language Arts 9 Honours:** The LA 9 Honours course is for students who have heightened abilities and interests in the area of English Language Arts. Course material will be covered with greater complexity and at a slightly faster pace. Students interested in this course must meet the minimum requirement of 80% in Language Arts 8 and have a recommendation from their current LA 8 teacher. LA 9 Honours is not a pre-requisite for Advanced Placement English; but gives an excellent introduction to the Honours/AP English program offered at SPA.

High School Core Subjects Overview & Descriptions

Choosing a Core Course

Part of planning your high school program is choosing courses in which you can succeed. Marks can often predict future success in a course and therefore it is wise to choose high school courses that reflect junior high achievement.

We recommend that students at least have a grade of 65% for the transition to the 10-1, 20-1, 30-1 level courses. This allows a greater chance of success. Students entering a 10-1, 20-1, 30-1 level course with a grade below 65% will need to increase their overall effort in the areas of study skills and homework to achieve success.

Courses selected should fulfill the high school diploma requirements as well as meet current interests and future goals.

Course Numbering System

Grade 10 Courses are assigned numbers between 1 and 15 • For example, Social Studies 10-2 or Religion 15

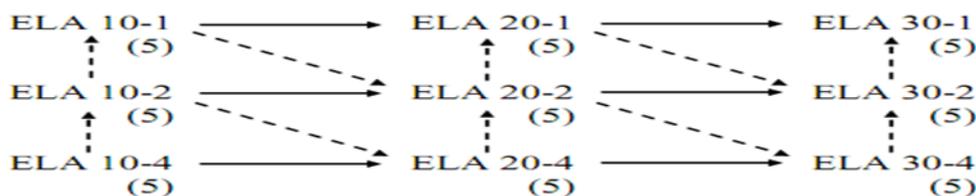
Grade 11 Courses are assigned numbers between 2 and 25 • For example, Foods 2A or Religion 25.

Grade 12 Courses are assigned numbers between 3 and 35 • For example, Biology 30 or Religion 35.

ENGLISH

English is compulsory at all three grade levels. To complete diploma requirements, students must earn a minimum of 15 credits in English, five of which must be in English 30-1 or 30-2. The English 10-1, 20-1, 30-1 sequence is intended for students whose post-secondary plans include university study or certain programs at college or technical institutions. To be successful in this series of courses, students should enter English 10-1 with solid skills in English Language Arts.

The English 10-2, 20-2, 30-2 sequence of courses should be taken by students with average English skills. English 30-2 is the basic requirement for most courses at colleges or technical institutions. Students who would like to complete English 30-1 may do so by entering English 30-1 after successfully completing English 30-2.



Recommended Grade

TR - Teacher Recommendation

•• - Recommended Grade is 65%

ENGLISH 10-1 (Recommended Prerequisite: 65% or better in Grade 9 Language Arts)

English 10-1 is recommended for the capable reader and writer, emphasizing development of knowledge and skills within the Language Arts strands: writing, reading, speaking, listening, viewing and representing. The emphasis is on reading and responding to a variety of literature, developing competence in writing for different audiences and purposes, gaining confidence and skills in speaking and listening activities, learning to view critically, and communicating ideas through visual, oral or printed representation. English 10-1 includes the study of poetry, fiction, nonfiction, and modern or Shakespearean drama.

ENGLISH 10-1 Honours (Prerequisite: 70% or better in Grade 9 Language Arts and mandatory teacher recommendation)

English 10-1 Honours is recommended for the conscientious reader and writer, emphasizing advanced development of knowledge and skills within the language arts strands: writing, reading, speaking, listening, viewing and representing. Students will be well-prepared to continue their studies in English at the post-secondary level and develop a solid foundation for further advanced literary studies. Participation in the Honours AP English program requires extensive reading, conscientious class attendance, responsible class participation, and completion of assignments. English 10-1 Honours includes the study of poetry, fiction, nonfiction, modern and Shakespearean drama.

ENGLISH 10-2 (Recommended Prerequisite: 50 - 64% in Grade 9 Language Arts)

English 10-2 is recommended for those students who have scored below 65% in Language Arts 9. The emphasis throughout this course is on practical applications of the skills in writing, reading, speaking, listening, viewing and representing. English 10-2 is the first course in this stream, which is designed for students who are planning to enter a career or enter a post-secondary institution (other than university) after graduating. The course emphasizes clarity, fluency, and correctness in communication.

ENGLISH 20-1 (Recommended Prerequisite: 65% or better in English 10-1)

English 20-1 also integrates both language and literature. The contents of the course include the study of the short story, the novel, the essay, modern Shakespearean drama, research, full-length non-fiction (optional), poetry, and film in greater depth than in English 10-1.

ENGLISH 20-1 Honours (Prerequisite: 70% or better in English 10-1 and mandatory teacher recommendation)

English 20-1 Honours is recommended for the diligent reader and writer, emphasizing advanced development of literary analysis, knowledge and skills within the Language Arts strands: writing, reading, speaking, listening, viewing and representing. Students will be well-prepared to continue their studies in English at the post-secondary level and develop a sophisticated understanding of literary analysis to better prepare students for future literary studies. Participation in the Honours AP English program requires extensive reading, conscientious class attendance, responsible class participation, and completion of assignments. English 20-1 Honours includes the study of poetry, fiction, nonfiction, and classic, modern and Shakespearean drama.

ENGLISH 20-2 (Prerequisite: 50% in English 10-2)

English 20-2 is comprised of language and literature. There are many opportunities for the integration of reading, listening, speaking, viewing, writing, and representing. The course aims at helping students to read prose and poetry with understanding, to organize ideas, and to express ideas clearly, accurately, and interestingly.

ENGLISH 30-1 (Recommended Prerequisite: 65% or better in English 20-1)

The integration of language and literature in English 30-1 is designed to lead students to a keener appreciation of literary forms and to a higher skill in expression. The course involves the students in the study of various literary forms, including the novels (optional), short story, modern and Shakespearean drama, essays, non-fiction (optional) and poetry.

ENGLISH 30-1 Advanced Placement (Prerequisite: 70% or better in English 20-1 and mandatory teacher recommendation)

The Honours Advanced Placement Program in English is a highly academic route, which leads students through an intensive study of literature, style analysis, and composition. The course is designed with the intent of sharpening skills in literary analysis and composition, thus better preparing students for the rigorous expectations of college and university. Students who complete English 30-1 AP will be eligible to write the English AP exam.

ENGLISH 30-2 (Prerequisite: 50% in English 20-2)

With an increasing emphasis on developing skills to make the students well-rounded individuals for the workplace, English 30-2 is designed to polish the students' communication of skills. Thus, students view films and read stories, essays, novels, and plays which stimulate discussions of human themes, issues, and conditions. They also write compositions such as essays, reports, resumes, and cover letters, plus practice active listening and assertive speaking skills during classroom activities to prepare them for success in the world of work.

