



CARONPORT HIGH SCHOOL

Caronport High School Course Descriptions

Arts Education 9

This course explores drama, music and visual art. In all three of these strands, students are expected to exercise critical and creative thought as part of artistic expression.

Art 20

This class uses pottery and watercolours to work through the Art 20 curriculum. We experiment with the main watercolour techniques and put them to practice in several paintings. We are also introduced to clay and the skills needed to make simple forms on the wheel. By the end, we will glaze all our treasures so we can keep them.

Art 30

We have both experienced and beginning potters who design and make small dinner sets. You will also learn to make your own glazes and fire your pottery in the kilns. You do not need Art 20 for this class. If the clay likes you and you are kind to it, you might take some nice things home to mom when you are finished.

Biology 30

This course covers cellular biology, body systems, genetics, and creation/evolution. Many students particularly enjoy the units on how the body works and how traits are handed down from generation to generation. The course is taught from a distinctly Christian perspective and gives students sound logical foundation for believing that the Christian viewpoint is compatible with the biological sciences. Students who are interested in a professional or technical career in the medical field need to take this course.

Calculus 30

This course opens up a brand-new world. The power and beauty of mathematics takes on new meaning once students learn the basis of calculus. This course is equivalent to almost one complete first-year calculus course in any university. Taking this course helps students to understand university engineering, physics, and math courses. The applications come from medicine, economics, business, engineering, physics, etc. If mathematics is in your future, calculus 30 will make it smoother.

Career and Work Exploration

So what will you be doing after graduation? This is a question most students have difficulty answering. CWEX provides students with an opportunity to answer that question, whether it is moving on to post-secondary education or into the world of work. The purpose of this class is to enable students to make this transition from school simpler and to learn about occupational career choices through work-based learning experiences. The class is broken into two parts: an in-class component where each student develops the knowledge, skills, and abilities necessary to be successful in his or her career choice, and an out-of-class component where the student is placed in a work environment of his or her choosing to help assist in developing the commitment and responsibility needed to be a success.

Chemistry 30

Chemistry 30 is a deeper look into chemistry than Chemistry 20. Now the reasons why things happen become more important as do the calculations about how they happen. Put on your mathematics caps and prepare to understand why two grams of one substance just can't dissolve in an entire swimming pool but disappear in a glass of water when you add one other common substance, how industrial processes work that make the fertilizer for every farm in Canada, why pop fizzes, and whether Coke really can dissolve nails in one day.

Choral 9/10/20/30

This class provides a unique opportunity to perform in front of over 10,000 people at the annual Caronport Christmas production. In addition to preparing for such performances, students also increase their level of vocal competency and appreciation of music of different genres. From the participants of this class, a select group has the opportunity to tour with a choir over the Easter break. The emphasis is more than just learning music. It's understanding how to use music as part of a Christian ministry.

Christian Ethics at CHS: The C.E. program at CHS is intended to lead students through a process of growing their understanding of their faith and how it relates to their world. The program is intended to be sequential, requiring students to take the courses in a prerequisite format. Chapel is also integrated into the C.E. program. Students are accountable for two chapel sessions per week.

Christian Ethics 9

This is an issues-based class that examines topics like relationships, the effects of the media, dealing with temptations, and self-injury. Students are encouraged to gain a better understanding of themselves and how they should, according to biblical principles, relate to others around them in a way that is often cross-cultural.

Christian Ethics 1

This course is intended to lay a foundation for our Christian beliefs by examining the history of Christianity - from the Old Testament through early church history. Important in this foundation is understanding who Jesus is, especially in the context of current culture, which often questions our scriptural beliefs. This leads to a discussion on the application of what we believe to how we should act in the world around us.

Christian Ethics 2

This course builds on the foundation of CE1 by looking at why we believe what we believe. Understanding basic theology requires us to approach doctrines with both faith and critical thinking in order to better understand how to minister to the world around us. Students have opportunity for an in-depth Bible study. This leads to a section on being "the hands and feet of Jesus" as students learn from how others have accomplished mission in the past and see their potential role in mission.

Christian Ethics 3

Many kids today aren't asking whether Christianity is real. But they do want to know what difference it makes. This class focuses on topics that are most applicable to students' needs with an honest look at the risks and joys of a growing Christian commitment and personal world view. The importance of a consistent Christ-honouring character and obedient lifestyle is emphasized with plenty of opportunity for discussion, sharing of ideas, and study of things like basic Christian beliefs, love, sex, marriage, determining biblical standards, and integrity.

