

CLAYTON HEIGHTS SECONDARY SCHOOL

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COURSE SELECTION BOOK 2021 / 2022



“Home of the Night Riders”

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MULTI-DISCIPLINARY

PEER TUTORING

Recommendation: Students must apply and meet pre-admission requirements. Application forms available from Ms. Smith.

Students develop an awareness of self and others, by becoming an integral part of the learning and teaching environment. Students practice the subtle interpersonal skills necessary to motivate peers. Excellent attendance and commitment are required.

PEER TUTORING 10, 11, 12

- develop and strengthen their leadership skills as well as mentor other students in various classes
- opportunity to mentor and provide peer leadership to junior students within the school

COMMUNITY LEADERSHIP 10

Designed to give students the opportunity to develop an individual and collective sense of social responsibility through the acquisition and application of leadership theory and skills.

- self confidence
- goal setting
- time management
- public speaking
- school and community service
- public relations and conflict resolution
- define leadership and identify different leadership styles
- 40 hours of volunteer

LEADERSHIP 11-12

Recommendation: Application forms available from Ms. Daintrey.

People who are crazy enough to think they can change the world are the ones that actually do.
- Steve Jobs

Leadership 11 and 12 is a course designed to teach you skills in leadership for you to apply in events and clubs. Senior leadership students are highly involved in making our school a better place. Our major class project is to plan the Stampede spirit event in March!

A requirement of the course is that you must complete 100 hours of volunteer service. Over 60% of the volunteer hours MUST come from the school. Areas of involvement include:

- Athletics
- Student Council
- Link
- Drive
- Project Equal

Yearbook 10 – 12

Yearbook is a photojournalism course where students dive into the events and culture of the school and capture the essence of the year in both images and writing. Students learn how to use photography equipment as well as software such as Photoshop and Lightroom. Students will learn about planning, marketing, and designing the yearbook.

Art and photography experience is an asset as a large portion of the course is visual. This course requires extended hours of participation, excellent team work, and good work ethic as deadlines are a critical reality, and as a result, the class is very rewarding as you see your school community in a new and powerful light.

Requirements:

- excellent attendance
- mature and diligent attitude
- willing to frequently work with peers
- at least a C+ in their English course
- available to take photos at least 1 day after school every week



CAREER EDUCATION

CAREER LIFE EDUCATION 10

The Career Education curriculum involves students in research, problem solving, and decision making relevant to career planning. Students need opportunities to explore and research a multitude of education and career pathways. These pathways require graduates who can confidently be self-directed, display initiative, set priorities, establish goals, and take responsibility for pursuing those goals in an ever-changing society. Career Education offers individual students opportunities to acquire the knowledge and competencies necessary for success in school, in the workplace, and in their daily lives.

PURPOSEFUL CAREER-LIFE DEVELOPMENT

For most people, career-life planning will not be a matter of making one major decision and living with it for a lifetime. Educated citizens in today's ever-changing world are open to multiple possibilities for the future, and are flexible and able to adapt to emerging opportunities that fit their overarching values and aspirations. The CLE and CLC curricula are designed to help students learn how to effectively manage their life journey toward several possible preferred futures.

Through purposeful career-life development, students learn to recognize their evolving interests and strengths, refine their learning goals, and apply this self-knowledge to exploration of post-graduation possibilities in diverse education, work-related, and personal life contexts. In this way, students are able to advance toward who and how they want to be in the world.

CAREER LIFE CONNECTIONS 11/12

Career Life Connections enables students to continue to develop the skills needed to be self directed individuals who set goals, make thoughtful decisions and take responsibility for their future pursuits. Students will explore education and careers, as well as personal health and finances. Students will design, assemble and present their Capstone Project. The Capstone project allows students to demonstrate their learning through an area of interest or passion. It is a rigorous learning opportunity for students to reflect and share in personally meaningful ways, and is a requirement for Career-Life Connections and for graduation. The purpose of the capstone is for students to demonstrate the knowledge, competencies, and passion(s) that they can offer the world, as they integrate personal interests and strengths with preferred future possibilities. The course concludes with a student led 'Exhibition of Learning' that highlights their Capstone Project.

TRADES PROGRAMS (DISTRICT PROGRAMS)

The Surrey School district offers over twenty District Partnership Programs for students who are interested in trades training or an academic program. District Partnership Programs provide students with an opportunity to earn credit toward graduation from secondary school at the same time as they are earning credit toward post-secondary programs.

District Partnership Programs are delivered in collaboration with local post-secondary institutes and industry training providers. While some of the dual credit programs have an academic focus, the Youth Train in Trades Programs enable students to begin training in specific trades.

Benefits to Students

- Earn high school and post-secondary credits
- Begin training for a career while still in high school
- Acquire marketable skills
- Save money. Tuition is paid for by the Surrey School District

For more information, check out the links <https://www.surreyschools.ca/departments/CAED/Programs/Pages/default.aspx>

Please see Mr. Fisher to obtain an application package.

WORK IN TRADES

Youth Work in Trades (SSA)

Students that are 15 or older can enroll in this program. They must also formally register with the Industry Training Authority as Youth Apprentices. Successful completion of the program earns students 16 credits towards graduation. Some may also qualify for the Youth Work in Trades (WRK) Award, a \$1000 award given to students for sustained and exceptional work as an apprentice.

If you are a high school student already working as an apprentice, speak to Mr. Fisher about signing up for this program.

WORK EXPERIENCE 12A AND 12B

Work Experience (WEX) elective courses WEX 12A and 12B are each worth four credits towards graduation, comprise approximately 90-120 hours, and may include in-school time spent on specific workplace orientation, safety instruction, and Ministry curriculum. However, students must spend most of the course time in authentic work experience placements. At Clayton Heights, we can both track hours from an existing job you are currently in (as long as it coincides with a student's focus area) or set you up with a brand new work experience.



GRADE 8 COURSE PLANNING

6 Required Courses

1. Humanities 8 (Social Studies and English) (2 courses)
2. Mathematics 8
3. Science 8
4. Physical and Health Education 8
5. French 8

3 Elective Courses (Choose 2 only)

Band 8

Fine Arts 8: Art/Drama/Media Arts

Skills 8 - rotation of Home Economics, Tech Ed and Computers

CAREER EDUCATION (C.E.) 8



Career Education provides students with the knowledge and skills that will assist them in making informed decisions related to their:

- Personal goals
- Future education and careers

The delivery model includes:

- Direct instruction embedded into specific subject areas
- Grade level assemblies with topics presented by guest speakers

Career Education 8 is embedded in the Gr. 8 Skills and Fine Arts rotations which means it is not a stand alone course.

GRADE 8 COURSE DESCRIPTION

HUMANITIES 8

Grade 8 students will be enrolled in Humanities 8

Humanities 8 is a linear (year long) course allowing the students to maintain the same teacher throughout the school year. This allows for teacher/student continuity; as well, students will make the transition from the elementary to the secondary level classroom with greater ease.

Humanities 8 integrates both the skills and curriculum of English and Social Studies. The skills, knowledge and strategies taught or introduced include but will not be limited to:

- reading
- written expression
- analyzing
- speaking
- listening
- researching and applications skills

Humanities 8 is based around the historical organizer of the years 600 CE to approximately 1750 CE and to the literature of the present time.

MATHEMATICS 8

The Big Ideas of Numeracy, Patterns, Geometry, Measurement, and Data Analysis will be explored in the content of this course.

Students are expected to demonstrate their abilities through the Curricular Competencies of:

- Reasoning and analyzing
- Understanding and solving
- Communication and representing
- Connecting and reflecting

SCIENCE 8

Students are introduced to:

- Cell theory
- KMT and Atomic Theory
- Optics
- Plate Tectonics
- Scientific inquiry skills: questioning and predicting, planning, analyzing data, evaluating and communicating.
- Developing laboratory skills: measuring, recording, dissecting.

PHYSICAL AND HEALTH EDUCATION 8

The rationale for Physical and Health Education is to promote the benefits and rewards of a student body that is active and healthy. We also aim to create an environment that fosters positive attitudes towards physical activity and promotes active participation through a variety of activities. A variety of Health topics will be covered throughout the semester both in PE classes and through school wide assemblies and workshops.

The four major curriculum organizers are:

- Physical Literacy
- Health and Active Living
- Social and Community Health
- Mental Well-Being

FRENCH 8

Students learn:

- basic grammatical principles that allow them to continue French at higher levels
- principles to prepare them for the study of another language
- to develop communication skills to have the desire and ability to express themselves in real-life situations

CONCERT BAND 8

Prerequisite: Grade 7 band would be an asset but is not mandatory.

Concert Band 8 is offered as a linear course alternating with PE 8. All elements of instrumental music, technique, style, tone, etc. are offered in an ensemble setting.

Students will be introduced to:

- various composers
- styles
- musical genres

Evaluation is based on performance level, rehearsal skill, tone quality and attendance at all performances.

ART / DRAMA / MEDIA ARTS 8

In Visual Arts 8, students will explore the world of 2D and 3D art by looking at the elements of design, developing practical artistic skills, and using a wide variety of mediums.

In Drama 8, students will develop in the following areas:

- concentration and self-confidence
- movement and mime
- vocal expression
- use of imagination and improvisation
- observation and communication
- working cooperatively in groups

In Media Arts 8, students will explore the technical and artistic world of digital media of digital illustration, animation, and video production.

SKILLS 8

Course enhancement fees may apply.

This course is designed to introduce students to a wide range of elective courses. Students will rotate through different teachers to learn skills in the following areas:

- Home Economics
- Tech Ed
- Computers



GRADE 9 COURSE PLANNING

3 Required Courses—Automatically selected for you.

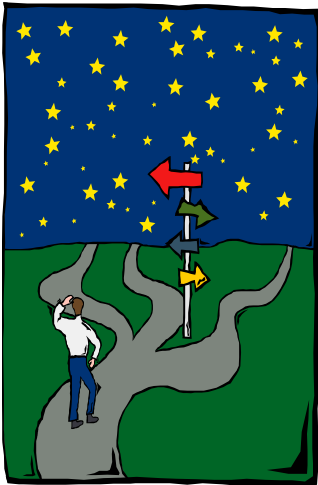
1. Mathematics 9 or Math 9W (Workplace)
2. Science 9
3. Physical and Health Education 9

2 Required Courses—Choose either English 9 and Socials 9 or Humanities 9

1. English 9 and Socials 9
2. Humanities 9

3 Elective Courses

Students begin the Graduation Program in their grade 10 year.



CAREER EDUCATION (C.E.) 9

Career Education provides students with the knowledge and skills that will assist them in making informed decisions related to their:

- personal goals
- future education and careers

The delivery model includes:

- direct instruction embedded into specific subject areas
- grade level assemblies with topics presented by guest speakers

Career Education 9 is not a stand alone course.

GRADE 9 COURSE DESCRIPTION

ENGLISH 9

This course is designed to develop students' skills and appreciation of literature and language through:

- Exploring materials to make connections to ourselves, others, and the world
- Develop our understanding of language and the different purposes and perspectives found in a text

The students will demonstrate an interpretive understanding of:

- poetry
- novels
- short stories
- drama (introduction to Shakespeare)
- non-fiction

Composition skills will be emphasized. The activities and resources are selected to appeal to a range of interests and abilities.