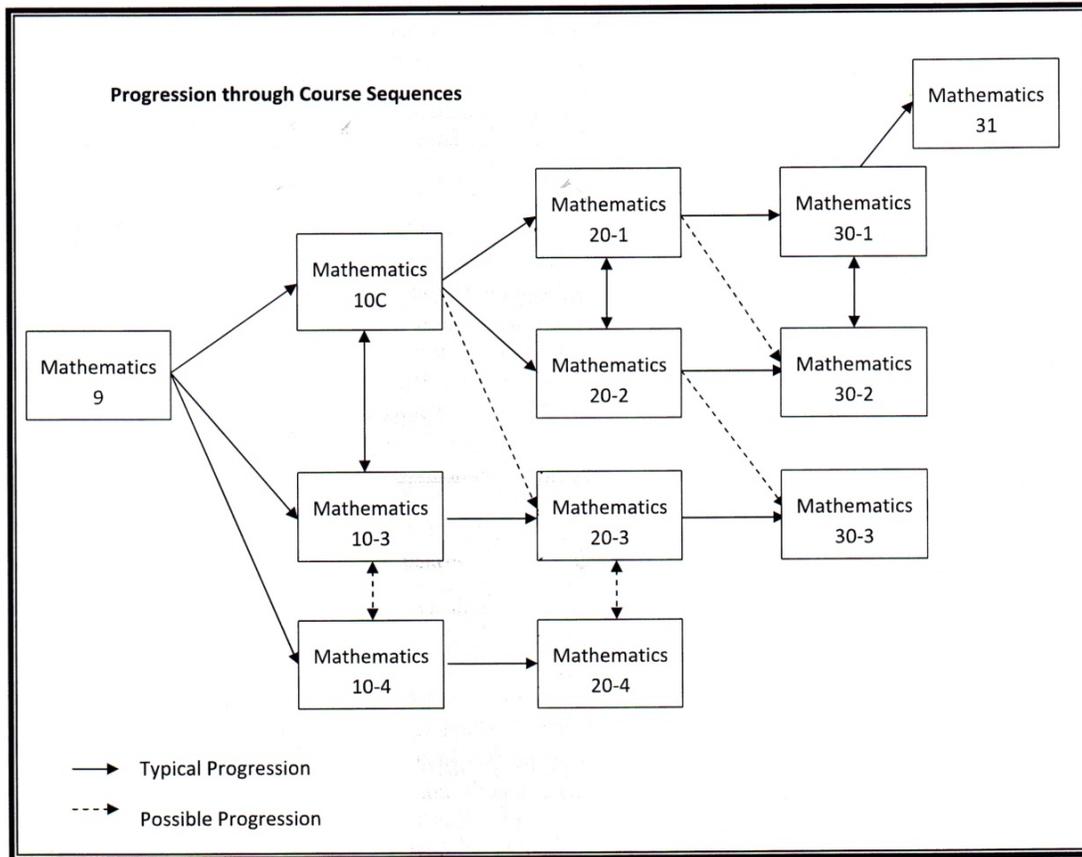
MATHEMATICS

There are three sequences of high school mathematics, each designed to allow you to enroll in a pattern compatible with your ability and interest. The high school diploma requires that students have a minimum of 10 credits in mathematics, 5 of which must be Mathematics 20 level. However, students planning a career in any profession or technical field will benefit from additional courses in mathematics.

The -1 course sequence 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 calculus. Topics include algebra and number; measurement; relations and functions; trigonometry; and permutations, combinations and binomial theorem.

The -2 course sequence 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 calculus. Topics include geometry, measurement, number and logic, logical reasoning, relations and functions, statistics, and probability.

The -3 course sequence 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 work force. Topics include algebra, geometry, measurement, number, statistics and probability.



MATHEMATICS 10 Common (Recommended Prerequisite: 60 % in Math 9)

Math 10C is the starting point for the -1 and -2 course sequences. Students in the course study the following topics: measurement, trigonometry, polynomial factoring and operations, systems of equations, and linear relations and functions. Students who do not meet the prerequisite mark of 50% or more in Math 9 must successfully complete Math 10-3 before enrolling in 10C.

MATHEMATICS 10 Common Honours (Prerequisite: 80 % in Math 9 and mandatory teacher recommendation)

MATHEMATICS 15-5 (Recommended Prerequisite: 45-59% in Math 9 and **MUST have a teacher recommendation**)

Math 15-5 is an extension of Math 9 designed to reinforce key concepts required for successful completion of Math 10 Common. Topics include trigonometry, polynomials, area and volume, equations and inequalities, relations and functions, and statistics and probabilities. Students who achieve a grade of 60% or higher are recommended to go on to Math 10 Common. Students who successfully complete Math 15-5 but will not go on to Math 10 Common, will go on to Math 20-3.

MATHEMATICS 10-3 (Recommended Prerequisite: 59 % or lower in Math 9)

Students in Math 10-3 will follow the 20-3 and 30-3 course sequence through grades 11 and 12. Students in this course will study the following topics: measurement (SI and Imperial), trigonometry, geometry, income and algebraic and proportional reasoning.

MATHEMATICS 20-1 (Recommended Prerequisite: 65% or better in Math 10 Common)

Students in mathematics 20-1 will study the following topics: quadratic functions and equations, radical and rational expressions and equations, trigonometry, systems of equations, and sequences and series.

MATHEMATICS 20-2 (Prerequisite: 50% or better in Math 10 Common)

Students in Math 20-2 will study the following topics: measurement, trigonometry, inductive and deductive reasoning, radical expressions and equations, quadratic functions and equations, and statistics.

MATHEMATICS 20-3 (Prerequisite: 50% or better in Math 10-3)

Students in Math 20-3 will study the following topics: measurement (SI and Imperial), geometry, finance, numerical, algebraic and proportional reasoning and statistics.

MATHEMATICS 30-1 (Recommended Prerequisite: 65% or better in Math 20-1)

Students in Math 30-1 will study the following topics: trigonometry, relations and functions, Permutations, Combinations and Binomial Theorem

MATHEMATICS 30-2 (Recommended Prerequisite: 60% or better in Math 20-2)

Students in Math 30-2 will study the following topics: Logical Reasoning, Probability, Relations and Functions, Mathematics Research Project

MATHEMATICS 30-3 (Prerequisite: 50% or better in Math 20-3)

Students in Math 30-3 will study the following topics: Measurement, Geometry, Numbers, Algebra, Statistics, and Probability.

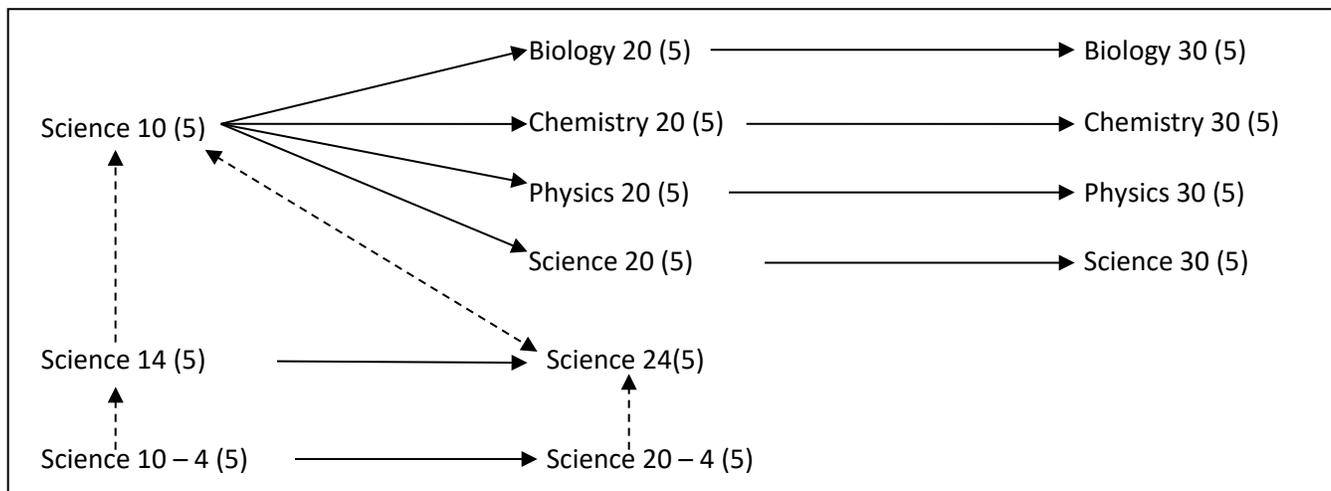
MATHEMATICS 31 (CALCULUS) (Prerequisite or co-requisite Math 30-1)

Math 31 is designed to bridge the gap between Math 30-1 and calculus courses offered by post-secondary institutions. Students interested in pursuing post-secondary studies in the areas of mathematics, science, engineering and business will benefit from this introductory calculus course. Students in Math 31 will study the following topics: precalculus and limits, derivatives and derivative theorems, applications of derivatives, integrals, integral theorems and integral applications and an elective component.