Creative Writing 20

The ability to tell a story well is a powerful tool. This course is designed to guide you through an intense process of improving your creative writing skills. You will explore a variety of models of effective writing in different genres, and you will likewise be challenged to expand the boundaries of your own personal styles. Through both individual and group activities, you will have the opportunity to create masterpieces including radio plays, myths, fairy tales, poetry, parodies, satires, skits and diaries of Bible characters-not to mention children's stories to be shared with the Caronport Elementary School, and a poetry coffee house. Those who enter the course should be prepared to work hard, share ideas, and have fun! Prerequisite: English 10; Recommended: English 20. *Good marks in English are helpful, but not as important as a desire to learn to write better.*

Drama 20/30

This elective is offered to students in Grade 11 and 12 who are interested in pursuing drama beyond Grade 9. The content is on a three-year cycle so that students can enrol and learn new things every year. Students acquire a number of dramatic abilities that they apply to the creation of works of dramatic art, study a variety of dramatic techniques and theory that help with acting, and experience dramatic artists in the community by attending live presentations. Students practice script writing, develop self-confidence, self-discipline, and self-motivation, and understand the processes and elements involved in creating works of dramatic art. The course is intended to help to develop acting skills and to teach students to exercise critical thought when responding to drama.

English Language Arts A9

The English Language Arts A9 course seeks to develop the student's language skills in speaking, listening, writing, reading, and viewing. This is done primarily through integrating these skills into the study of a variety of poems, stories, and a novel centered on such themes as unusual characters, friendship, and fairness.

English Language Arts B9

This course represents a continuation of the emphases of the English Language Arts A9 course. The four language strands (speaking, listening, writing, and reading) and viewing are highlighted through a variety of activities associated with works of literature read in class. One of the main features of the course is that it introduces the student to reading a Shakespearean play.

English Language Arts A10

The themes for English Language Arts A10 are the unknown and challenges. The novels, stories, poems and plays we study come out of those themes. We work on all of the main language arts skills of reading, writing, speaking, listening, viewing, and representing through a variety of assignments and activities, so students should improve their skills in all of those areas. For many students, the most popular activity in the class is the literature circle novel study, and one of the most important skills they develop is how to use the writing process to construct a good essay.

English Language Arts B10

The themes for English Language Arts B10 are decisions and the environment. The novels, stories, poems, and plays we study come out of those themes. Students should continue to develop the language arts skills of reading, writing, speaking, listening, viewing, and representing that they were exposed to in A10. Probably the most memorable assignment in class is the Macbeth group project (a lot of work but a great experience), and one of the most important skills students develop is learning how to write a research essay.

English Language Arts 20

The focus of the English Language Arts 20 course is the development of the student's language skills in speaking, listening, writing, reading, and viewing. Centered on the themes of recollections (looking back to different aspects of childhood) and anticipation (looking ahead to the challenges and responsibilities of adulthood), the poems, stories, novel, and play we study are works of literature to which students can relate to their own lives.

English Language Arts A30

The focus of the English Language Arts A30 course is the development of the student's language skills in speaking, listening, writing, reading, and viewing. Centered on the themes of *Canada - Diverse Landscapes and Peoples* and *Canada - Diverse Voices*, poems, stories, novels, plays, and essays we study deal with different aspects of what it means to live in Canada, especially in Saskatchewan. We emphasize writing critical analysis and the argumentative essay.

English Language Arts B30: World Literature

Employers consistently rate the ability to communicate effectively and the ability to learn primary traits of effective workers. Whether you intend to pursue further education in a university environment or decide to take an alternate route to your career of choice, this course will equip you with a variety of sophisticated communication skills. At its core, the course focuses on the study of literature from around the globe and investigates both secular and Christian responses to the human condition and the social experience. Through interacting-both individually and in groups-with short fiction, nonfiction, novels, poetry, and multiple medias, you will further develop your skills in analyzing, synthesizing, problem-solving, writing, listening, reading comprehension, and verbal and creative expression.