At the conclusion of the semester, students will write a final exam which represents all areas.

MATHEMATICS 9

Recommendation: It is advised that students and parents consult with the teacher before course selection is made.

The Big Ideas of Numeracy, Patterns, Geometry, Measurement, and Data Analysis will be explored in the content of this course.

Students are expected to demonstrate their abilities through the Curricular Competencies of:

- Reasoning and analyzing
- Understanding and solving
- Communication and representing
- Connecting and reflecting

MATH 9 WORKPLACE (9W)

Recommendation: Teacher recommended

The Big Ideas of Numeracy, Patterns, Geometry, Measurement, and Data Analysis will be explored in the content of this course.

Students are expected to demonstrate their abilities through the Curricular Competencies of:

- Reasoning and analyzing
- Understanding and solving
- Communication and representing
- Connecting and reflecting

The Math 9W is comprised of 60% of the learning outcomes covered in Math 9. Upon successful completion of this course students can go onto Math 10W. Students could also choose to go onto Math 9 in order to get back into the Foundations/Pre-Calculus Pathway.

Please Note: The Foundations/PreCalculus Pathway cannot be entered through completion of the Math 9W

course. Students need to successfully complete Math 9 in order to do so.

SOCIAL STUDIES 9

Big Ideas

- Ideologies influence societies
- Environment influences politics, society, and economics
- Power changes relationships between individuals and societies
- Collective identity changes over time

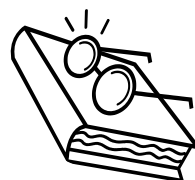
These ideas will be examined using the content themes listed below and by learning about historical examples from the time period of 1750-1919.

- Revolutions
- Imperialism and Colonialism
- Demographic Shifts
- Nationalism and Development of Modern Nations-States
- Conflict
- Discriminatory Policies and Historical Wrongs
- Physiographic Features of Canada

Humanities 9

What brings people together and what keeps them apart? How and why does this change? These are the big questions we ask in Humanities 9. Building on the reading, writing, speaking and thinking skills from Humanities 8, this year-long course will explore stories from the past and present. Through these stories, we explore personal and collective identities, worldviews, causes of political, social and economic changes, and the consequences of these changes.

English Language Arts and Social Studies are blended together in this class. The historical foundation will focus on the years 1750-1919. We will make connections between the past and the present to better understand ourselves, the world around us, and the issues we are facing today. We will read and respond to a wide variety of texts including novels, propaganda posters, short stories, podcasts, graphic stories, poetry and non-fiction texts. We will communicate our historical and critical thinking on topics such as the causes of revolutions and rebellions, the motivations and consequences of colonization, and the legacies of nationalism. While understanding how Canada came to be is an anchor in this course, we explore events from around the world and diverse experiences as Canada forms into a nation of its own.



GRADE 9 COURSE DESCRIPTION

SCIENCE 9

This course will build upon the knowledge in science 8 through topics such as:

- Cell division (mitosis, meiosis)
- Elements and the periodic table
- Electrical circuits
- Nutrient cycles in the environment
- Scientific inquiry skills questioning and predicting, planning, analyzing data, evaluating and communicating.

PHYSICAL AND HEALTH EDUCATION 9

The rationale for Physical and Health Education is to promote the benefits and rewards of a student body that is active and healthy. We also aim to create an environment that fosters positive attitudes towards physical activity and promotes active participation through a variety of activities. A variety of Health topics will be covered throughout the semester both in PE classes and through school wide assemblies and workshops.

The four major curriculum organizers are:

- Physical Literacy
- Health and Active Living
- Social and Community Health
- Mental Well-Being

FINE ARTS

MEDIA ARTS 9: ANIMATION

Animation 9 is a hands on, practical introduction to the diverse world of animation. Students will have the opportunity to create projects using a variety of classic and digital animation techniques and try will be able to experiment with different types of animation including digital 2D animation (Adobe Animate), motion graphics and stop-motion (Claymation, Lego, cut outs). They will then use Adobe Premiere to assemble and edit their animation creations and will be able to add music and sound effects to bring the animations to life. Students will also be given time to explore their own animation ideas or techniques.

STUDIO ARTS 9: GENERAL

This is a survey course where students will dabble in a wide variety of 2D/3D artistic styles and concepts around visual identity.

Concepts that may be covered:

- Art History: Superflat, Expressionism, Dada, Constructivism
- Design Strategies: Abstraction, magnification, exaggeration

- Artistic Skills:
 - Introductory drawing (graphite)
 - Poster or tempera painting
 - Sculpture
 - And more...

DRAMA 9

A CREATIVE drama class which includes theatre skills and techniques. It covers the following areas:

- character development
- movement
- scene-building
- scripted scenes
- monologues
- improvisation

CONCERT BAND 9

Prerequisite: Minimum one year's experience on primary instrument (and be able to read music) or permission of director

Concert Band 9 is offered as a linear course alternating with PE 9.

- all elements of instrumental music
- technique
- style
- tone
- all offered in an ensemble setting

In addition to regular Music Department Concerts and the District Band Revue, this group may also be involved in the participation of a Music Tour out of the country to destinations such as Europe, California or Hawaii.

Evaluation is based on performance level, rehearsal skill, tone quality and attendance at all performances.

GUITAR – INSTRUMENTAL MUSIC 9

Guitar is a one-semester course covering the basics of the instrument and an application of essential music fundamentals. Students will learn the basics of playing guitar at a beginning level through studying music notation, chord symbols, and peer modeling. A brief history of the guitar along with a study of its respective musical styles will also be covered in this course.

The main objective of this course is to create an enhanced appreciation for music through playing the guitar. Students will learn how to read music notation, chord symbols, and tablature. Students will also gain a better understanding of many different musical genres including classical, flamenco, blues, jazz, rock, and pop music.

GRADE 9 COURSE DESCRIPTION

JAZZ BAND 9

Prerequisite: Minimum two years experience on primary instrument (and be able to read) music or permission of Director. Recommend that students be enrolled in Concert Band 9. (or have permission of Director)

The Jazz Band 9 course undertakes the study of jazz style in a big band setting. This will become the Junior Jazz Band, comprised of Grade 8 and 9 students. . Instruments included are:

- saxophone
- drum set
- trombone
- bass
- trumpet
- guitar
- piano
- flute players should enroll with a saxophone

If you are new to the study of jazz or are new to the school, you must consult with the Music Dept. Director to see if enrollment is appropriate.

Evaluation is based on technical level, rehearsal skill, attendance at performances, tone quality and jazz improvisation skill.

CONCERT CHOIR 9

THIS COURSE IS OPEN TO ALL INTERESTED STUDENTS OF VARIED VOCAL TALENTS AND ABILITIES.

Concert choir will focus on a quality choral repertoire representing a variety of choral styles, appropriate in difficulty and range for beginning students. Students will:

- learn to read music
- sing a variety of songs
- prepare for public performances, and assemblies such as Remembrance Day
- develop musicianship and specific performance skills through ensemble and solo singing
- be provided instruction in creating, performing, conducting, listening to, and analyzing music

LANGUAGES

FRENCH 9

Recommendation: French 8

Optional Student Workbook: \$5.00

French 9 builds upon the basics learned in French 8. The course will:

- continue to develop students' oral communication skills
- put more emphasis on writing and reading
- include relevant and practical topics such as food, school, family and travel
- continue to increase their knowledge of French grammar with an emphasis on the past tense of verbs

SPANISH 9

Designed to:

- introduce the student to basic Spanish grammar structures and vocabulary
- develop communication skills through listening, speaking, reading and writing

At the end of this course, students will be able to communicate effectively on topics such as family, friends, school and leisure activities.

BUSINESS & INFO TECH

INFO TECH 9

This course offers an introduction to the two streams of Information Technology Courses, the programming stream (Computer studies 10, Computer Programming 11, and computer programming 12) and the non-programming stream (Web Development 10, Digital Communications 11, and Digital Media Development 12). Students may chose as much of each stream as they like.



GRADE 9 COURSE DESCRIPTIONS

HOME ECONOMICS

Course enhancement fees may apply.

Food & Fashion 9 includes curriculum from Food Studies 9 and Textiles 9. Students choosing Food & Fashion 9 must not choose Food Studies 9.

FOOD & FASHION 9

Foods & Fashion 09 includes curriculum from Food Studies 09 and Textiles 09. Students choosing Foods and Fashion 09 **must not choose** Foods Studies 09.

Foods and Fashion 09 is a blend of two introductory hands-on courses that provides an overview of basic recipes and cooking principles along with both hand and machine sewing. Students will focus on the meal preparation of breakfast, lunches, dinners, and snacks while developing their safety and sanitation skills. In addition, utilizing the principles of design, students will also complete a 3D plushie and personalized PJ shorts!

FOOD STUDIES 9

Food Studies 09 is an introductory course that provides an overview of basic recipes and cooking principles, navigating through our meals and snacks of the day. This hands-on practical course will develop the principles and skills in safety, sanitation, food preparation, and nutrition knowledge in an effort to develop life-long skills and healthy lifestyle habits.

Lab work centers around Snack, Breakfast, Lunch and Dinner recipes while theory focuses on:

- pathogenic microbes associated with food-borne illnesses
- components of food preparation, including use and adaptations of ingredients, techniques, and equipment
- health, economic, and environmental factors that influence availability and choice of food in personal, local, and global contexts
- ethical issues related to food systems
- First Peoples traditional food use, including ingredients, harvesting/gathering, storage, preparation, and preservation

LEADERSHIP 9

Do you enjoy planning activities, working with others to solve problems, and taking part in community events? If so, then Leadership 9 is the course for you! The main goals of the Leadership 9 course are to provide students with an opportunity to assess their personal leadership strengths, to analyze community needs, and to work collaboratively on projects based on these needs. Students will learn about leadership theory and style, successful event planning requirements, and how to communicate effectively in group situations. In the process, students will make a positive difference for others in Clayton Heights secondary and the local community.

Students who want to take part in leadership courses must:

- have excellent attendance
- have a C+ or better average

- have excellent work habits
- show personal initiative and self-motivation
- have the ability to work independently with minimal supervision
- have 40 volunteer hours

TECHNOLOGY EDUCATION

Course enhancement fees may apply.

MEDIA TECHNOLOGY 9

Media Technology 9 is a practical opportunity to explore the world of digital media in a hands-on, cooperative learning environment. In Media Tech 9 students use DSLR cameras and professional editing software (Premiere, Photoshop, After Effects) to produce a variety of digital media projects (short films, top ten lists, commercials, etc.). Students may also have the opportunity to help produce the school news show, CHTV.

DRAFTING AND DESIGN 9

Students will explore the fundamentals of product design and learn to communicate their ideas through basic drafting principles. Orthographic projections, architectural drawings, CAD software, and 3D modeling will be introduced.

METAL TECHNOLOGY 9

This project based course is designed to develop students' metalwork skills through the creation of small projects, supported by theory work. Students will study sheetmetal work, joining techniques including MIG and arc welding, and become familiar with the safe and effective use of hand and power tools.

ART METAL 9

This course is designed to introduce students to basic principles of metal fabrication and jewelry design. In this course students will explore techniques including soldering and metal manipulation through the construction of various projects. Projects may include rings, bracelets, pendants, stained glass, metal sculptures, chainmail, and others. An emphasis is placed on safe working habits.