SCIENCE

Science courses provide students with facts, principles and concepts to give them a better understanding of their environment. In this scientific and technical age, it is important that students acquire some competence in critical thinking and the methods of science.

Like mathematics, a high school diploma requires that students have a minimum of 5 credits in Science at the 20 level. But since requirements of post-secondary institutions vary greatly, a student planning a career in a field that is technical or scientific in nature will benefit from taking more Science classes.



SCIENCE 10 (Recommended Prerequisite: 50% or better in Science 9)

Science 10 focuses on three of the key concepts of science: energy; matter and change. Concepts of systems, diversity and equilibrium are also included. The conceptual themes provide a means of showing the connections among scientific disciplines and provide a framework for teachers to show students how individual sections of the course relate to the big ideas of science. Science 10 consists of four units of study. Unit one focuses on the role of radiant energy from the sun sustaining life and driving weather systems on earth. In Unit two, processes by which matter and energy are exchanged between living systems and their environment are studied, and change is illustrated by the growth of living organisms. Unit three investigates the changes in matter and energy that occur during chemical reactions. Unit four examines different forms of energy and the principles that govern energy transformations.

SCIENCE 10 Honours (Prerequisite: 80% in Science 9 and mandatory teacher recommendation)

SCIENCE 14 (Recommended Prerequisite: Less than 50% in Science 9)

Science 14 is a general course intended to give a basic idea and knowledge of a diverse number of scientific fields including four major units:

- Unit 1 Investigating Properties of Matter (Nature of Science Emphasis)
- Unit 2 Understanding Energy Transfer Technologies (Science and Technology Emphasis)
- Unit 3 Investigating Matter and Energy in Living Systems (Science and Technology Emphasis)
- Unit 4 Investigating Matter and Energy in the Environment (Social and Environmental Contexts Emphasis)

SCIENCE 24 (Prerequisite: 50% in Science 14)

This is a continuation of the Science 14 program and can be used to fulfill the Science grad requirement for a for a High School Diploma. Major topics include:

- Unit I Disease Defense

Unit 2	Energy Consumption
Unit 3	Materials We Use
Unit 4	Safety in Transportation

BIOLOGY 20 (Recommended Prerequisite: 65% or better in Biology unit in Science 10)

The Biology 20 program emphasizes the key concepts of science: energy; matter, change, diversity; systems and equilibrium as they relate to the biological sciences. These conceptual themes provide a means of allowing students to see the connections to other courses in science. The concepts provide a framework for teachers to show students how individual sections of the program relate to the big ideas of science.

In addition to developing a solid understanding of the fundamental concepts of science and the principles of the biological science, Biology 20 has the goal of educating students about the nature of and the interaction between the biological sciences and technology. Students must be aware of the tremendous impact of biological sciences and technology on society; but at the same time they must be aware of the roles and limitations of biological sciences, science in general and of technology in problem solving in a societal context.

Biology 20 consists of four units of study:

Unit 1	The Biosphere
Unit 2	Cellular Matter and Energy Flows
Unit 3	Matter and Energy Exchange in Ecosystems
Unit 4	Matter and Energy Exchange by the Human Organism

BIOLOGY 30 (Recommended Prerequisite: 65% or better in Biology 20)

The major science concepts developed in this course are change, diversity; equilibrium and systems. Matter and energy are subordinate themes that are also addressed. The major concepts allow connections to be drawn between the four units of the course and between all eight units of the two courses in the program. Biology 30 consists of four units of study:

Unit 1	Systems Regulating Change in Human Organisms
Unit 2	Reproduction and Development
Unit 3	Cells, Chromosomes and DNA
Unit 4	Change in Populations and Communities

CHEMISTRY 20 (Recommended Prerequisite: 65% or better in Chemistry unit in Science 10)

The Chemistry 20 program emphasizes the key concepts of science: energy, matter, change, systems, diversity and equilibrium. In addition to developing a solid understanding of the fundamental science concepts and principles, Chemistry 20 has the goal of educating students about the nature of science and the interaction of science and technology on society, as well as the roles and limitations of science and technology in problem solving. Chemistry 20 consists of four units of study.

Unit 1	Solutions and Gases
Unit 2	Quantitative Relationships in Chemical Reactions
Unit 3	Chemical Bonding
Unit 4	An Introduction to Organic Compounds

CHEMISTRY 30 (Recommended Prerequisite: 65% or better in Chemistry 20)

The themes of systems, energy and change are central in Chemistry 30. Also highlighted to a lesser extent are the themes of equilibrium and matter. The components of a system, which may be a collection of substances or processes, influence each other by the transfer of energy and matter. Changes to one part of the system result in changes to other parts. In a system at equilibrium, opposing reactions are balanced.

Unit 1	Thermochemical Changes
Unit 2	Electrochemical Changes
Unit 3	Equilibrium, Acids and Bases in Chemical Changes

Chemistry 30 expands upon the concepts and skills introduced in Science 10 and Chemistry 20. Each unit in Chemistry 30 uses a different context to investigate the nature of chemical change.

PHYSICS 20 (Recommended Prerequisite: 65% or better in Physics unit in Science 10 and at least 60% in Math 10C)

The Physics 20 program emphasizes the key concepts of science: energy, matter, change systems, diversity and equilibrium as they relate to physics. In addition to developing a solid understanding of fundamental science concepts and principles, Physics 20 has the goal of educating students about the nature of science and about the interaction of science and technology on society; but at the same time must be aware of the roles and limitations of physics, science in general. and technology in problem solving. Physics 20 consists of five units of study:

Unit 1	Kinematics and Dynamics
Unit 2	Circular Motion and Gravitation
Unit 3	Mechanical Waves
Unit 4	Light and Electromagnetic Energy

PHYSICS 30 (Recommended Prerequisite: 65% or better in Physics 20)

The diversity of matter and energy are the predominant themes of the Physics 30 course. Physics 30 consists of five units of study:

- Unit 1 Conservation Laws
- Unit 2 Electric Forces and Fields
- Unit 3 Magnetic Forces and Fields
- Unit 4 Nature of the Atom

SCIENCE 20 (Recommended prerequisite: 65% in Science 10, 60% in Math 10C)

Science 20 consists of the following units of study:

- Unit 1 Chemical Changes
- Unit 2 Changes in Motion
- Unit 3 The Changing Earth
- Unit 4 Changes in Living Systems

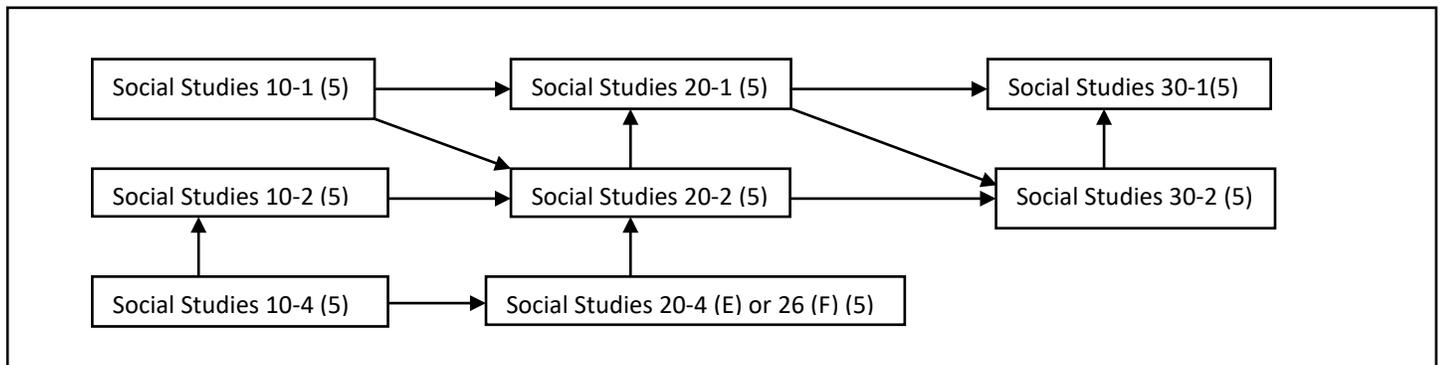
SCIENCE 30 (Recommended prerequisite: 65% in Science 20 or two of: Biology20, Chemistry 20 or Physics 20 and 60% in Math 20-1 or 20-2)