Environmental Science 20 (New for 2015-2016)

Students will learn how to examine local and global environmental issues from a systems perspective while considering the effects of human actions and a growing global population on the climate and environment, as well as the effects of the environment on human health. They will explore the mechanisms and importance of aquatic and terrestrial ecosystems and the sustainability of past and current practices and technologies humans have developed to live with and within the environment.

Health Science 20 (New for 2015-2016)

This course will challenge students to look at the health science field from holistic and analytic perspectives to provide a basis for making sound personal health choices. Students will examine the range of philosophies that guide health care and consider ethical decision within those contexts. Understanding the basic anatomy and physiology of the human body will provide a context for studying the normal and abnormal functioning of various body systems, including the role of nutrition and metabolism. Lastly, students will examine diagnostic tools and procedures and how they are used to inform treatment. Students will also investigate the range of health science careers and post-secondary programs available in Saskatchewan.

History 10 is a combination of historical background and current events. Major historical themes include the following:

1. The French Revolution to help us understand our systems of government.
2. The Industrial Revolution to help understand our economic foundations.
3. The Age of Imperialism to help understand international relations.
4. The First World War.

History 20

History 20 is a study of world history in the 20th century. It begins with a refresher on World War I and moves on to the Russian Revolution, Great Depression, World War II, and post-war developments. The course seeks to help each student understand why the world is the way it is today.

History 30

History 30 is a study of Canada's history and government. It includes the eras of discovery, settlement, development, Confederation, settlement of the West, Canada's role in the major wars, development of our social safety nets, and roles of the recent prime ministers. We also study international relations, economic and foreign policies, and the structure of government.

Leadership 10/20/30

Do you (or others in your life) see leadership qualities in you? Do you want to gain a better understanding of who you are as a leader and what it takes to build up your leadership qualities? This course will focus in on your own personal development while functioning as the central hub for planning school events that the Student Leadership Council holds each year.

Math 9

Math 9 reviews and builds on skills learned in Grade 8. The main areas of focus are basic math skills, integers, data management, geometry, constructions and problem-solving. An introduction to algebra prepares students for that area of study in Math 10.

Math 10 - Workplace and Apprenticeship

Mathematics 10 Workplace and Apprenticeship (MATH10WA) focuses on mathematics that you will use in the workplace, as an apprentice, as a consumer or in running a business. There will be knowledge essential for specific trades and occupations. It tries to make the connection between school mathematics and the workplace by using specific work related examples as much as possible. The course is highly interactive. In other words, you will be invited to participate as the material is being presented so as to be involved in the learning process as much as possible

Math 10 - Foundations and Pre-Calculus

Foundations of Mathematics and Pre-Calculus 10 is a pre-requisite for both the Foundations Math and the Pre-Calculus Math in Grade 11. It introduces and/or focuses on the following concepts: factoring, rational and irrational numbers, laws of exponents, operations with polynomials, trigonometry, relations and functions, slope, linear relations, graphing, linear systems, the metric system and imperial measurements.

Math 20 - Workplace and Apprenticeship

This pathway is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into the majority of the trades, and for direct entry into the work force. Topics include: financial mathematics, algebra, logical reasoning, geometry, and number sense.

Math 20 - Foundations

This pathway is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into post-secondary programs that do not require the study of theoretical calculus. Topics include: logical reasoning, proportional reasoning, geometry, trigonometry, algebra, statistics and probability.

Math 20 - Pre-Calculus

This pathway is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into post-secondary programs that require the study of theoretical calculus. Topics include absolute value, radicals, trigonometry, rational expressions and equations, factoring, quadratic functions, quadratic equations, inequalities, sequences and series, reciprocal functions.

Math 30 - Workplace and Apprenticeship – Offered Online

In this course, the students will examine logical reasoning and problem solving strategies, the limitations of measuring, solving problems that involve sine and cosine law, the application of the properties of triangles, quadrilaterals, and regular polygons to solve problems, the transformation on 2-D shapes and 3-D objects including translations, rotations, reflections and dilations. They will look at the options of acquiring a vehicle, and the viability of small business options. Students will look at linear relations, and the measures of central tendency to solve problems, and the concepts of percentiles and probability.

Math 30 - Foundations

In this course, students will examine financial decision-making including renting, leasing, buying, credit, compound interest, and investment portfolios. Inductive and deductive reasoning, set theory and its applications, odds and probability, the probability of two events, combinations, permutations and the fundamental counting principal will also be studied. Polynomial, logarithmic, exponential and sinusoidal functions will also be examined. Research and presentations of a current event or an area of interest that requires data collection and analysis will be conducted.