WOODWORK 9

This course is an introduction to joinery and cabinet making.

- primary focus is to develop safe, effective operating techniques with woodworking machinery
- all major stationary and portable power woodworking machines are covered
- a special emphasis on safety

GRADE 10 COURSE PLANNING

6 Required Courses

1. Composition 10 **AND** Creative Writing 10, Spoken Language 10 Literary Studies 10 or New Media 10
2. Mathematics 10 (Foundations & Pre-Calculus or Workplace Mathematics)
3. Social Studies 10
4. Science 10
5. Physical and Health Education 10
6. Career Life Education 10

2 Elective Courses

CAREER EDUCATION 10

The Career Education curriculum involves students in research, problem solving, and decision making relevant to career planning. Students need opportunities to explore and research a multitude of education and career pathways. These pathways require graduates who can confidently be self-directed, display initiative, set priorities, establish goals, and take responsibility for pursuing those goals in an ever-changing society. Career Life Education offers individual students opportunities to acquire the knowledge and competencies necessary for success in school, in the workplace, and in their daily lives.



GRADE 10, 11, 12 COURSE DESCRIPTIONS

ENGLISH

ENGLISH 10 PROGRAM

NEW MEDIA 10

In this course students will engage with modern communication tools. They will consider things like technology in today's society, communicated via digital media, and digital literacy skills. Students will be assessed on their ability to demonstrate understanding of these concepts through a variety of digital and print media. Possible course focuses:

- Media and Film studies (analysis of film, challenges and opportunities in modern media)
- Journalism and Publishing (introduction to challenges and opportunities in modern professional journalism)
- Digital communication (blogging, writing for the web, writing for social media, gaming, podcasting etc.)

CREATIVE WRITING 10

Creative Writing 10 provides students with in-depth opportunities to become better writers through the exploration of personal and cultural identities, memories, and stories in a wide range of genres. Within a supportive community of writers, students will collaborate and develop their skills through writing and design processes. This course is intentionally grounded in the exploration and application of writing processes, inviting students to express themselves creatively as they experiment with, reflect on, extend, and refine their writing.

The following are possible areas of focus within Creative Writing 10:

- Slam poetry, oratory, rap, drama, song, graphic novels
- Creative non-fiction, historical fiction
- Poetry, song lyrics
- Visual, written and oral texts

SPOKEN LANGUAGE 10

Spoken Language 10 is designed to support students in their development of spoken communications through processes of questioning, exploring, and sampling. The course builds students' spoken language competencies by introducing them to varied structures, forms, and styles of oral compositions and by providing opportunities for students to individually and collaboratively study, draft, and use language to create original pieces in a variety of modes. This area of choice will also provide students with opportunities for performance, storytelling, and public speaking.

FOCUSED LITERARY STUDIES 10

Focused literary studies allows students to follow their passion and, at the same time, delve more deeply into literature in order to increase literacy skills. Students will broaden their understanding of themselves and the world, develop higher level thinking and learning skills through more focused literary study. Students will explore specific themes, periods, authors, or areas of the world through literary works (fiction and non-fiction) in a variety of media. Possible topics/themes are:

- short stories
- novel
- drama
- graphic novels

NEW MEDIA 11

This course expands and develops the ideas of New Media 10 into deeper and more sophisticated levels. You do not have to have taken New Media 10 to take this course. In this course students will engage with modern communication tools. They will consider things like technology in today's society, communicated via digital literacy skills. Students will be assessed on their ability to demonstrate understanding of these concepts through a variety of digital and print media. Possible course focuses:

- Media and Film studies (analysis of film, challenges and opportunities in modern media)
- Journalism and Publishing (introduction to challenges and opportunities in modern professional journalism)
- Digital communication (blogging, writing for the web, writing for social media, gaming, podcasting etc.)

CREATIVE WRITING 11

Senior Creative Writing provides students with in-depth opportunities to become better writers through the exploration of personal and cultural identities, memories, and stories in a wide range of genres. Within a supportive community of writers, students will collaborate and develop their skills through writing and design processes. This course is intentionally grounded in the exploration and application of writing processes, inviting students to express themselves creatively as they experiment with, reflect on, extend, and refine their writing.

The following are possible areas of focus:

- Short fiction and poetry—flash-fiction, graffiti, children's lit., fantasy, graphic, thriller, etc.
- Creative non fiction—columns, features, articles, queries, captions, layout, reporting interviews, reviews, etc.
- Memoir—narrative, film memoir, sample readings

GRADE 10, 11, 12 COURSE DESCRIPTIONS

ENGLISH

FOCUSED LITERARY STUDIES 11

Focused literary studies allows students to follow their passion and, at the same time, delve more deeply into literature in order to increase literacy skills. Students will broaden their understanding of themselves and the world, develop higher level thinking and learning skills through more focused literary study. Students will explore specific themes, periods, authors, or areas of the world through literary works (fiction and non-fiction) in a variety of media. Possible topics/themes are:

- short stories
- novel
- drama
- graphic novels

SPOKEN LANGUAGE 11

Spoken Language 11 is designed to support students as they refine, clarify, and adjust their spoken communication through practice and revision. The course provides opportunities for students to, with increasing independence, study, create, write, and present original and authentic pieces for a range of purposes and real-world audiences. They will expand their competencies through processes of drafting, reflecting, and revising to build a body of work that demonstrates expanding breadth, depth, and evidence of spoken language genres for a range of situations. They will develop confidence in their abilities as they consolidate their spoken language skills. The following are possible areas of focus in Spoken Language 11:

- Performance — suggested content/topics include spoken word/slam poetry, poetry recitation, oral storytelling, readers' theatre, radio/podcasts/video posts
- Oral tradition — suggested content/topics include oratory, local story knowledge, oral history
- Professional applications — suggested content/topics include speech writing/presenting, proposals, interviewing, event facilitation, radio/podcasts/video posts (information items), voice-overs

ENGLISH STUDIES 12

The aim of English Language Arts is to provide students with opportunities for personal and intellectual growth through:

- speaking
- listening
- reading
- viewing
- writing
- representing to make meaning of the world and to prepare them to participate effectively in all aspects of society

To deepen students' knowledge, comprehension, analytical, synthetical and evaluative skills, students will:

- use oral language to interact, present, question, explain, persuade
- listen, read and view to comprehend and respond to a variety of grade-appropriate texts
- write and represent to create a variety of meaningful personal, informational, and imaginative texts

CREATIVE WRITING 12

Creative Writing 12 is designed for students who are interested in creating a body of work reflective of a sophisticated breadth and depth of skill. The course provides students with opportunities to specialize and publish in real-world contexts. Students engage in the exploration of personal and cultural identities, memories, and stories, in a wide range of genres. Within a supportive community, students will collaborate and develop their skills through writing and design processes, celebrating successes. Students will refine their ability to write in complex, controlled styles with effectiveness and impact.

The following are possible areas of focus within Creative Writing 12:

- fiction and poetry – suggested content includes flash fiction, graffiti, sub-genres (e.g., adventure, children's literature, comic/graphic, fantasy, fan fiction, historical fiction, horror, sci-fi, dystopian, suspense, thriller, tragedy, romance), drama, script writing, poetry, authenticity versus sentimentality, literary devices and techniques, various forms, the relationship between form and function
- creative non-fiction – suggested content includes columns, features, articles, queries, captions, layout, reporting, interviews, reviews (fashion, movie), advertising, titles, bylines, sample readings
- memoir – suggested content includes place-based writing, narrative, film memoir, sample readings

LITERARY STUDIES 12

Literary Studies 12 allows students to delve more deeply into literature through increasingly complex texts. Students can explore specific themes, periods, authors, or areas of the world through literary works (fiction and non-fiction) in a variety of media. Giving students the choice of a range of literary topics allows them to follow their passion and at the same time:

- increase their literacy skills through close reading of appropriately challenging texts
- enhance their development of the English Language Arts curricular competencies, both expressive and receptive
- expand their development as educated global citizens
- develop balance and broaden their understanding of themselves and the world
- further refine higher-level thinking and learning skills

The following are possible areas of focus in Literary

GRADE 10, 11, 12 COURSE DESCRIPTIONS

ENGLISH

Studies 12:

- genre-specific studies – poetry, short stories, novels, drama, graphic novels, children’s literature
- world literature
- diasporic literature
- feminist literature
- Canadian literature
- First Peoples texts
- specific author studies
- topic, theme, or inquiry
- canonical literature by era—Middle Ages, Renaissance, Restoration, Romantic, Victorian, 20th century

SPOKEN LANGUAGE 12

Spoken Language 12 is designed to support students in the refinement of spoken language forms. The course provides opportunities for students, with increasing independence and self-sufficiency, to study, create, write, and present original and authentic pieces for a range of purposes and audiences using real-world applications with impact and effectiveness. They will develop their craft through processes of drafting, reflecting, revising, and practicing to build a body of publishable and/or performance-based work that demonstrates breadth, depth, and evidence of sophisticated and specialized spoken language pieces for a range of situations.

The following are possible areas of focus in Spoken Language 12:

- performance – suggested content/topics include spoken word/slam poetry, poetry recitation, oral storytelling, readers’ theatre, radio/podcasts/video posts
- oral tradition – suggested content/topics include oratory, local story knowledge, oral history
- professional applications – suggested content/topics include speech writing/presenting, proposals, interviewing, event facilitation, radio/podcasts/video posts (information items), voice-overs

New Media 12

New Media 12 is a program of studies designed to reflect the changing role of technology in today’s society and the increasing importance of digital media in communicating and exchanging ideas. This course is intended to allow students and educators the flexibility to develop an intensive program of study centered on students’ interests, needs, and abilities, while at the same time allowing for a range of local delivery methods.

New Media 12 recognizes that digital literacy is an essential characteristic of the educated citizen. Coursework is aimed at providing students with a set of skills vital for success in an increasingly complex digital world by affording numerous opportunities to demonstrate understanding and communicate increasingly sophisticated ideas through a wide variety of digital and print media.

Compared with New Media 11, New Media 12 features tasks and texts of greater complexity and sophistication. As well, the Grade 12 course extends the depth and breadth of topics and activities offered in New Media 11. The following are possible focus areas in New Media 12:

- media and film studies – suggested content/topics include the globalization of the media industry, influence of media on users’ perceptions, documentaries in the age of digital media
- journalism and publishing – suggested content/topics include the changing roles and structures within news organizations; risks, challenges, and opportunities associated with professional journalism
- digital communication – suggested content/topics include blogging, writing for the web, writing for social media, gaming, podcasting



GRADE 10, 11, 12 COURSE DESCRIPTIONS

SOCIAL STUDIES

SOCIAL STUDIES 10

Social Studies 10 focuses on the development of Canada in the 20th century from 1919-2000. The course specifically focuses on:

- National Identity & the development of the welfare state
- Canadian autonomy from Britain & the USA
- Canada's involvement in international conflicts
- Canada's political system & injustices caused by various governments
- Canada's role in the modern world
- Truth and reconciliation in Canada
- Human Geography & world development

20TH CENTURY WORLD HISTORY 12

At times, it may not feel like it, but the 21st Century has begun as one of the most peaceful times on Earth. Could this be the result of its predecessor - 100 years that changed the world and has impacted our lives today? Students will study the struggles and issues of people from around the world and the events that have shaped today.