Science 30 consists of the following units of study:

- Unit 1 Living Systems Respond to Their Environment
- Unit 2 Chemistry and the Environment
- Unit 3 Electromagnetic Energy

Social Studies

Social Studies is a school subject that assists students in acquiring basic knowledge, skills and positive attitudes needed to be responsible citizens and contributing members of society. The content of social studies draws upon history, geography, economics, other social sciences, the behavioural sciences and humanities. The content also serves as the context in which important skills and attitudes are developed. Alberta Education requires that you must obtain a minimum of 15 credits in Social Studies, five of which must be in Social Studies 30-1 or 30-2.



SOCIAL STUDIES 10-1 (Recommended Prerequisite: 65% or better in Social Studies 9)

This course is recommended for those students who scored a 65% or greater in Social Studies Nine.

TOPIC A: will help students acquire an understanding of forces and events that have influenced the development of Canada and are shaping the lives of Canadians today. In Topic A some of the themes examined are:

- Theme 1 - Sovereignty
- Theme 2 - Regionalism
- Theme 3 - Identity

TOPIC B: examines responsible citizenship and students will gain an understanding of the structures and functions of government as well as a willingness to exercise the rights of citizenship in a changing Canadian society. Some of the themes that are examined are:

- Theme 1 - Politics & Government
- Theme 2 - Citizenship
- Theme 3 - Rights & Responsibilities

SOCIAL STUDIES 10-2 (Recommended Prerequisite: 50 - 64% in Social Studies 9)

This course is recommended for students who scored below 65% in Social Studies Nine.

TOPIC A: will help students understand the development of their country as a nation and its role in the world community. Students will examine some of the forces that have shaped Canada and the factors that give Canadians their unique identity. Some of the themes examined include:

- Theme 1 - Diversity
- Theme 2 - Unity
- Theme 3 - Identity
- Theme 4 - Sovereignty
- Theme 5 - Security
- Theme 6 - Cooperation

TOPIC B: will help students gain an understanding of the rights and responsibilities of citizenship and the knowledge and skills necessary for participation in the Canadian political process and in Canadian society. Some of the themes examined are:

- Theme 1 - Rights and Responsibilities
- Theme 2 - Government and Politics
- Theme 3 - Citizenship

SOCIAL STUDIES 20-1 (Recommended Prerequisite: 65% or better in Social Studies 10-1)

The grade eleven Social Studies program is designed to help students understand the processes of change in the world around them and focus on the past that may have helped to shape the world today. The course has two main topics:

Topic A: "Development and Interaction of Nations: Nineteenth Century Europe", which includes four themes: Nationalism, Industrialization and Ideology, Imperialism and International Conflict

Topic B: "Interdependence in the Global Environment" which includes four themes: Global Diversity, Economic Development and Interdependence, Quality of Life, Alternative Futures, Possibilities for Change

SOCIAL STUDIES 20-2 (Prerequisite: 50% in Social Studies 10-2)

The Social Studies 20-2 program is designed to help students understand the important changes in European society and how they shaped the modern world, and the quality of life that exists in today's world. The course has two main topics:

Topic A: "The Development of the Modern World" which includes three themes:

- Nationalism • Industrialization • Egalitarianism

Topic B: "Challenges in the Global Environment" which includes two themes:

- Global Regionalism • Global Interdependence • Quality of Life

SOCIAL STUDIES 30-1 (Recommended Prerequisite: 65% or better in Social Studies 20-1)

This course is designed to fulfill the grade 12 diploma requirement. It is composed of two main areas of study, those being:

Topic A: Political and Economic Systems

To enable students to understand the contemporary world through the examination of the underlying ideas and concepts associated with the major political and economic systems of the Twentieth Century

Topic B: Global Interaction in the Twentieth Century

Focuses on interaction of nations since World War to develop an understanding of the concepts of security, co-operation and global survival

SOCIAL STUDIES 30-2 (Prerequisite: 50% in Social Studies 20-2)

This course is designed to fulfill the grade 12 requirement for the General Diploma. It is composed of two main areas of study which are:

Topic A: Political and Economic Systems

To enable students to acquire an understanding of major political and economic ideas and systems so that they can participate as effective and responsible citizens

Topic B: Global Interaction and Twentieth Century

Deals with international relations since World War I focusing on National security, conflict and international co-operation in the interest of global survival

CAREER AND LIFE MANAGEMENT (CALM) (3 credits)

The aim of CALM is to enable students to make well informed, considered decisions and choices in all aspects of their lives and to develop behaviours and attitudes that contribute to the well-being and respect of self and others, now and in the future. CALM is the course where students develop health literacy at the senior high school level in Alberta. **CALM is compulsory for a High School Diploma.**

PHYSICAL EDUCATION 10 (3 credits)

Activities in Physical Education 10 include fitness, group sports, individual/dual sports, and an introduction to First Aid/CPR. A small portion of the course concentrates on those activities that can be enjoyed throughout an individual's lifetime. As well, students are introduced to some basic technical and strategic parts of physical activities. They are expected to learn theoretical as well as practical aspects of the course.

*****Physical Education 10 is compulsory for a High School Diploma. A student unable to take this class must annually present a medical certificate for exemption.**

RELIGIOUS EDUCATION PROGRAM

RELIGIOUS STUDIES 15: Christ and Culture (3 credits)

This is a compulsory course. The principal aim of Christ and Culture is to assist students, with the help of the Gospel, to participate in the shaping of our culture as Christians. The program explores major cultural issues from a Christological perspective. Beginning with their own life experiences, students acquire a deeper and more systematic knowledge of themselves, Christ's message and the Church. Connections between the Church and contemporary culture are explored in terms of what it means to be a responsible adolescent developing as a member of a Catholic, Christian community while living within the context of a broader culture.

RELIGIOUS STUDIES 25: Jesus Christ: God's Gift of Salvation (3 credits)

Grade 11 students must complete either Religious Studies 25 or Religions of the World 30. Students will be invited to deepen their relationship with Jesus through a prayerful study of scripture in this course. Students will explore the Jewish historical, religious, and cultural world into which Jesus was born. Using the Gospels as a primary resource, the course explores Jesus' birth, early life and ministry, his preaching of the Kingdom of God, his special teachings of the parables, and his miracles. It then focuses on the scriptural accounts of his death, resurrection, and ascension and their significance for the Church's understanding of Jesus.

RELIGIONS OF THE WORLD 35 (3 credits)

Grade 11 students must complete either Religious Studies 25 or Religions of the World 30. This religious studies course provides an opportunity to explore many cultural, historical and contemporary issues from a religious point of view, and through the study of religion to develop a philosophy based upon values conducive to ethical and moral behaviour and reflected in an understanding of human worth. The topics in Religions of the World 35 include; World Religions and Religious Pluralism, Who are Catholics? Canadian Aboriginal Spirituality, Judaism, Islam, Modernity and Religion, and Living Faith Today as well as two of the following three topics: Hinduism, Buddhism, and Sikhism.