Math 30 - Pre-Calculus

In this course, students will extend their understanding of angles to angles in standard position, the unit circle and its relationships to the six trigonometric ratios, the graphs of the primary trigonometric functions, the first and second degree trigonometric equations, and several trigonometric identities. They will also study operations and compositions of functions, transformations that include functions, functions, relations, inverses and their related equations, logarithms, polynomials and their functions, radical and rational functions, permutations including the fundamental counting principal, and combinations of elements related to binomial theorems.

Physical Education 9 (Co-ed)

Physical education class is a great opportunity for girls to interact on a social and physically challenging level. All of this is done in a disciplined environment where the students learn the skills and rules of the games we play and work to improve their fitness levels. Besides the mainstream team sports, other popular activities include weight lifting, gymnastics, and badminton. Instruction is also given on basic components of physical fitness and how the girls can work toward a healthy and active lifestyle.

Physical Education 20 (Co-ed)

The main aim of physical education at the senior high levels is to expose the students to a variety of activities that they can pursue after their school years. Rather than team sports, we emphasize individual or small-group sports and activities. Students will also learn a variety of fitness and training techniques that they can use to enhance their athletic performance or to maintain a healthy body. Some popular activities include tennis, wall-climbing, and ultimate frisbee. A brief unit on the skeletal system and bone injuries helps the students to gain a better understanding of anatomy and how their bodies work.

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Physical Science 20 (New for 2015-2016)

This course combines chemistry and physics in an integrated manner to investigate concepts related to heating and cooling, the foundations of chemistry, including the mole and quantitative analysis of molecules and chemical reactions, and the characteristics and properties of waves. An overarching theme is the study of the enterprise of public and private science as it occurs in agriculture, industry, and universities to help students better understand various physical science related career paths. Student inquiry will guide independent investigations of physical science phenomena.

Physics 30

This course studies Classical physics, electrical phenomena, and nuclear physics. There are many examples of the connection between physics and the problems and curiosities of our universe, from speeding down the road to turning lead into gold, and from the gravitational surprises of the Jupiter Effect to cooking wieners with an extension cord. Students will be prepared for any post-secondary physics or science classes. The University of Saskatchewan has commented that they can pick out students from Caronport because they know how to learn and do well in their physics classes!

Practical and Applied Arts 9

This class incorporates modules from information processing, mechanics, and foods. The IP module focuses on developing computer keyboarding and word processing skills. The mechanics module uses small engines, which students take apart and put back together (hopefully making them run). The foods class is designed to entice adolescents to enjoy both eating and the preparation of their favourite snack foods. The modules are called Creative Baking and Entertaining with Food. Students can leave this class with recipes and skills to prepare great dishes for hanging out with friends or putting on a birthday party.

Practical and Applied Arts A10

This course includes modules from construction, information processing and foods. Students will increase their keyboarding facilities and develop a deeper knowledge of word processing and spreadsheets. Construction will involve building projects with wood. The foods module is called Make Mine Quick and Healthy. The teacher's goal is to have students in the kitchens as much as possible to gain experience with a variety of kitchen tools and equipment, making foods they enjoy. As students prepare dishes, they learn some basic food science, which helps identify why recipes don't turn out if certain steps are done carelessly.

Practical and Applied Arts A20

International foods module: With a great intrigue in youth culture for traveling the world, we do an in-class tour of six major food cultures. In the labs we prepare a wide range of foods, learn to appreciate new flavours, try out some unique traditions related to meals, and use some unique equipment. Within the 20 days, we often have guests come to our class to share their food culture with us from Korea, England, Ethiopia, Ecuador, and Japan. Lessons range from eating with chopsticks to an Aussie treat called the Tim Tam Slam. Textile science module: Students are introduced to working with cotton and its properties in construction, laundry, and ready-made clothing. Each student is taught to use a sewing machine, and in 18 days they leave with a pair of comfortable pajama pants made with a fabric of their choice. Finance and Information processing will also be included, and it will include learning to use a variety of Microsoft Office applications.