This course is a combination of teacher-directed and inquiry-learning that begins at the end of World War 1, examines the Russian Revolution and the rise of two totalitarian regimes (Stalin and Hitler), Democide, World War 2, Japanese Imperialism, the Cold War and the subsequent shiver felt around the world, plus numerous other significant events of the 20th century.

ASIAN STUDIES 12

Since the mid-19th century, Asia has grown to be an influential global force with Canada being one of the many nations feeling the impact of the continent's rise. In this course you will examine the geography, economy, political and social institutions and movements, along with key historical events that have occurred in Asia from the 1850s to the present.

Possible Course Content: physical and human geography of continental Asia and specific countries such as China, Japan and India (geographic features, climate, living standards, population, migration, urbanization, environmental issues); economic systems and the impact of industrialization and globalization on Asia and its trading partners; government and its impact on human rights, social and class structure; colonialism; nationalism; Communist Revolution in China and rise of Mao, Indian independence movement, World War II in the Pacific, Korean War, Vietnam War, Asian contribution to Canadian identity and history.

Students taking the course are recommended to have a minimum grade of a C+ in Social Studies 10 as this course involves a lot of reading and writing.

PHYSICAL GEOGRAPHY 12

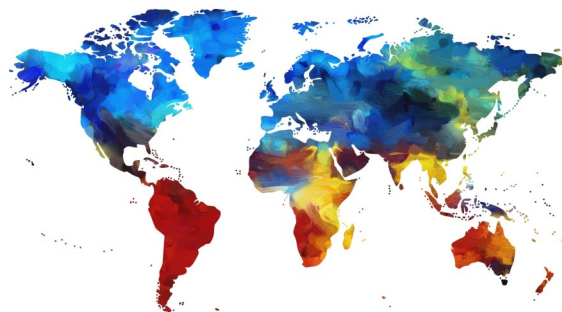
This course examines the physical world around us: how various features have been formed, how they change, and how humans work with, and are affected by these elements.

Plate Tectonics

Gradational forces (and the features they create)

- Rivers, Groundwater, Wind, Waves, Glaciers
- Weather and Climate
- Biomes and Soil
- Natural Disasters (earthquakes, volcanoes, floods, droughts, hurricanes, tornadoes)
- Natural Resources

This is a very visual course and a base of map and aerial photo analysis skills will be used in various units. This course is very similar to a first year physical geography course in college or university.



Socials 11 Explorations

This course takes a practical approach to developing thinking and communication skills as you explore issues and trends affecting Canadians both here at home, and around the world. You will explore topics that help develop the skills for being an informed and active citizen through disciplines such as civics, physical and human geography, social justice, and local issues. This is not a pre-requisite for any of the grade 12 level Social Studies courses.

GRADE 10, 11, 12 COURSE DESCRIPTIONS

SOCIAL STUDIES

BC FIRST PEOPLES 12

This course is created with an objective to learn *about* the First Peoples of BC, and not just what happened to them. If you've ever wondered what the different nations of BC were like historically, where they are, and how the functioned this course will provide an overview. The first half of the course will examine traditional functioning of the many nations in BC and their traditions socially, politically, economically and spiritually. What roles do those traditions currently play, and what could we be learning from them today?

The second half of the course brings us to current day and examines contemporary Indigenous issues in BC and the rest of Canada. What have the effects of the last 250 years had on Indigenous peoples, our society as a whole, and how do we move forward?

This course will likely have a final project in lieu of a final exam.

SOCIAL JUSTICE 12

You will examine your personal beliefs and biases as a gateway to understanding that all people have particular lenses through which they see and examine the world. The causes of most social justice issues are complex and have lasting impacts on society. Examination through example will be the primary strategy.

We will look at both historical and current issues as well as local and international examples to gain a broader perspective and understanding. Areas of concentrated study will include: Beliefs and biases, Race, Law, vs. Justice, Propaganda, Genocide Gender, Human Trafficking, poverty and homelessness and more.

This course will have a final project in lieu of a final exam.

GENOCIDE STUDIES 12

Often, when people hear the term genocide, their minds immediately go to the Holocaust that occurred at the hands of the Nazis. Images of emaciated bodies of Jewish people come to mind, quickly followed by thoughts that this can't happen again. Genocide Studies will define the term genocide and note that before the term was coined, genocide has been occurring long before World War 2, and has occurred a number of times since.

In this course, we will look at the following:

- origin and development of the term genocide
- economic, political, social and cultural conditions of genocide
- characteristics and stages of genocide
- acts of genocide throughout history and around the

world

- recognition and response to genocide

LAW 12

Law is essential to the effective functioning of our Canadian society and, by its nature, influences all of us both directly and indirectly every day of our lives.

This is a practical course in which the student:

- will gain an understanding of the origins and processes of Canadian law
- enable them to better understand their rights, limitations and obligations
- learn the function of law, criminal law, civil law, family law, contract law
- investigate youth and the law and civil rights

Law 12 will be particularly helpful to students considering a career in politics and government or as paralegals, police officers or lawyers.

As the course involves sophisticated readings, it is suggested that students have a solid background in both Social Studies and English.



GRADE 10, 11, 12 COURSE DESCRIPTIONS

SOCIAL STUDIES

PSYCHOLOGY 11

(NOT A SOCIAL STUDIES CREDIT)

This course is designed to give students an introduction to Psychology. A variety of topics related to the study of human behavior and mental processes will be explored through examining and questioning why we act and think the way we do including:

- the teenage brain and how it can explain your behavior (brain & behavior)
- learning how your morals develop (developmental psychology)
- understanding the influences of friends, family, culture on our actions and thoughts (social psychology)
- uncovering the way in which we perceive and learn (sensation & perception, learning)

Students should be willing to self-reflect and share their ideas and opinions with others as we delve into a variety of social issues that arise in their personal lives, their community, and in society at large.

PSYCHOLOGY 12

(NOT A SOCIAL STUDIES CREDIT)

Psychology 12 is an interesting course that extends students' learning about human behavior as it relates to:

- **Personality:** students will define & explore the influences of nature, nurture and culture on personality, as well as explore their own traits.
- **Relationships, Sexuality and Gender:** students will explore theories of attraction, styles of love and a variety of perspectives on interpersonal relationships.
- **Health Psychology:** students will study the relationship between stressors, psychological factors and health and examine several coping methods to control one's health.
- **Psychological Disorders:** students will explore how abnormal behavior is defined and understand a variety of major mental disorders, including symptoms, predisposing factors, theories of causation and treatment.
- **Treatment and Therapy:** students will understand a variety of approaches to the treatment of mental disorders.



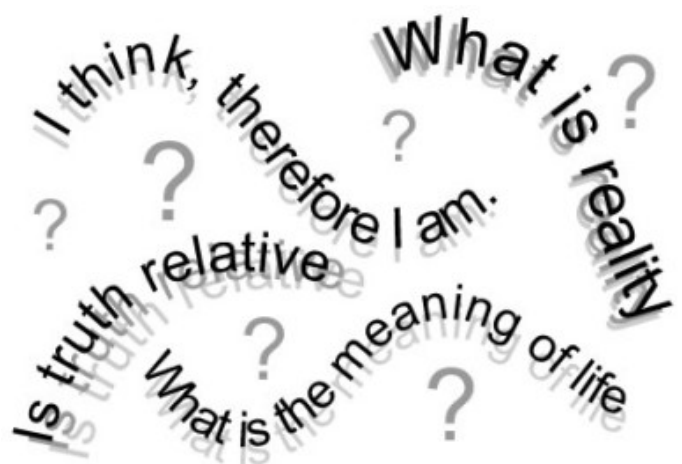
PHILOSOPHY 12

This *practical* course assumes that you are new to Philosophy (although I promise you have been asking a lot of philosophical questions since you were a child!). What will be assumed is that you still wonder about life and this world and want to get your bearings a little better. Philosophy is literally the 'love of wisdom' and wisdom means having insight about living. In this class students will inquire into the tradition of Philosophy and relate it to the issues of today. It is a practical course in learning *how* to think by looking at some great thinkers and some deep thoughts.

Issues and questions addressed include:

- What is Philosophy anyway? (and why should I bother?)
- What is Truth and why does it matter?
- What does it mean to know anything? How do we come to know?
- What makes a good argument?
- What does it mean to be human?
- Do we have free will?
- What is good? Evil? And why should we care?
- What is the meaning of life?
- Does God(s) exist?
- Is there an afterlife?
- What is beauty? Love? Happiness? Justice? Etc.

As you can see there is a lot we can and will consider. Students will develop their imaginative, critical, analytical and problem-solving skills through oral and written discussions and presentations.



GRADE 10, 11, 12 COURSE DESCRIPTIONS

MATHEMATICS

**IT IS ADVISED THAT STUDENTS AND PARENTS CONSULT WITH THE TEACHER
BEFORE COURSE SELECTION IS MADE**

MATH 10 FOUNDATIONS & PRE-CALCULUS

Designed to provide students with the mathematical understandings and critical-thinking skills identified for post-secondary studies. This course leads to both Foundations of Math 11 and Pre-Calculus 11.

Topics:

- algebra and number operations
- functions and relations
- Measurement
- trigonometry

The seven mathematical process (communication, connections, mental mathematics and estimation, problem solving, technology and visualization) are interwoven throughout the mathematical topics.

MATH 10 WORKPLACE

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:

- problem solving
- number operations
- algebra
- geometry
- measurement

The seven mathematical process (communication, connections, mental mathematics and estimation, problem solving, technology and visualization) are interwoven throughout the mathematical topics.

MATH 11 PRE-CALCULUS

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, such as Sciences and Engineering.

Topics include:

- expressions and equations (absolute value, radical, rational)
- trigonometry (angles in standard position, non-right triangles)
- absolute value functions
- reciprocal functions
- quadratic functions and equations
- systems of equations and inequalities (including quadratic)
- arithmetic and geometric sequences

MATH 11 FOUNDATIONS

Designed to provide students with the mathematical understandings and critical-thinking skills identified for post-secondary studies in programs that do not require the study of theoretical calculus, such as Economics, Geography, Psychology, Criminology, Arts or Humanities.

Topics include:

- measurement (rates and scales)
- geometric reasoning (angles and triangles)
- non-right triangle trigonometry
- logical reasoning
- spatial puzzles
- statistics (normal distribution, interpretation of statistical data)
- 2-variable linear inequalities
- quadratic functions
- history of mathematics

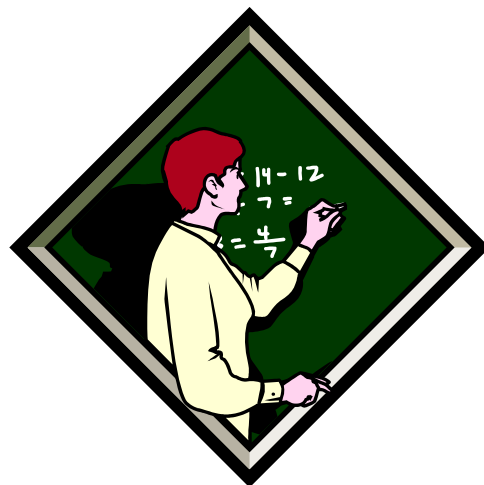
Most students will choose this pathway.