RELIGIOUS STUDIES 35: In Search of the Good (5 credits with participation in retreat)

This is a compulsory course. This course challenges students to understand themselves as moral persons called to discipleship by living the way of Christ. Through an examination of ethical theories, the revelation of scripture, the lived experience and teaching of the Catholic Church, this course invites students to be active participants in their faith. The human search for happiness as the completion of God's abundant love is at the heart of catechesis. The tensions that exist between God's love and the explorations of human reason are worked out in the areas of freedom, justice, human relations, ecology, reconciliation, life in community and political life.

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Elective Course Descriptions

HIGH SCHOOL OPTIONS

CAREER AND TECHNOLOGY STUDIES

St. Peter the Apostle CHS offers a wide range of choices in Career and Technology Studies for students including:

Amazing Plants	Design Studies	IT Networking
Community Health	Esthetics	Legal Studies
Communication Technology	Fashion Studies	Leadership
Computer Science	Food Studies	Sport Performance

AMAZING PLANTS 3A

In Amazing Plants students learn the principles of plant biology, germination, propagation, genetics, growth and harvesting of a variety of agricultural plants through many hands-on opportunities. Students also learn laboratory techniques and best practices from the field of Plant Biology when designing and conducting their own experiments on determining the ideal growing conditions for their particular species of plant(s). Students use conventional growing methods and progress to alternative growing methods such as hydroponic and aquaponic systems. At the conclusion of the course students take a field trip to the Muttart Conservatory for an interpretative tour of the exhibits.

Modules include the following:

- AGR 3100: Biotechnology
- AGR 3910: Project D
- AGR 3920: Project E

COMMUNICATION TECHNOLOGY 1A

Communications Technology 1A is an introductory course in media presentation where students will study audio and video production, basic animation, and digital design and printing.

Modules include the following:

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|------------------------------|-----------------------|
| COM 1005: Visual Composition | COM 1165: Printing I |
| COM 1025: Typography | COM 1105: Audio/Video |
| COM 1035: Graphic Tools | COM 1015: Media |
| COM 1055: Web Design | |

COMMUNICATION TECHNOLOGY 2A

Communication Technology 2A is an intermediate level course for students having completed at least 2 of the 1A modules. Students will

Modules students may choose from include:

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| Unfinished COM 1A Modules | COM 2125: AV Post Production I | COM 2155: Design Brand Identity |
| COM 1005: Visual Composition | COM 2035: Raster Graphics | COM 2165: Printing 2 |
| COM 1035: Graphic Tools | COM 2045: Vector Graphics | COM 2910: Com Project B |
| COM 2105: AV Pre-Production | COM 2055: Web Design 2 | |
| COM 2115: AV Production I | COM 2145: Animation 2 | |

COMMUNICATION TECHNOLOGY 3A

Communication Technology 3A is a senior level course. Students may pursue intermediate or advanced modules based on completed prerequisites. Advanced modules students can choose from include:

- | | |
|----------------------------------|-------------------------------|
| COM 3035: Raster Graphics 2 | AV 3105: AV Pre Production 2 |
| COM 3045: Vector Graphics 2 | AV 3115: AV Production 2 |
| COM 3055: Rich Media Basics | AV 3125: AV Post Production 2 |
| COM 3075: Cascading Style Sheets | AV 3135: AV Audio Techniques |
| COM 3145: Animation 3 | AV 3165: AV Broadcast |
| COM 3910: Digital Design 3 | |

COMMUNITY HEALTH 1A

In this course, students develop practical safety-related knowledge, skills and attitudes necessary to obtain certification in emergency first aid and CPR. Attention is given to the different aspects of common injuries, first aid care and the prevention of injuries. If class size is less than 12, certification in level C CPR and Medic First Aid can occur for an additional two credits.

- | | |
|------------------------------|---|
| CMH 2090: Circulatory System | CMH 3 120: First Aid / CPR for Children |
| CMH 2080: Respiratory System | CMH 2120: First Aid / CPR |

COMMUNITY HEALTH 2A

Students continue to focus on the determinants of good health, particularly in the application of knowledge, skills and techniques to enhance athletic performance and identify and treat common athletic injuries.

CMH 2100: Musculoskeletal System
CMH 2010: Adolescent Health Issues

CMH 3110: Advances in Medical Technology
CMH 3 100: Mental Health

COMPUTER SCIENCE

Computer Science is an integral to our world and daily lives. Computer technologies are used in mobile phones, game development, health care research, and many other industries. Learning about how these systems work and function will allow you to plan, design, and build the new technologies for the 21st century.

COMPUTER SCIENCE 10 (3 credit)

Computer Science 10 is an introductory course in computer science and programming. Students taking computing science may be interested in future careers working with computer technology, computer engineering, or web/mobile programming. This course is for all students and does not require and previous programming experience. Students will be introduced to: **Scratch Programming**, an iconic, object-orientated programming environment, **Python**, a widely used, high level programming language, **Gamemaker**, an entry-level game development platform, and **Processing**, a development environment for programming with visual context.

Credit Modules in Computer Science 10:

- Computer Science 1
- Structured Programming 1
- Structured Programming 2

COMPUTER SCIENCE 20 (3 Credit)

Computer Science 20 is an intermediate course in computing science stream. Students continue their examination of computer science and of computer programming. The programming focus shifts to a greater emphasis on object-oriented design and programming. Students continue to program in Python and expand their understanding of computer technology in society. Students will choose to study robotics, microprocessors and microcontrollers, mobile software development, or advanced data structures for the third module.

Possible Credit Modules in Computer Science 2:

- Computer Science 2
- Procedural Programming 1
- Data Structures 1
- Second Language 1
- Project B

COMPUTER SCIENCE 30 (3 Credit)

Computer Science 30 is an advanced course in computing science stream. Students will study Object-Oriented Programming (OOP) and material usually presented in the first year of post-secondary courses. Students will select areas of interest for project-based learning.

Credit Modules in Computer Science 30:

- Computer Science 3
- Object-Oriented Programming 1
- Project Credit

ADVANCED COMPUTER SCIENCE 30 (5 Credit)

Students will select areas of interest for project-based learning in robotics, microprocessors and microcontrollers, mobile software development, or advanced programming topics. Students who complete 5 credits in Computer Science at the 3000 (grade 12) level, can use their Computer Science mark for university admission at several universities.

Credit Modules in Computer Science 30:

- Computer Science 3
- Object-Oriented Programming 1
- Second Language 2
- Iterative Algorithm
- Project Credit

DESIGN STUDIES 1A

Students will use drawings, models, projects and journals to learn about CAD applications, the design process and development of portfolios.

Modules include the following:

- DS 1010: Sketch, Draw and Model
- DS 1020: The Design Process
- DS 1040: 3-D Design 1

DESIGN STUDIES 2A

This is an intermediate level design course for students having completed **at least 2 modules from Design 1A**. Students will explore architecture and industrial or fashion design. Students will learn about industry standards as they work with Mini CAD, scanners, modeling tools and other technologies on creative projects. .

Modules students may choose from include:

- Unfinished Design 1 A modules
- DES 1050: CAD 1
- DES 1060 Technical Design and Drafting I
- DES 2045: 3D Design 2

DESIGN STUDIES 3A

Students are to show a high degree of self-organization and planning at the advanced level of Design Studies, refining skills with advanced techniques that are orientated towards target audiences or customer requests. Students can explore 2 or 3 dimensional ideas focused toward architectural, environmental or interior design at the intermediate or advanced modules based on personal interest and completed prerequisites.