Practical and Applied Arts B20

There are two B20 classes. 1. The course taught by Mr. Dale Fehr (DF) includes modules in Welding, and Construction. In the welding module, students receive an introduction to the basics of acetylene, arc, and MIG welding. Construction allows students to develop their skills and safety in working on projects made from wood. 2. The course taught by Mr. Mark Schulz (MS) includes modules in photography, graphic design and audio and video production. (See below for more details.)

Practical and Applied Arts B10/B20/B30

This is an integrated course that will include using graphic design, photography, and audio and video production skills to produce: The CHS Print Yearbook, the CHS Highlight Videos, Video and Photography content for display on our school website, hallway monitor, and bulletin boards. This two (2) credit course will take place in semesters 1 and 2 and is open to any grade 10, 11 or 12 student.

Practical and Applied Arts A30

This course incorporates modules from entrepreneurship, computer-assisted design, and welding. They will design, and produce products using metals and welding.

Practical and Applied Arts B30

There are two B30 classes 1. The course taught by Mrs. Judy Guenter (JG) includes modules from Foods, Food Safe, Clothing and Interior Design.

A cluster of four modules exposes students to a practical set of skills:

Food Safe Module: training in preparing food for public venues and future employment in the food industry. Students leave with a Food Handler's Safety Certificate, which adds significance to their resume.

Textiles Module: Each student learns to operate a sewing machine and sews a pair of polar fleece warm-up pants, which have been a big hit on the Grade 12 Ski trip in February. The cost of the fabric is \$12 - \$20 per student.

Food for independent living module: Students track their eating pattern for four days and then assess it. We go to the lab to learn to prepare a lot of basic dishes for that inevitable day when we leave mom's kitchen! In a few months, we will want to be able to prepare meat dishes, rice, potatoes, and pasta dishes successfully. As we prepare recipes, we compare costs of ready-made alternatives, restaurant meals, and learning to work with basic ingredients. Motivation comes naturally -- we all love to eat. We also try various ways to present our food. As some say, "The first bite you take is with your eyes."

Interior design module: The major assignment in this module is a take-off on "Trading Spaces" where each student chooses a room and learns to redecorate it. The goal is to make it more functional and pleasing to their lifestyle. This time is never long enough to work with all the principles of design and create the dream, but we get a good start. We learn how to prepare a wall for painting and a little of the different types of interior paint and their qualities. One motto we consider is, "You never get a second chance to create a first impression."

2. The course taught by Mr. Mark Schulz (MS) includes modules in photography, graphic design and audio and video production. (See above for more details.)

Psychology 20/30 – In 2015-2016, Psychology 30 is being offered.

Psychology 20 and 30 are offered in alternate years. This course covers all aspects of human behaviour that relates to the interaction between people. Many students particularly enjoy the units on nonverbal communication, group behaviour, and abnormal psychology. Many students find the "brain" physiology part (taught in both grade levels) to be challenging. Most students say that they enjoy the major project because they can select their own topic. People who are curious about human behaviour (almost all of us) will find this class both interesting and challenging.

Science 9

This course introduces probability, chemistry, electricity, and the environment. This course, as most Grade 9 courses do, helps the students get used to high school-level classes. Many students particularly enjoy the demonstrations and the hands-on activities in the electronics unit. This course is important in the development of many of the major ideas in science.

Science 10

This course covers the properties of water, chemistry, the nature of science, and energy. This course aims to prepare students for the upper-level classes in biology, chemistry, and physics. Students are also required to do a major report that develops research and essay-writing skills. Students find this course to be challenging and often remark that they enjoy the various demonstrations and activities. All students must pass this class to move on to Grade 11 and 12 sciences.

Wellness 10 (Boys)

It may look like physical education, but it's really not. Wellness 10 lets boys be active with a variety of sports and activities, but it's especially designed to motivate and train the student to develop healthy skills and habits to live a full, active, and healthy life. What makes the difference? It's the approach to each activity and how it relates to each student's life, whether it's physical activity and fitness, relationship-building, stress management, AIDS awareness, healthy eating, or spiritual development. Not only is sports and activity a way of doing, it can also be a way of being that comes from healthy choices that improve the energy and quality of our lives.

Wellness 10 (Girls)

Wellness class focuses on the health of the whole person--physically, emotionally, mentally, socially, and spiritually. Activities in the gym centre around fitness and leisure pursuits for a lifetime. Other content in the class deals with topics like stress management, eating disorders, and making informed lifestyle choices.