MATH 11 WORKPLACE

Specifically designed to provide students with the mathematical understandings and critical thinking skills identified for entry into the majority of trades at post secondary and for direct entry into the work force.

Topics include:

- surface area
- volume and capacity measurement
- trigonometry
- 3D objects
- numerical puzzles
- finance
- algebra (formulas, slope and unit analysis)
- graph of data



GRADE 10, 11, 12 COURSE DESCRIPTIONS

MATHEMATICS

MATH 12 PRE-CALCULUS

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, like Mathematics, Sciences or Engineering.

Topics include:

- trigonometry
- relations and functions (exponential & logarithmic, polynomial, radical, rational, and transformations)
- combinatorics

MATH 12 FOUNDATIONS

\$100 deposit for a graphing calculator

\$20 Math 12 resource book (optional)

Designed to provide students with the mathematical understandings and critical-thinking skills identified for post-secondary studies in the arts or the humanities.

Topics include:

- financial mathematics
- logic with numbers
- set theory
- probability
- combinatorics
- relations and functions

CALCULUS 12

Recommendation: Math 12 PC is required

\$50 deposit for a graphing calculator

This is an introduction to calculus designed to prepare students for university calculus.

Course content includes:

- limit theory
- differentiation
- integration and applications

Students who plan on attending UBC are required to complete Calculus 12 before they are eligible to take Math 100 or Math 104.

MATH 12 PRE-CALCULUS & ADVANCED PLACEMENT CALCULUS 12

(8 credits)

Linear—Year-long Course (combined)

Approximately \$100 for exam

This course combines Pre-Calculus 12 and Advanced Placement (AP) Calculus 12 in an academic year long format in order to prepare students for the AP exam in May.

The AP exam is prepared by the American College Board and students who are successful in the exam will receive advanced placement with many post-secondary institutions.

Students have the option of using their passing AP result to attain credit for first year calculus at most universities across North America and 60 countries around the World.



GRADE 10, 11, 12 COURSE DESCRIPTIONS SCIENCE

SCIENCE 10

This is the last general science course where students will study all the major branches of science.

Topics include:

- Atomic structure
- Chemical reactions
- Radioactivity
- DNA and Genetics
- Potential and Kinetic Energy
- Space and the Big Bang
- Laboratory and scientific inquiry skills

CHEMISTRY 11

This course builds on the ideas about atomic structure, matter and chemical compounds learned in science 9 and 10. There will be an emphasis on lab experiments as a way to demonstrate knowledge of chemical processes. Students will be designing and implementing their own experiments with the possibility of sharing those experiments in a junior science class.

Topics include:

- Atoms, molecules and the structure of matter
- The Mole as a quantity used to measure atoms and molecules
- Stoichiometry
- Solubility
- Organic chemistry

PHYSICS 11

This course introduces students to motion, forces and energy as it applies to objects in everyday life. There will be an emphasis on hands on lab activities as a way for students to demonstrate their knowledge of the topics in physics.

Topics include:

- Motion
- Forces and their influence on motion
- Forms of energy and its ability to do work
- Mechanical waves and the transfer of energy

LIFE SCIENCES 11

This course will introduce students to the various types of living organisms that exist on earth. Students will study the adaptations that organisms have as well as the differences between living things. This course also looks at different theories as to how life evolved and life at the cellular level.

Topics include:

- Evolution and the structure of DNA
- Microbiology
- Plant biology

- Animal biology with an emphasis on dissections to study the similarities and differences between different groups of animals.

ENVIRONMENTAL SCIENCES 11

This course will introduce students to the topics of how environments change over time and how human activities affect biodiversity, sustainability, and will help to restore ecosystems. This class will include a service learning component, where students will get to give back to the environment.

Topics include:

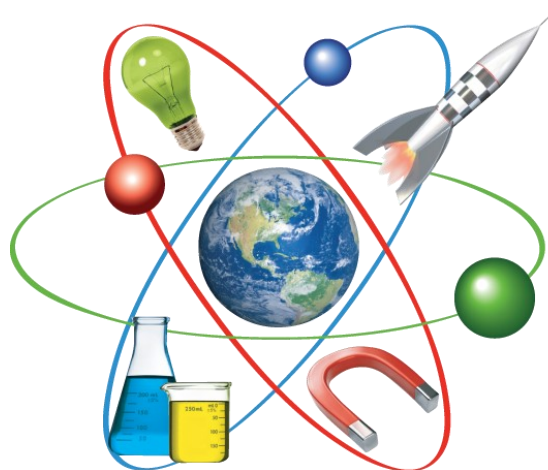
- Abiotic and Biotic characteristics of an ecosystem
- Energy flow through ecosystems
- Human impact on ecosystems

SCIENCE FOR CITIZENS 11

This course introduces students to the practical applications of the science in the workplace and its use in the development of technology. Students will investigate how scientific knowledge allows them to respond and adapt to changes locally and globally such as climate change and resource development.

Topics include:

- Science in the workplace including workplace safety and certification
- Scientific technologies in the workplace
- Human impact on natural resources and climate change
- Personal safety and awareness



GRADE 10, 11, 12 COURSE DESCRIPTIONS

SCIENCE

CHEMISTRY 12

In this course students will build on ideas presented in Chemistry 11. It is required that students have completed Chemistry 11 and recommended that students scored a C+ or higher in Chemistry 11 before taking this course. Topics include:

- Reaction Kinetics
- Solution chemistry
- Dynamic Equilibrium
- Acid base reactions
- Oxidation and Reduction reactions

PHYSICS 12

In this course students will further develop in ideas presented in Physics 11. It is required that students have completed Physics 11 and recommended that students have scored a C+ or higher in Physics 11 before taking this course.

Topics include:

- Forces and Motion
- Momentum
- Energy and electromagnetism

Anatomy and Physiology 12

In this course students will learn intricate details about the human body and how all the organ systems work together to maintain homeostasis. Students will also explore their bodies at the cellular level and learn about important biochemical compounds. It is recommended that students have taken either Biology 11 or Chemistry 11 and have scored a C+ or higher.

Topics include:

- Biochemistry
- Cell processes including DNA replication and protein synthesis
- Enzymes and metabolism
- Digestive system, Circulatory system, Urinary system, Respiratory system, Nervous system and Reproductive system



GRADE 10, 11, 12 COURSE DESCRIPTIONS LANGUAGES

The principal goal of our Language Program is to develop communication skills so that students will have the desire and ability to express themselves in real-life situations. According to the BC Ministry Language Education Policy, it is mandatory to study a second language for 4 consecutive years (grades 5, 6, 7 and 8). In Surrey, that language is French. Students should be aware that a grade 11 language course is a prerequisite for most universities, and that a grade 12 language course is required for certain university programs.

FRENCH 10

Recommendation: French 9

Optional Student Workbook: \$5.00

Students will:

- continue the sequence of instruction established in French 8 and 9
- take part in a variety of interactive situations helping to stimulate their interest and knowledge of French language and culture
- learn grammatical content based on practical and age appropriate themes

FRENCH 11

Optional Student Workbook: \$5.00

Students will:

- increase their abilities to communicate in French (listening, speaking, reading and writing) in context
- achieve positive attitudes about using French and their own abilities as language learners
- develop understanding and appreciation of culture
- explore issues and interests using French as the medium of expression

FRENCH 12

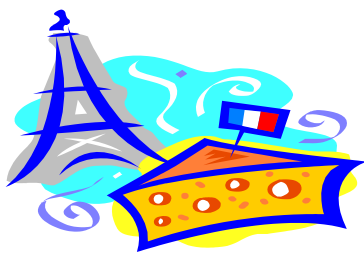
Recommendation: Minimum of 70% in French 11

Optional Student Workbook: \$5.00

This is a continuation of French 11.

Topics covered:

- an introduction to various literary genres
- further study of more sophisticated grammar
- polishing of the student's composition style
- develop the highest possible degree of fluency in order to enable the student to think, write, speak and read the French language



SPANISH 10

This course is a continuation of the “Avancemos” Spanish program. Course content includes the second half of the “Avancemos” textbook (approx. 12 lessons).

Students will:

- further develop their abilities to communicate effectively in Spanish on a number of topics such as: family, professions, food, clothing, music, films, sports, and customs
- expand their conversational skills
- develop a composition style

SPANISH 11

This course will:

- begin with a brief review of material covered in Spanish 9 and 10
- continue to develop communication skills
- new grammar structures will be introduced through the “Avancemos” audio-visual program

Students may purchase the “Avancemos” workbook which will be used in both Spanish 11 and Spanish 12. The course content includes the first half of the textbook of “Avancemos” (approx. 12 lessons).

SPANISH 12

Recommendation: Minimum of 70% in Spanish 11

This course is:

- a more in-depth look at the basic concepts of Spanish grammar
- introduces many of the fine points necessary to give a degree of polish and perfection to the student's knowledge of the language

The second half of the textbook “Avancemos” will be covered together with the latter part of the “Avancemos Cuaderno de Ejercicios”, which students may have purchased for the Spanish 11 course.



GRADE 10, 11, 12 COURSE DESCRIPTIONS VISUAL & PERFORMING ARTS

Course Enhancement Fees May Apply

ARTS

GRADE 10: STUDIO ARTS 10 GENERAL

This is a general arts course where students will practice a wide variety of 2D/3D artistic styles and concepts around the interplay of body and mind.

Concepts that may be covered:

- Art History: Surrealism, Cubism, Futurism, Metaphysical
- Design Strategies: Fragmentation, juxtaposition
- Artistic Skills:
 - Intermediate drawing (Graphite)
 - Acrylic Painting
 - Sculpture
 - And More

STUDIO ARTS 10 2D: DRAWING AND PAINTING

This course focuses on 2D art forms around the concept of the interplay of body and mind.

Concepts that may be covered:

- Art History: Surrealism, Cubism, Futurism
- Design Strategies: Fragmentation, juxtaposition
- Artistic Skills:
 - Intermediate drawing (graphite, charcoal)
 - Acrylic painting
 - Lino or mono print
 - And more...

STUDIO ARTS 10 3D: SCULPTURE

This course focuses on 3D art forms around the concept of the interplay of body and mind. Students will learn about the importance of both functional and stylistic design.

Concepts that may be covered:

- Art History: Surrealism, Cubism, Futurism
- Design Strategies: Fragmentation, juxtaposition
- Artistic Skills:
 - Introductory ceramics
 - Origami/Paper sculpture
 - Papier-mâché
 - Soapstone
 - And more...

PHOTOGRAPHY 10:

This is an introductory digital photography course. Students will learn basic photographic techniques.

Concepts that may be covered:

- Concepts: Basic composition and lighting, concept development, documentary and illustrative photography
- Artistic Skills:
 - Introductory DSLR cameras
 - Intro to CC Adobe Photoshop
 - Photo editing and manipulation
 - And More...

STUDIO ARTS 10/11/12 2D: GRAPHIC ARTS

This is a graphic design course. Students will learn a wide variety of graphic designs and visual communication techniques.

Concepts that may be covered:

- Concepts: product design, visual communication for marketing/advertisement, print production
- Artistic skills:
 - CC Adobe Suite
 - Graphic and traditional illustration
 - Photo and product manipulation
 - Vinyl and silk screen production for merchandise
 - Industry standard software design and print

STUDIO ARTS 11/12 GENERAL

This is a general arts course where students will experiment with and practice a wide variety of 2D/3D artistic concepts around the interconnection of individuals, history and societal cultures. While previous art experience is beneficial, it is not necessary.