Advanced modules include:

- Incomplete Design 1A / 2A modules
- DES 3065: Technical Design 3
- DES 3095: Architectural Design
- DES 3145: Modeling-Real

ESTHETICS 1A

Learn about the field of Esthetics through study of the following modules:

- COS 1010: Personal and Professional Practices: Students develop increased appreciation for the significance of personal grooming in various life situations, as well as the knowledge and skills required to maintain a personal health and safety plan.
- EST 1020 Skin Care Practices: Students identify the basic structures and functions of the skin. Student analyze skin and perform basic skin care practices, including cleansing, toning, nourishing and protecting.
- EST 1070 Manicuring 1: Students identify the functions, shapes and basic structure of fingernails, identify conditions of the hands and fingernails, and perform basic manicures.

ESTHETICS 2A

Learn about the field of Esthetics through study of the following modules:

- EST2030: FACIALS -Students describe the anatomy, physiology and histology of the skin, analyze skin conditions, and perform facial care using available products, equipment and technology. Highlights include more in-depth skin analysis and product choices, use of steamers, surface and deep cleansing, and facial massage techniques
- EST2050: MAKE-UP-Students analyze facial shapes and features and perform make-up techniques. Highlights include brow shaping, foundation applications, contouring and highlighting, daytime, nighttime and photography make-up.
- EST2070: MANICURING 2-Students identify and describe the anatomy of the arm and hand, identify diseases and disorders of the hands and nails and recommend services for treatable conditions. Highlights include more in-depth manicuring steps, French manicures, paraffin treatments and hand massage techniques.

ESTHETICS 3A

Learn about the field of Esthetics through study of the following modules:

- EST3010: Spa Awareness - Students will explore the nature of the spa industry. Students will research, compare, design and set up a prototype spa environment.
- EST3070-Pedicuring – Students describe the relationship between a manicure & pedicure and identify and demonstrate a pedicuring procedure, including foot massage.
- EST3090-Nail Enhancements - Students describe and demonstrate techniques used to apply gel nails and describe the effects of gel nails on natural nails

FASHION STUDIES 1A INTRODUCTORY

Students will learn about the Fashion industry through study of a variety of the following modules:

- FAS1030: SEWING FUNDAMENTALS: Students learn how to safely use and care for sewing and pressing equipment and apply these skills during project assembly.
- FAS1050: REDESIGN, RECYCLE & RESTORE: Students experiment with creative ways to redesign, recycle or restore a project by repairing, customizing, or embellishing. Students use these techniques to update or create something new from something old. Prerequisite: FAS1030: Sewing Fundamentals

FAS1130: CONSTRUCTION FUNDAMENTALS 1: Students learn how to determine pattern size, choose a suitable pattern and woven fabric, make pattern alterations, and prepare the fabric and pattern for layout. Students apply these skills to the assembly of a simple garment. Prerequisite: FAS1030: Sewing Fundamentals

FASHION STUDIES 2A INTERMEDIATE

FAS2120: SURFACE EMBELLISHMENT: Students practice a variety of embellishment techniques and apply these skills to a finished project. Prerequisite: None

FAS2140: FASHION MERCHANDISING: Students learn about policies and techniques used by retail operations in the fashion industry. Prerequisite: None

FAS2180: CREATIVE COSTUMING: Students analyze different costuming requirements and construct a costume for personal use. Prerequisite: FAS1030: Sewing Fundamentals

FASHION STUDIES 3A ADVANCED

FAS3060: COUTURE: Students study past couturiers and create their own haute couture fashions. Prerequisite: FAS1030: Sewing Fundamentals

FAS3070: CREATORS OF FASHION: Students discover the world of fashion designers. Prerequisite: None

FAS3080: CULTURAL FASHIONS: Students research and learn about the fashions of other cultures and produce a project related to their research. Prerequisite: FAS1030: Sewing Fundamentals

FAS3120: WEARABLE ART: Students will construct an original design using yardage created from textile or nonfibre material. Prerequisite: None

FAS3140: FASHION RETAILING: Students analyze fashion retail terms, operations and trends. Prerequisite None

FAS3180: THEATRICAL COSTUMING: Students analyze different costuming requirements and construct a costume specific to a theatrical production. Prerequisite: FAS1030: Sewing Fundamentals

FAS3200: OUTDOOR CLOTHING
Students learn about fabrics suitable for outdoor clothing and construct a garment designed for outerwear.
Prerequisite: FAS1030: Sewing Fundamentals

FOOD STUDIES 1 A

Food Studies uses the student-centered process approach, combining thinking processes and concrete experience with as realistic an environment as possible, whether that be in an individual, family or workplace context.

Modules include the following:

- FOD 1010 Food Basics
- FOD 1020 Baking Basics
- FOD 1030 Snacks & Appetizers
- FOD 1040 Meal Planning I
- FOD 1050 Fast 7 Convenience Foods
- FOD 1060 Canadian Heritage Foods

FOOD STUDIES 2A

By developing Intermediate, integrated and career specific knowledge, skills and attitudes, students will have the ability to adapt to the challenges of change within the food industry, explore cultural diversity through food. Foods uses the student-centered process approach, combining thinking processes, group work and concrete experience with a realistic environment, whether at home or at work.

Modules may include 3 or 4 of the following:

- FOD 2040 Cake and Pastry
- FOD 2070 Stocks, Soups and Sauces
- FOD 2090 Creative Cold Foods
- FOD 2110 Fish and Poultry
- FOD 2170 International Cuisine I

FOOD STUDIES 3A

By developing advanced, integrated and career specific knowledge, skills and attitudes, students will have the ability to adapt to the challenges of change within the food industry and explore cultural diversity through food. Foods uses the student-centered approach, combining thinking processes, group work, leadership, artistic and creative abilities, and concrete experience in a realistic environment.

Modules may include 3 or 4 of the following:

- FOD 3030 Creative Baking
- FOD 3050 Advanced Soups and Sauces
- FOD 3060 Food Presentation
- FOD 3070 Short Order Cooking

FOD 3080 Advanced Meat Cookery
FOD 3100 Entertaining with Food
FOD 3140 International Cuisine II

LEADERSHIP 1A

Students will be introduced to the principles of leadership and provided opportunities to practice leadership skills through study of the following modules and social justice initiatives.

HSS 1030 Communication Skills for Helping Relationships
HSS 1080 Leadership Fundamentals 1
HSS 1050 Introduction to Mentorship
CSS 1080 Community Volunteerism 1
CCS 1910 CSS Project A

IT NETWORKING 1 (3 Credit)

IT Networking 1 provides students with knowledge and skills in computer care, networking, operating systems, maintenance and repair. Learn the skills involved in installing operating systems, repairing or upgrading your present computer or laptop, assembling desktop computers, setting up a home network for streaming and storing your photos, videos, and music. Students that continue to take the IT Networking stream will have the option of taking the CompTIA A+ Exams to be industry certified.

Students will complete the following modules:

Workstation Technology & Operations
Network Structures
Network Media & Devices

IT NETWORKING 2 (3 Credit)

IT Networking 2 expands upon the fundamental skills learned in IT Networking 1 to introduce to more advanced topics in computer technology and networking. Learn the skills involved in: Laptop/Tablet/Smartphone repair, home and small business computer networks and infrastructure, increasing security over local area networks (LANs). At the end of the IT Networking 2, students have the option of taking the CompTIA A+ Exams to be industry certified.

Students will complete the following modules:

Network Media & Devices,
Security, Laptops & Peripherals
Net Project B

LEGAL STUDIES 1 A / 2A

Legal Studies presents students with basic and practical information about the law. The primary goal is to develop in students the knowledge, skills and attitudes required to respond appropriately to the impact of law on our daily lives. A secondary goal is to equip students with the capabilities and the confidence to participate in the evolution of our laws. A final goal is to create an awareness of the many occupational opportunities related to the field of law that are available. Students will complete the following modules:

LGS 1010: You and the Law I
LGS 1020: You and the Law II
LGS 2080: Criminal Law
LGS 2010: Family Law
LGS 2050: Law and the Traveller
LGS 3010: Consumer Law

PHOTOGRAPHY 1A

Students will use of Digital and 35 mm film cameras to develop an understanding of composition and safety. Students will develop portfolios of their work and images.