Concepts that may be covered:

- Art History: Folk Art, Toyism, Post-modern, Conceptual
- Design Strategies: Elaboration, distortion, viewpoint
- Artistic Skills:
 - Intermediate drawing (graphite, charcoal, conte, ink)
 - Acrylic painting
 - Sculpture
 - And more

STUDIO ARTS 11/12 2D: DRAWING AND PAINTING

This course focuses on 2D art forms around the around the interconnection of individuals, history and societal cultures.

Concepts that may be covered:

- Art History: Folk Art, Impressionism/Post Impressionism, Post-modern, Conceptual
- Design Strategies: Elaboration, distortion, viewpoint
- Artistic Skills:
 - Intermediate to advanced drawing (graphite, charcoal, conte, ink)
 - Watercolour painting
 - Acrylic painting
 - Alternative media
 - And more



GRADE 10, 11, 12 COURSE DESCRIPTIONS VISUAL & PERFORMING ARTS

Course Enhancement Fees May Apply

STUDIO ARTS 11/12 3D: SCULPTURE

This course focuses on 3D art forms around the interconnection of individuals, history and societal cultures. Students will learn about the importance of both functional and stylistic design through planning, drafting and production stages.

Concepts that may be covered:

- Art History: Folk Art, Toyism, Post-modern, Conceptual
- Design Strategies: Elaboration, distortion, viewpoint, balance
- Artistic Skills:
 - Intermediate to advanced ceramic
 - Cardboard design
 - Metal/Wire art
 - Textile arts
 - And more...

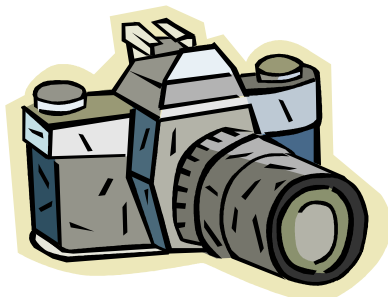


PHOTOGRAPHY 11/12:

This course is designed to build on foundational photography skills. Students in this course will extend their understanding around photography as an art form.

Concepts that may be covered:

- Concepts: light manipulation, editorial composition, photo as art, visual communication, and visual storytelling
- Artistic skills:
 - Digital and physical photography
 - Darkroom photo development
 - Formal composition design
 - CC Adobe Suite
 - And more...



DRAMA

DRAMA 10

This course includes both creative drama and theatre skills. Drama 9 is not a prerequisite, although some previous experience is desirable. Students will continue to build on skills in the following areas:

- original scene work
- theatre terminology and theatrical styles
- vocal and physical expression
- interpreting scripted scenes
- monologues
- improvisation

DRAMA 11

This course uses drama skills to improve scene work. Students will move into the areas of:

- character motivation and objectives
- staging scripted scenes and one-act plays
- directing/being directed
- historical styles in theatre
- monologues

DRAMA 12

This is a course in:

- advanced theatre skills
- applying acting skills to a variety of performance pieces

INSTRUMENTAL MUSIC 10

CONCERT BAND

Prerequisite: Minimum two years experience on primary instrument (be able to read music) or permission of Director.

Concert Band 10 is a linear course alternating with CLE 10. Course content includes advanced development of all music skills primarily focusing on:

- tone
- technique
- a general knowledge of composers and musical styles

Concert Band 10 students are part of the Senior Concert Band (Grades 10-11-12). Members have the opportunity to be part of the Music Department Tour. Past Tours have included Europe, California and Hawaii.

Evaluation is based on:

- preparation
- participation
- performance
- playing tests
- quizzes

GRADE 10, 11, 12 COURSE DESCRIPTIONS VISUAL & PERFORMING ARTS

Course Enhancement Fees May Apply

- attendance at all performances/festivals

JAZZ BAND

Prerequisite: Minimum two years experience on primary instrument (and be able to read music) or permission of Director. Recommend that students also be enrolled in Concert Band 10 (unless permission has been granted from Director)

This course includes:

- developing the concepts of playing in a jazz ensemble
- improving listening and improvisation skills
- introduction to advanced ear training and jazz theory

Evaluation is based on:

- preparation
- participation
- performance
- playing tests and quizzes
- attendance at all performances/festivals

As well, this ensemble takes part in the major Music tours offered throughout the program.



CHORAL MUSIC 10

CONCERT CHOIR

This course is open to all interested students of varied vocal talents and abilities.

Concert choir will focus on a quality choral repertoire representing a variety of choral styles, appropriate in difficulty and range for beginning students. Students will:

- learn to read music
- sing a variety of songs
- prepare for public performances, and assemblies such as Remembrance Day
- develop musicianship and specific performance skills through ensemble and solo singing
- be provided instruction in creating, performing, conducting, listening to, and analyzing music
- attendance at all performances

INSTRUMENTAL MUSIC 11

CONCERT BAND

Prerequisite: Minimum of three years experience on primary instrument (be able to read music) or permission of Director.

Concert Band 11 is a linear course. Students enrolled in this course are part of the Senior Concert Band which includes students in Grades 10 through 12. In addition to regular Music Department Concerts, and the District Band Revue, this ensemble is part of the Music Department Tour group. Past tours have included:

- Disneyland
- Rocky Mountain Music Festival
- Disneyland in Anaheim California
- Honolulu Concert Band Festival in Hawaii
- these tours usually take 3-4 school days and a weekend

Evaluation is based on:

- technical level
- rehearsal skill
- tone quality

Jazz Band

Prerequisite: Minimum three years playing experience on primary instrument. Must have achieved 80% in Jazz Band 10 at Clayton Heights Secondary or permission of Director. Recommend that students also be enrolled in Concert Band 11 (unless permission has been granted from Director).

Topics include:

- advanced levels of performing large ensemble jazz
- Improvement of their performance skills including advanced jazz and modern music styles as well as jazz improvisation
- performances at local and international jazz festivals as well as Music Department tours offered throughout the program.

Evaluation is based on:

- technical Level
- rehearsal skill
- tone quality
- attendance at all performances



GRADE 10, 11, 12 COURSE DESCRIPTIONS VISUAL & PERFORMING ARTS

Course Enhancement Fees May Apply

CHORAL MUSIC 11

CONCERT CHOIR

This course is open to all interested students of varied vocal talents and abilities.

Concert choir will focus on a quality choral repertoire representing a variety of choral styles, appropriate in difficulty and range for beginning students. Students will:

- learn to read music
- sing a variety of songs
- prepare for public performances, and assemblies such as Remembrance Day
- develop musicianship and specific performance skills through ensemble and solo singing
- be provided instruction in creating, performing, conducting, listening to, and analyzing music

INSTRUMENTAL MUSIC 12

CONCERT BAND

Prerequisite: Minimum of four years experience on primary instrument or permission of Director.

Concert Band 12 is offered as a linear course. Students enrolled in this course are part of the Senior Concert Band which includes students in grades 10 through 12.

In addition to regular Music Department concerts, and the District Concert Band Revue, this ensemble is part of the Music Department Tour Program.

Past Tours have included:

- Disneyland
- Rocky Mountain Music Festival in Banff, Alberta
- Royal College of Music Festival in London, England

Evaluation is based on:

- technical level
- rehearsal skill
- tone quality
- attendance at all performances

JAZZ BAND

Prerequisite: Minimum four years playing experience on primary instrument or permission of Director. Must have 80% or higher in Jazz Band 11 at Clayton Heights Secondary or have permission of Director. Recommend that students be enrolled in Concert Band 12 (unless permission has been granted from Director).

Topics include:

- advanced levels of performing large ensemble jazz
- Improvement to their performance skills including advanced jazz and modern music styles as well as jazz improvisation

As well, this ensemble performs at local and

international jazz festivals as well as Music Department tours offered throughout the program.

Evaluation is based on:

- performance and rehearsal skill
- participation in all ensemble performances

CHORAL MUSIC 12

CONCERT CHOIR

This course is open to all interested students of varied vocal talents and abilities.

Concert choir will focus on a quality choral repertoire representing a variety of choral styles, appropriate in difficulty and range for beginning students. Students will:

- learn to read music
- sing a variety of songs
- prepare for public performances, and assemblies such as Remembrance Day
- develop musicianship and specific performance skills through ensemble and solo singing
- be provided instruction in creating, performing, conducting, listening to, and analyzing music

GUITAR 10-12 – INSTRUMENTAL MUSIC

Guitar is a one-semester course covering the basics of the instrument and an application of essential music fundamentals. Students will learn the basics of playing guitar at a beginning level through studying music notation, chord symbols, and peer modeling. A brief history of the guitar along with a study of its respective musical styles will also be covered in this course.

The main objective of this course is to create an enhanced appreciation for music through playing the guitar. Students will learn how to read music notation, chord symbols, and tablature. Students will also gain a better understanding of many different musical genres including classical, flamenco, blues, jazz, rock, and pop music.



GRADE 10, 11, 12 COURSE DESCRIPTIONS

HOME ECONOMICS

Course Enhancement Fees May Apply

FOOD STUDIES 10 / 11

(A and B curriculum alternates each year)

Food Studies 10 & 11 **A** focuses on International Cuisines, providing an overview of the food and customs from a variety of countries around the world. This hands-on practical course will develop the principles and skills in safety, sanitation, food preparation, and nutrition knowledge in an effort to develop life-long skills and healthy lifestyle habits.

Food Studies 10 & 11 **B** focuses on Food Trends, Nutrition, and Health with recipes that suit our fast-paced and busy lifestyles. This hands-on practical course will develop the principles and skills in safety, sanitation, food preparation, and nutrition knowledge in an effort to develop life-long skills and healthy lifestyle habits.

Both courses contain the following content:

- Causes of and consequences of food contamination outbreaks and food recalls
- Elements of meal preparation, recipe development, and modification including principles of meal planning, eating practices, and functions of ingredients
- Relationship between eating practices and mental and physical well-being
- Food trends, including nutrition, marketing, and food systems
- Simple and complex global food systems and how they affect food choices, including environmental, ethical, economical, and health impacts
- First Peoples food protocols, including land stewardship, harvesting/gathering, ceremonial uses, and preserving methods

Food Studies 11/12 B

Focuses on Food Trends, Nutrition, and Health with recipes that suit our fast-paced and busy lifestyles. This hands-on practical course will develop the principles and skills in safety, sanitation, food preparation, and nutrition knowledge in an effort to develop life-long skills and healthy lifestyle habits.

Additional Theory Focuses on:

- Causes of and consequences of food contamination outbreaks and food recalls
- Elements of meal preparation, recipe development, and modification including principles of meal planning, eating practices, and functions of ingredients
- Relationship between eating practices and mental and physical well-being
- Food trends, including nutrition, marketing, and food systems
- Simple and complex global food systems and how they affect food choices, including environmental, ethical, economical, and health impacts
- First Peoples food protocols, including land

stewardship, harvesting/gathering, ceremonial uses, and preserving methods

FAMILY STUDIES 11/12

(A AND B CURRICULUM ALTERNATES EACH YEAR)

Family Studies 11/12 **A** is a course which deals with selected aspects of human behaviours in today's society. Content will relate to issues facing teens today and reflect on the changes over time. We will consider environmental, biological, social and emotional perspectives when covering topics and look at impact on an individual level, relationships and the greater community. Potential Topics Include: Individual Identity, Teenage Interactions, Communication, Growth and Development.

Family Studies 10/11 **B** is a course designed to reflect on life. We will start by focussing on self and the experiences that help to influence who we are, then look forward to the big events that follow high school graduation. Interpersonal skills, self reflection and interactions with environment will be central to our studies. Topics covered will be flexible but look to include the following: Self Identity, Life on Your Own, Relationships and Life with Others, Community.



GRADE 10, 11, 12 COURSE DESCRIPTIONS

HOME ECONOMICS

Course Enhancement Fees May Apply

FOOD STUDIES 12

Food Studies 12 focuses on the Culinary Arts and our personal Food Philosophies, providing an overview of advanced cooking skills, nutrition knowledge, along with the “hows” and the “whys”. This hands-on practical course will develop the principles and skills in safety, sanitation, food preparation, and nutrition knowledge in an effort to develop life-long skills and healthy lifestyle habits.

- Components of multi-course meal development and preparation, including timing, proportions, originality, temperatures, ingredients, equipment, and methods
- Food justice in the local and global community
- Legislation, regulations, and agencies that influence food safety and food production
- Factors involved in regional and/or national food policies
- Nutrition and health claims and how they change
- Development of a food philosophy by an individual or group
- Perspectives in indigenous food sovereignty

SPECIALIZED STUDIES IN FOOD 12

Specialized Studies Food Studies 12 is an accelerated course designed for students with interest in post secondary careers and education in the culinary arts. It is expected that students enrolling in this class have demonstrated success in previous Home Ec classes and understand the intensive nature of this course. The course will provide students a chance to refine their skills and create more technically challenging dishes. We will consider how creativity and flavour can enhance products and focus on culinary design interests.

Potential content includes:

- specialized recipe design opportunities
- food preparation and methods for selected specialized cuisine
- best practices in recipe development and preparation
- artistic elements of the culinary arts
- food science in recipe development, including characteristics, properties, and functions of ingredients and substitutions
- advancements in ingredients and tools
- food trends and how they develop
- social, economic, ethical, and environmental effects of food production, purchasing, preparation, and disposal
- ethics of cultural appropriation
- interpersonal and consultation skills, including ways to interact with consumers and customers

PLEASE NOTE WHILE THIS COURSE IS LIMITED TO GRADE 12 STUDENTS, CONSIDERATION WILL BE TAKEN INTO ACCOUNT FOR GRADE 11'S WHO ARE INTERESTED IN THE COURSE AND HAVE PRIOR EXPERIENCE IN THE DEPARTMENT.



GRADE 10, 11, 12 COURSE DESCRIPTIONS

PHYSICAL EDUCATION

Course Enhancement Fees May Apply

PHYSICAL AND HEALTH EDUCATION 10

The rationale for Physical and Health Education is to promote the benefits and rewards of a student body that is active and healthy. We also aim to create an environment that fosters positive attitudes towards physical activity and promotes active participation through a variety of activities. A variety of Health topics will be covered throughout the semester both in PE classes and through school wide assemblies and workshops.

The four major curriculum organizers are:

- Physical Literacy
- Health and Active Living
- Social and Community Health
- Mental Well-Being

ACTIVE LIVING 11

(FORMERLY KNOWN AS PE 11)

**Course enhancement fee may apply for fieldtrips.

In Active Living 11 students will explore the following

Curricular Competencies:

- Health and Well-being
- Safety
- Participation

ACTIVE LIVING 12

(FORMERLY KNOWN AS PE 12)

**Course enhancement fee may apply for fieldtrips.

In Active Living 12 students will continue to explore and build on Curricular Competencies from Active Living 11:

- Health and well-being
- Safety
- Participation
- Leadership

ACTIVE LIVING 11/12

(For females, students who identify as she/her, and those who identify as non-binary)

This course is designed to provide a positive and safe space for female students and students who identify as she / her to gain an appreciation of, and a desire for, an active healthy lifestyle and a positive sense of self. The course will be a combination of physical activities similar to a typical PE class: volleyball, badminton, etc. and classroom / chat sessions which may include topics such as: nutrition, self-esteem, body image, etc. The focus will be engaging in activities that build on relationships through teamwork and participating in healthy behaviours that nurture all dimensions of wellness.

PHYSICAL EDUCATION ATHLETIC SERVICE 11/12

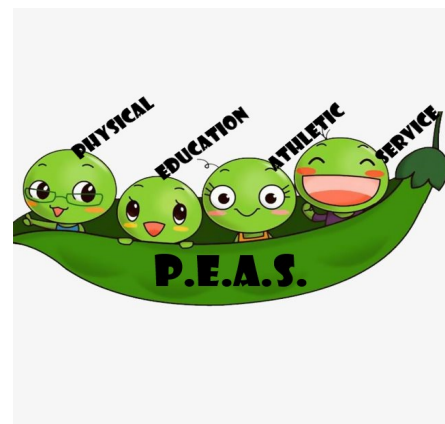
This course is open to students in grades 11 and 12.

Upon successful completion of the course, students will receive 4 credits for Active Living. The course will either run in the first semester or will be a year-long course backed with another required course for graduation.

Course Enhancement Fees: A course enhancement fee will be collected to cover the costs for any field experiences that will take place. The amount will be between \$50-\$200.

P.E.A.S. offers students the opportunity to stay physically active, meeting the curricular components of Active Living (formerly Physical Education), and provide service to the school's athletic program. Students in the course will be:

- participating in regular PE activities here at the school both in the gym and outside on the school field
- participating in recreational activities in the community (e.g. indoor climbing, bowling, mini-golf)
- organizing, promoting and implementing athletic event(s) (e.g. intramurals, tournaments, elementary sports camp, athletics awards ceremony)
- minor officiating athletic events after school (afternoons, evenings and weekends)
- completing a minimum of **40** hours of athletics service to the school – not completing the minimum hours will result in not passing the course (note: service hours for the program may not be used for another Leadership course, unless it is after the 40 hours required for P.E.A.S.)
- core hours for athletic service will come during the volleyball and basketball season when students are required to score keep and/or referee games



GRADE 10, 11, 12 COURSE DESCRIPTIONS

PHYSICAL EDUCATION

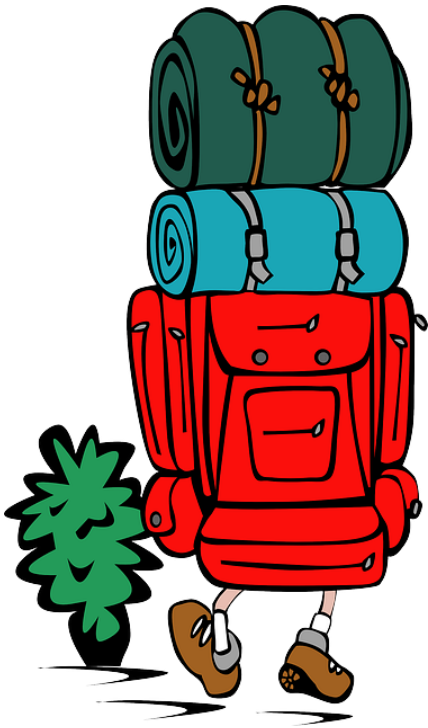
Course Enhancement Fees May Apply

OUTDOOR EDUCATION 11 AND 12

**Course enhancement fee may apply for fieldtrips.
In Outdoor Ed. 11 and 12 students will explore the following Curricular Competencies:

- Outdoor activity skills and healthy living
- Social responsibility
- Collaboration, teamwork and safety

This course will run in the second semester and will offer more extensive outdoor education field trips such as overnight camping, rock climbing etc.



FITNESS AND CONDITIONING 11

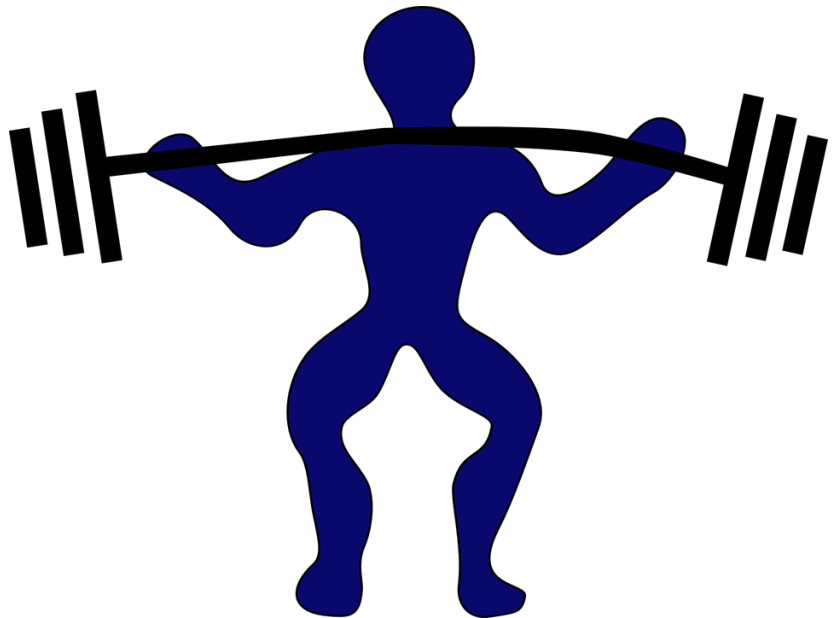
In Fitness and Conditioning 11 students will explore the following Curricular Competencies:

- Health and active living
- Human anatomy and physiology
- Principles of training
- Social responsibility

FITNESS AND CONDITIONING 12

In Fitness and Conditioning 12 students will explore and build on the Curricular Competencies from Fitness and Conditioning 11:

- Health and active living
- Human anatomy and physiology
- Principles of training
- Social responsibility



GRADE 10, 11, 12 COURSE DESCRIPTIONS TECHNOLOGY EDUCATION

Course Enhancement Fees May Apply

DRAFTING

DRAFTING AND DESIGN 10

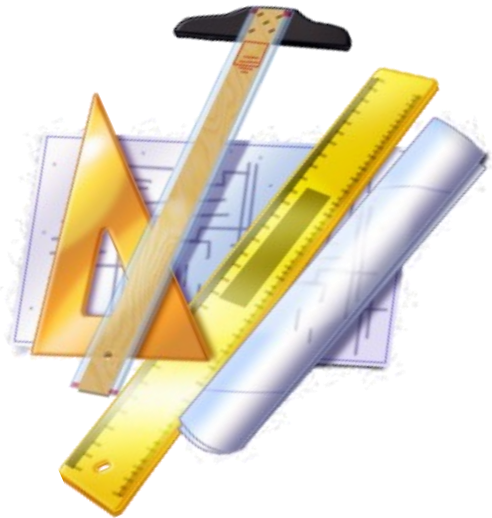
Students will build on existing knowledge of design and drafting by working with orthographic projections, architectural drawings, dimensioning, CAD software, and 3D modeling. Students will learn to communicate their ideas to industry standards.

DRAFTING AND DESIGN 11

Students will develop their design and drafting skills through the study of mechanical and architectural drawings, the use of CAD software, and 3D modeling. Students will also be introduced to CNC machining principles.