Modules include the following:

COM 1005: Visual Composition
COM 1205: Photography Intro
COM 1215: Photography Exposure
COM 1910: Com Project A

PHOTOGRAPHY 2A

This is an intermediate level course for students having completed **at least 2 of the Photography IA** modules. Students will work on that meet industry standards using Adobe Photoshop, digital and film cameras with lenses, accessories, scanners, and other technologies.

Modules students can choose from include:

Unfinished Photography 1A modules listed above
COM 2205: Photo Composition
COM 2235: Photography Lenses
COM 2215: Photography Communications

PHOTOGRAPHY 3A

At the advanced level, students will show a high degree of self-organization and planning, refining skills with advanced techniques and orientated towards target audiences or customer requests. Students may pursue intermediate or advanced modules based on their completed prerequisites.

Advanced modules include:

Incomplete modules from Photo 1A / 2A	COM 3245: Photography Outdoor
COM 3225: Photographic Colour	COM 3215: Photo Journalism
COM 3235: Photography B/W Digital Techniques	COM 3910: Com Project D
COM 3205: Photography Lighting	

SPORT PERFORMANCE 1A

Students will learn about different aspects of Sport Performance through the study of a variety of the following modules:

- REC 1040 Foundations for Training 1: Students apply basic training and movement principles to health-related and performance-related components of fitness training. Students create fitness activities and develop a basic individual fitness plan to achieve goals for health-related and performance-related components.
- REC 1050 Sport Psychology: Students assess the impact of mental fitness on optimal sport, artistic and/or academic performance and motivation. Students examine and demonstrate strategies to strengthen mental fitness, including relaxation, visualization and positive self-talk.
- REC 2120 Coaching: Students learn basic coaching skills common to all sports in the areas of planning and delivering a practice, teaching and learning, and mental skills training. Students develop an appreciation for the role of coaches in community recreation programs.

SPORT PERFORMANCE 2A

This course is intended to provide learning opportunities for students with a passion for athletics and sports. Students might wish to improve performance, challenge themselves physically and/or potentially pursue a career in the athletic field. This will be completed through a combination of theoretical and practical outcomes in the following modules:

- REC 2040 – Foundation of Training 2
- REC 2050 - Sport Psychology 2
- REC 3120 – Coaching 2

SPORT PERFORMANCE 3A

We will be building upon the training and knowledge learned in Sports Performance 25. This course will provide advanced opportunities for students with a passion for athletics and sports. You may wish to improve performance, challenge yourself physically and/or potentially pursue a career in the athletic field. This will be completed through a combination of theoretical and practical outcomes. Students will complete the following modules:

- REC3025- Cardio training
- REC3030- Speed and agility training
- REC 3015- Flexibility training

VISUAL AND PERFORMING ARTS

ADVANCED ACTING

Advanced Acting provides a continuum of theatre experiences that moves well beyond the introductory or exploratory activities outlined in Drama 10, 20, 30. Advanced Acting expands the specific skills related to performance, and is designed to extend the foundation skills outlined in Drama 10, 20, 30. The major difference between Drama 10, 20, 30 and Advanced Acting 15, 25, 35 lies in the learning strategy employed in these courses. In this sequence, all the learning objectives will be achieved by production experiences.

ART

The Art program for senior high school provides a unified sequential course that focuses on three major components of visual learning. These three components are drawing; all the ways we record visual information and discoveries, composition, the way images are put together to create meaning and explore where we meet and how we respond to visual imagery.

ART 10 (3 credits)

Art 10 is a beginner course for all students who want to get started in the visual arts. The course explores a variety of art techniques and materials. Drawing, painting and sculpture will be introduced to the students with a primary focus on the elements of art and principles of design. No prior experience is required! An art fee of \$15.00 will be collected. This will cover the cost of a supply kit which includes pencils, kneadable eraser, blending stomp, face mask, and paint brushes.

ART 20 (5 credits)

Art 20 provides a focus on using non-traditional approaches to create compositions in both two and three dimensions. These compositions are created with a variety of media and techniques including distortion and exaggeration. Classes consist of studio production, note-taking, discussion, critiques and art history.

ART 30 (5 credits)

The Art 30 curriculum focuses on achieving personal style. Students will research selected artists and periods to discover factors in the artists' environments that influence their personal vision. This class includes the development of a personal portfolio for university or college entrance.

ADVANCED ART 10/20/30 (5 credits) (Prerequisite: teacher recommendation)

This course is intended for those students who have a particular interest in visual art. The purpose of advanced art is to equip students with the strategies and tools they need to engage in high-level learning and develop a solid portfolio for College and/or University Art programs. The Advanced Art classes are studio based and portfolios are focused on concept, concentration, composition and execution of artwork. Daily exercises to improve eye-hand coordination, technical skills and craftsmanship are combined with problem solving, communication and discipline whether viewing or producing art. An art fee of \$20.00 will be collected. This will cover the cost of a supply kit which includes pencils, kneadable eraser, paint brushes, blending stomp, dust mask, and a sketch book.

CHORAL 10-20-30 (5 credits)

Choral Music is a course that seeks to develop musical competency through concepts of rhythm, melody, harmony, form and expression. Students should be aware that Choral Music runs the entire school year. Performing is a compulsory part of this course. **Students must participate in various performances throughout the school year.**

DRAMA 10 (3 credits)

Drama is a course intended to develop confidence, concentration, creativity, and communication skills. Improvisation, mime, speech control, and voice control are the main vehicles used by the student. Scene work and one-act plays are studied with an introduction to staging elements and basic analysis of plot, character, and theme. It is recommended that students have an interest in theatre arts and a willingness to explore the unfamiliar.

DRAMA 10, 20, 30 PERFORMING ARTS (5 credits)

This course is intended for students with previous drama and stage experience. Performances are a compulsory component of the course: students will participate in various performances in the school and/or community.

DANCE 15 (5 credits)

The dance program places an emphasis on the fundamentals of various genres of dance. This class will expose students to a variety of dance styles, techniques and possibilities. Emphasis will be placed on promoting physical fitness, awareness and well-being. In addition to developing an understanding of the fundamentals, dance enables students to progress at their own level and to develop, appreciate and critique their own skill.

DANCE 25 (5 credits)

Dance 25 builds on the 15 program. Focus will be placed on the musicality, orientation, history and techniques associated with various genres of dance. This class is intended to develop confidence, concentration, creativity and performance qualities.

DANCE 35 (5 credits)

Dance 35 is a comprehensive study of dance styles. Students will create, demonstrate and analyze their personal compositions, placement and techniques based on elements of choreography. This course continues to build performer's confidence, concentration, creativity and performance qualities.

INSTRUMENTAL JAZZ 15, 25, 35 (3 credits)

This ensemble is for students who are interested in studying jazz. Elements of jazz theory, improvisation and interpretation will be studied including big band and small combo settings. Please note: this is a co-curricular course with Instrumental Music, therefore students must also be enrolled in Instrumental Music 10, 20, or 30 to enroll in Jazz Studies 15, 25 or 35.

INSTRUMENTAL MUSIC 10, 20, 30 (5 credits)

Instrumental Music 10, 20, 30 (Concert Band) is a continuation of the Junior High Music Program wherein students will work with the instrument of their choice in woodwind, brass or percussion. Students should be aware that this course runs the entire school year. **Students must participate in various performances throughout the school year.**

MUSICAL THEATRE

The Musical Theatre program aims to provide integrated study in dance, drama and vocal music for students who exhibit special skills in these areas and who seek the challenge of making a serious commitment to performance. It is expected that the competencies in all of the above disciplines will become developed through project work and / or performance. The program will foster an appreciation for the form and a professional attitude towards performance, preparing students for post-secondary and life-long theatre experiences.