DRAFTING AND DESIGN 12

Students will develop proficiencies in design and drafting through the study of mechanical and architectural drawings, the use of CAD software, and 3D modeling. Students will also develop an understanding of CNC machining principles and toolpathing.



METAL TECHNOLOGY

METAL TECHNOLOGY 10

This project based course is designed to develop students' metalwork skills through the creation of small projects, supported by theory work. Students will study sheetmetal work, joining techniques including MIG and arc welding, and become familiar with the safe and effective use of hand and power tools.

ART METAL 10

This course is designed to develop students' skills in metal fabrication and jewelry design. In this course students will explore techniques including brazing, soldering, and metal manipulation through the construction of various projects. Projects may include rings, bracelets, pendants, stained glass, metal sculptures, chainmail, and others. An emphasis is placed on safe working habits.

METAL FABRICATION 11

This project based course teaches students design and fabrication skills through the creation of prescribed and independently chosen projects. Students will be introduced to machining and develop proficiencies in using all equipment in the shop. An emphasis is placed on safe working habits and industry standard procedures.

METAL FABRICATION 12

This project based course teaches students design and fabrication skills through the creation of prescribed and independently chosen projects. Students will learn sophisticated metal fabrication and joining techniques. An emphasis is placed on safe working habits and industry standard procedures.

YOUTH EXPLORE TRADES SKILLS

INTEGRATED METAL AND WOOD 11/12

Youth Explore Trades Skills is an engaging program in which students use hands on learning to acquire skills and knowledge related to the construction trades, and the manufacturing sector. Through exposure to core skills common to many trades, Youth Explore Trades Skills students will be able to better make informed high school course and career choice options.

GRADE 10, 11, 12 COURSE DESCRIPTIONS TECHNOLOGY EDUCATION

Course Enhancement Fees May Apply

WOODWORK

WOODWORK 10

This course is a continuation of joinery and cabinet making. The focus of this course is:

- continue to develop safe, effective operating techniques with woodworking machinery
- use of all major stationary and portable power woodworking machines
- special emphasis on safety

WOODCARVING 11

WOODCARVING 12

These courses focus on:

- the basic, progressing to more intricate and technical woodcraft (carving and intarsia)
- skill building is emphasized
- practice in using hand tools and portable hand tools



CABINET CONSTRUCTION 11

The main objective of this course is:

- to offer a combination of knowledge and “hands-on” skills that will prove valuable over a lifetime as well as opening doors to a variety of career options
- areas of focus will include a blending of safety, measurement, theory, tools and equipment, and materials and processes with an emphasis on the fabrication of wood related products

Students will:

- apply the fabrication of wood related products
- apply the acquired skills in the design and construction of teacher/student selected projects

If a student has not taken the pr

ecedent level then teacher acceptance is required.

CABINET CONSTRUCTION 12

After identifying a variety of wood species and their common applications, students will learn:

- basic furniture construction techniques
- historical and modern furniture styles as well as ergonomics will be utilized in the furniture design

Students will:

- construct a piece of furniture with an effective project work-plan using the acquired skills of finishing, machining and joining
- be expected to identify and use an appropriate selection of hardware, fasteners, and adhesives in the assembly of the project

If a student has not taken the preceding level then teacher acceptance is required.



GRADE 10, 11, 12 COURSE DESCRIPTIONS

TECHNOLOGY EDUCATION

Course Enhancement Fees May Apply

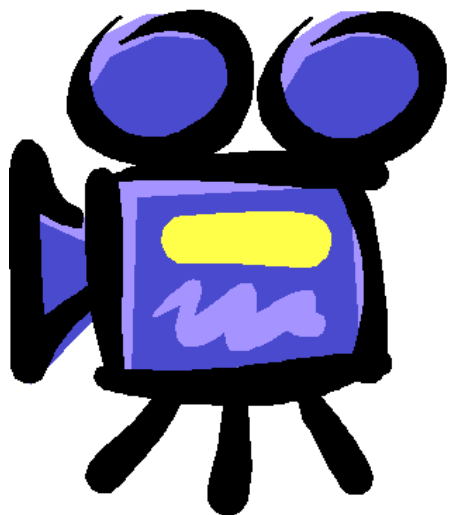
MEDIA

MEDIA TECHNOLOGY 10

Media Technology 10 is designed for students to learn by doing and is a continuation of the concepts and knowledge gained in Media Technology 9. This course provides grade 10 students with practical opportunities to explore the world of digital media in a hands-on, team-based, cooperative learning environment. Students will use the production process to plan, produce, present and analyse digital media productions. Some areas students may be involved are, producing school related (and appropriate) video projects including music videos, animations, experimenting with movie-related special effects, and film based graphic design.

MEDIA TECHNOLOGY 11

Media Technology 11 gives senior students the opportunity to continue to explore the diverse and developing field of digital media technology in a portfolio based practical environment.. This course provides grade 11 students with a theoretical and practical opportunity to extend and continue their exploration into the world of digital media in a hands-on, team-based, cooperative learning environment. In this course students will be experimenting, creating, designing and producing projects for our school news station, CHTV. Students will use media equipment to develop advanced technical skills and use their knowledge of the production process to plan, produce, present and analyze diverse digital media productions with the goal of having them broadcasted on CHTV. The course will focus on more advanced camera and lighting techniques, video shorts, commercials, public service announcements and other short digital media productions.



MEDIA TECHNOLOGY 12

Media Technology 12 is a continuation of the concepts and knowledge gained in Media Tech 11 in a portfolio based practical environment. Media Technology 12 gives senior students the opportunity to try out or continue to explore the diverse and developing field of digital media technology. This course provides senior students a theoretical and practical opportunity to extend and continue their exploration into the world of digital media in a hands-on, team-based, cooperative learning environment. In this course students will design and produce projects for our school news station, CHTV. Students will use media equipment to develop advanced technical skills and use their knowledge of the production process to plan, produce, present diverse digital media productions. The projects will focus on video (web) shorts, commercials, public service announcements and other short digital media productions. There will also be an opportunity for students to Creative digital messages (using text, animation and video) for our school's digital displays (digital signage).

VIDEO PRODUCTION 11

This Video Production 11 course is a portfolio-centered course focussing on longer format movies and digital creations. This course looks at some basic principles, theories, and history of film and media production and then provides students the opportunity to explore the dynamic world of digital filmmaking in a hands-on, team-based, cooperative learning environment. In this course, students learn by doing. Video Production students will be using Adobe CC software, including Premiere, After Effects and Photoshop to edit their digital films.

VIDEO PRODUCTION 12

Video Production 12 is a continuation of the concepts and hands on production work students did in Video Production 11. This course is portfolio based and focuses on students learning advanced principles and theories of cinematography in a practical, hands-on production environment. In this course, students learn by doing. The course focusses on creating original TV and film projects using digital, non-linear editing equipment, software, and techniques. Students are encouraged to experiment with production and post-production special effects, filming and editing techniques, as well as digital graphics. . Video Production students will be using Adobe CC software, including Premiere After Effects and Photoshop to edit their digital films.

GRADE 10, 11, 12 COURSE DESCRIPTIONS

TECHNOLOGY EDUCATION

Course Enhancement Fees May Apply

MEDIA ARTS 10 ANIMATION:

Animation 10 is a hands-on, practical exploration into the diverse world of animation. Students will have the opportunity to create projects using a variety of classic and digital animation techniques and try will be able to experiment with different types of animation including digital 2D animation (Adobe Animate), 3D animation, motion graphics and stop-motion (Claymation, Lego, cut outs). They will then use Adobe Premiere to assemble and edit their animation creations and will be able to add music and sound effects to bring the animations to life. Students will also be given time to explore their own animation ideas or techniques. This is a portfolio-based course and is an excellent choice for students who wish to develop their 'Demo Reel' for entrance into Post-Secondary Programs in Animation, Digital Film and Television Production.

MEDIA ARTS 11 ANIMATION:

Animation 11 is a continuation Animation 9 and 10. of the Students will have the opportunity to create projects using a variety of classic and digital animation techniques and try will be able to experiment with different types of animation including digital 2D animation (Adobe Animate), 3D animation, motion graphics and stop-motion (Claymation, Lego, cut outs). They will then use Adobe Premiere to assemble and edit their animation creations and will be able to add music and sound effects to bring the animations to life. Students will also be given time to explore their own animation ideas or techniques. This is a portfolio-based course and is an excellent choice for students who wish to develop their 'Demo Reel' for entrance into Post-Secondary Programs in Animation, Digital Film and Television Production.

MEDIA ARTS 12 ANIMATION:

Animation 12 is a portfolio based project driven course based on the concepts and knowledge gained in Animation 10 and 11. Animation 12 gives senior students the opportunity to try out or continue to explore the diverse and continually developing universe of digital and stop motion animation. This course is designed for students who either want to deepen their experience of the world of animation or for those just entering the world of animation and want to explore the endless possibilities. Students in this course will have the opportunity to create animated openings and graphics for the production of CHTV and other school-based events and projects and events. This is a portfolio-based course and is an excellent choice for students who wish to develop their 'Demo Reel' for entrance into Post-Secondary Programs in Animation, Digital Film and Television Production.



GRADE 10, 11, 12 COURSE DESCRIPTIONS

TECHNOLOGY EDUCATION

Course Enhancement Fees May Apply

INFO TECH 10 (WEB DEVELOPMENT)

NO PREREQUISITE

Students work in a self-paced environment combining structure, content, style and design. Students are encouraged to take creative risks generating ideas, design, and implementation. The final project is a website.

INFO TECH 10 (COMPUTER STUDIES)

NO PREREQUISITE

Students work in a self-paced environment learning how to program in Python. We will explore concepts, constructs, planning, code manipulation and writing simple programs. The final project is a simple computer game.

INFO TECH 11 (DIGITAL COMMUNICATIONS)

NO PREREQUISITE

Students progress in their web development skills regardless of what they knew beforehand in a self-paced environment. Students are encouraged to take creative risks in generating ideas, design, and implementation. The project is a website.

MARKETING AND PROMOTION 11

A practical, activity-based course providing students with opportunities of examining the nature and role of marketing in local and global contexts.

Students will be encouraged to learn:

- how marketing helps businesses determine and meet customer needs (marketing research);
- how businesses offer, promote and deliver products (promotions and pricing)
- how to develop ethical and effective ways to meet consumer needs (products), and to explore the nature of the world economy.



COMPUTER PROGRAMMING 11

(NO PREREQUISITE)

Students continue to develop their Python programming skills, progressing from where they started. The final project is a simple computer game.

COMPUTER PROGRAMMING 12

(NO PREREQUISITE)

Students continue to develop their Python programming skills, progressing from where they started. The final project is a simple computer game.

INFO TECH 12 (DIGITAL MEDIA DEVELOPMENT)

NO PREREQUISITE

Students progress in their web development skills regardless of what they know beforehand in a self-paced environment. Students are encouraged to take creative risks in generating ideas, design, and implementation. The final project is a web site.

ACCOUNTING11

This course is designed for anyone who will study Business at Post-Secondary or who wants to have a leadership role in any business.

You learn about:

- Income Statements
- Balance Sheets
- Cash flow forecasting and management
- Investments and information for financial decision making