LANGUAGES & SOCIAL SCIENCE

ABORIGINAL STUDIES 10 (5 credits)

This course is based on perspectives and world views of Aboriginal peoples. It includes the study of traditions and history of Aboriginal peoples in Canada, and particularly in Alberta. Students will learn about governmental structures, literature, the arts and sciences. Students will explore four themes:

- Origin and Settlement Patterns
- Aboriginal Worldviews
- Political and Economic Organization
- Aboriginal Symbolism and Expression

ABORIGINAL STUDIES 20 (5 credits)

Aboriginal Studies 20 includes the study of policies, legislation, conflict and cultural change. Students will explore 4 themes:

- The Métis: Conflict and Cultural Change
- Treaties and Cultural Change
- Legislation, Policies and Cultural Change

ABORIGINAL STUDIES 30 (5 credits)

Students will gain a greater understanding of the current issues facing Aboriginal peoples worldwide. Students explore 4 themes:

- Issues of Aboriginal Rights and Self-government
- Aboriginal Land Claims
- Aboriginal Peoples in Canadian Society
- Aboriginal World Issues

FRENCH 10-9 Year, 20-9 Year, 30-9 Year (5 credits)

This course stream is for students who have successfully completed French 9. Students will work on oral and written expression and comprehension through a study of thematic units and learn French culture at the provincial, national and international levels.

FRENCH 10-3 Year (5 credits)

This course is for students who have little or no previous instruction in French. Students are introduced to basic grammar for everyday speech, the development of reading and writing skills, and French culture. **This course may be offered if a sufficient number of students request it. If numbers do not warrant a class, arrangements can be made to complete the FSL 3 Year program through Evergreen Outreach School.**

GENERAL PSYCHOLOGY 20 (3 credits)

Psychology is the study of personalities and behaviors of people. In this course, students examine a wide range of topics including the development of psychology, theories of personality, stages of human development, the effect of heredity and environment on behavior, the meaning of intelligence and the function of the senses.

FORENSIC STUDIES 25 (3 credits)

Forensic Science is the study and use of basic scientific concepts and technologies related to solving crime in society. Through the study of forensic science techniques, learners are given the opportunity to explore and further understand how the basic scientific concepts apply specifically to this specific field of study. (Science 10 or 14 are prerequisites for this course)

SPANISH 10- 3 Year, 20-3 Year, 30-3 Year (5 credits)

This course is for students with little or no previous instruction in Spanish. Students are introduced to Spanish culture and basic grammar for everyday speech. They will continue to work on oral and written expression and comprehension through a study of thematic units throughout the programme.

PHYSICAL EDUCATION

PHYSICAL EDUCATION 20 (3 credits)

Activities in Physical Education 20 include fitness, group, individual, and dual sports, and a small leadership activity. A small portion of the course concentrates on those activities that can be enjoyed throughout an individual's lifetime. As well, students are introduced to more technical and strategic parts of physical activities. They are expected to learn theoretical as well as practical aspects of the course. In addition to the in-class course content, students are required to do a minimum of 5 hours of out-of-class work in officiating and/or sports leadership (score-keeping, coaching, assisting, team management, etc.).

PHYSICAL EDUCATION 30 (3 credits or 5 credits)

Activities in Physical Education 30 include fitness, group sports, individual/dual sports, and a leadership activity. A large portion of the course concentrates on those activities that can be enjoyed throughout an individual's lifetime both on and off-campus. Students will be introduced to more technical and strategic parts of physical activities. In addition to the in-class course content, students are required to do a minimum of 7 hours of out-of-class work in officiating and/or sports leadership (score keeping, coaching, assisting, team management, etc.). Due to the nature of some of the activities in PE 30, students are required to pay a separate fee.

OFF CAMPUS EDUCATION

(All off campus education programs are coordinated through Evergreen Outreach School)

SPECIAL PROJECTS 10, 20, 30

Special Project is designed to encourage students to undertake worthwhile studies or research in areas which are beyond the scope of the regular curriculum. The individual student is responsible for the selection, planning and organizing of a project which may earn 3 or 5 credits, subject to:

- 3 credits involve a minimum of 75 hours of study,
- 5 credits involve a minimum of 125 hours of study.

A written proposal must be approved by the administration prior to registration for this course.

WORK EXPERIENCE 15, 25, 35

These courses allow a student to enter employment as an integral part of their school program. Under the cooperative supervision of a teacher-coordinator and an employer in the community, students can accumulate up to 15 credits over their high school career in the work experience program.

REGISTERED APPRENTICESHIP PROGRAM (RAP)

Alberta's innovative Registered Apprenticeship Program (RAP) allows full-time high school students to begin apprenticeship training program as early as Grade 10, earning credit toward both a high school diploma and an apprenticeship program at the same time. Hours of work are decided together by the employer, the RAP apprentice and the school. RAP apprentices are paid at least minimum wage. They can earn up to 40 RAP credits toward their high school diploma and the hours that they work are registered with the Apprenticeship and Industry Training (AIT) office. Students must meet with Mr. Hagen at St. Teresa's Catholic Outreach School to get approval to participate in the RAP program.

Grade 10			Grade 11			Grade 12		
Course Name	Mark	Credits	Course Name	Mark	Credits	Course Name	Mark	Credits
English (10-1,10-2)		5	English (20-1, 20-2)		5	English (30-1, 30-2)		5
Social (10-1 or 10-2)		5	Social (20-1 or 20-2)		5	Social (30-1, 30-2)		5
Math (10C, 10-3)		5	Math (20-1, 20-2, 20-3)		5	Religious Studies 35		5
Science (10 or 14)		5	Religious Studies 25 or World Religions 30		3	Math (30-1, 30-2, 30-3)		
Religious Studies 15		3	Science (Bio 20, Chem 20, Phys 20, Sci 20, Sci 24)		5	Science (Bio 30, Chem 30, Phys 30, Sci 30)		
Physical Ed. 10		3						
CALM		3						
Elective courses			Elective courses			Elective courses		
Total Credits								

HIGH SCHOOL DIPLOMA REQUIREMENTS

In order to make sure you are graduating, please check your transcript to be sure that you meet the following requirements:

English 30-1 or 30-2 Yes No

Social Studies 30-1 or 30-2 Yes No

Math 20-1, 20-2 or 20-3 Yes No

Biology 20, Chemistry 20, Physics 20, Science20 or Science 24 Yes No

Physical Education 10 Yes No

CALM Yes No

10 credits from: CTS, RAP, PE 20/30, Second Language or Fine Arts Yes No

10 credits in any Grade 12 courses in addition to

English and Social Studies (i.e. PE 30, CTS 3-level,

Rel 35, Work Exp, RAP, Math 30, Science 30, etc.) Yes No

100 CREDITS Yes No

Total Credits: _____

CERTIFICATE OF ACHEIVEMENT REQUIREMENTS CHEKCLIST

(Knowledge and Employability Program)

In order to make sure you are graduating, please check your transcript to be sure that you meet the following requirements:

English 20-2 or 30-4	Yes	No
Social Studies 10-2 or 20-4	Yes	No
Math 10-3 or 20-4	Yes	No
Science 14 or 20-4	Yes	No
PE 10	Yes	No
CALM	Yes	No
10 Credits:		
Either:		
5 credits from: 3 level CTS or 30 level K+E	Yes	No
AND		
5 credits from: 30 level K+E Workplace Practicum		
or 30 level Work Experience	Yes	No
OR		
20 credits in RAP (5 credits must at 3-level)	Yes	No
80 Credits	Yes	No

Total Credits _____