

ROYAL BAY

ÉCOLE SECONDAIRE

SECONDARY



GRADE 10 - 12

Course Request Guide

2025 - 2026



**TOGETHER
WE ARE
MORE**

Table of Contents

| | |
|--|----|
| Table of Contents | 2 |
| Introduction to Course Selection | 4 |
| Communication..... | 4 |
| Program Planning | 5 |
| Course Planning (Gr 10 – 12)..... | 6 |
| Required Courses: English Program..... | 7 |
| Career Education..... | 7 |
| English Language Arts | 8 |
| Mathematics | 10 |
| Physical & Health Education | 12 |
| Science..... | 12 |
| Social Studies..... | 14 |
| Required Courses: French Immersion Program | 16 |
| Elective Courses..... | 18 |
| Applied Design, Skills & Technologies (ADST)..... | 18 |
| Business Education | 18 |
| Home Economics & Culinary Arts | 18 |
| Information & Communications Technology | 21 |
| Technology Education..... | 23 |
| Arts Education..... | 27 |
| Dance..... | 27 |
| Drama/Theatre..... | 28 |
| Music | 28 |
| Visual Arts | 30 |
| Languages | 31 |
| Physical & Health Education | 33 |
| Science..... | 35 |
| Social Studies..... | 35 |
| Choice Programs..... | 36 |
| Academies..... | 36 |
| ADST: Home Economics & Culinary Arts | 36 |
| ADST: Information & Communications Technology..... | 37 |
| Arts Education..... | 37 |
| Drama..... | 37 |
| Music: Instrumental, Vocal & Performing..... | 37 |
| Career Education..... | 38 |

| | |
|--|----|
| South Island Partnership (SIP): Dual Credit (DC) and Trades (TASK) Courses | 38 |
| South Island Partnership (SIP): Pathways for Dual Credit Students | 41 |
| Work Experience | 41 |
| Youth Work in Trades | 42 |
| HUB: Online Courses at Royal Bay | 42 |
| Leadership | 42 |
| Physical & Health Education | 43 |
| Summer Learning | 44 |

Introduction to Course Selection

Royal Bay Secondary School offers a comprehensive and diverse range of academic and elective courses for all students. This Course Selection Guide plays an integral role in communicating student choices offered. The choices students make ultimately determine the following year's timetable. It may not always be possible to offer all the courses listed in this guide. For example, if a course has insufficient enrollment, it will not be offered. Students need to be flexible in adjusting to the alternate course selections they will be asked to list, along with their primary selections. Make course selections carefully and please be aware that requests for course changes after the timetable is built will only be granted in exceptional circumstances and if requested opportunities are available.

Students should consult their parents/guardians as they plan their course selections for next year. Royal Bay's counselors are also available to assist students in ensuring Graduation Requirements are met.

Communication

The communication tools and links below are the main methods we use to send out notifications and news:

- Royal Bay Website <http://royalbay.web.sd62.bc.ca/>
- Royal Bay APP <https://rbss.appazur.com/app/>
- Raven's Nest <http://royalbay.web.sd62.bc.ca/about/this-week-in-the-ravens-nest/>

Counselling Department – Counsellors are an integral part of the academic advising process. Students should meet with their assigned counsellor to plan/finalize their programs and review graduation requirements as not all course requests can be accommodated.

Each student is assigned a Counsellor and a Vice-Principal based on their last name.

Counsellors

Ms. T. Barbour
Ms. K. Hogan
Ms. C. Kadin
Ms. R. Fafard

Student Alpha

A – D
E – La
Le – Re
Ri – Z

Email

tbarbour@sd62.bc.ca
khogan@sd62.bc.ca
ckadin@sd62.bc.ca
rfafard@sd62.bc.ca

Leadership Team

Principal

Mr. M. Huck

Email

mhuck@sd62.bc.ca

Vice-Principals

Ms. S. Davies
Mr. M. Lait
Mr. R. Dubé

Student Alpha

A – G
H – N (& International)
O – Z

Email

smdavies@sd62.bc.ca
mlait@sd62.bc.ca
rdube@sd62.bc.ca

Program Planning

Class Size Limitations - As spaces in classes are limited, priority is given to students needing the course to meet graduation requirements. Students wishing to upgrade previously attempted courses will be scheduled in either RBSS HUB, SD62 Online or Summer Learning.

Counselling Department - Counsellors are an integral part of the academic advising process. Students should meet with their assigned counsellor to plan their programs and review graduation requirements.

Course Selection - Each student must enroll in a minimum of eight (8) courses.

Post-Secondary Admissions - When selecting courses, students should research post-secondary requirements to ensure they are making suitable course selections. Current post-secondary calendars are available online. Many post-secondary institutions require a second language. **Students are responsible** for researching programs of interest and consulting with their counsellor about updated requirements.

Repeating Failed Courses - Students who have failed required courses will be re-scheduled into those courses in either RBSS HUB, SD62 Online or Summer Learning to meet graduation requirements. Students who have completed either SD62 Online or Summer Learning courses **must** inform their counsellor to ensure that their respective marks and credits are updated.

Student Transcripts Service (STS) is used to:

- View or order your secondary school transcript
- Send your secondary school transcripts to post-secondary institutions
- Order your graduation certificate
- View scholarships awarded by B.C.
- View your provincial exam or graduation assessment results
- Watch Student Transcripts Service [Help Resources](#).

Course Planning (Gr 10 – 12)

B.C. Certificate of Graduation (Dogwood Diploma)

The B.C. Certificate of Graduation, or Dogwood Diploma, is awarded to students who successfully complete the provincial graduation requirements. To graduate, students require at least 80 credits total.

Of these **80** credits:

- **52** credits are required from the following:
 - Physical and Health Education 10 (4 credits).
 - Science 10 (4 credits), and a Science 11 or 12 (4 credits).
 - Social Studies 10 (4 credits), and a Social Studies 11 or 12 (4 credits).
 - A Math 10 (4 credits), and a Math 11 or 12 course (4 credits).
 - A Language Arts 10, 11, and a required 12 course (4 credits required at each Grade, 12 credits total).
 - An Arts Education 10, 11, or 12 and/or an Applied Design, Skills, and Technologies 10, 11, or 12 (4 credits total).
 - Career-Life Education (4 credits), and Career-Life Connections (4 credits).
 - Indigenous-focused (4 credits).
- At least **28** credits must be elective course credits.
- At least **16** credits must be at the Grade 12 level, including a required Language Arts 12 course and the Career-Life Connections course.

In addition, students must also complete three Provincial Graduation Assessments:

- Grade 10 Literacy Assessment.
- Grade 10 Numeracy Assessment.
- Grade 12 Literacy Assessment.

French Immersion Dual Dogwood

French Immersion students can earn both a British Columbia Certificate of Graduation (Dogwood Diploma) and a Diplôme de fin d'études secondaires en Colombie-Britannique.

To graduate with both diplomas, French Immersion students must meet the graduation requirements for the Dogwood Diploma and, of these 80 credits, they must earn:

- At least 16 credits at the Grade 12 level (including a Français langue seconde-immersion course at the Grade 12 level).
- Français langue seconde-immersion 10 (4 credits).
- A Français langue seconde-immersion course at the Grade 11 level (4 credits).
- Français langue seconde-immersion 12 (4 credits).
- At least 12 additional credits in Grade 10, 11, or 12 courses that are in French with at least four of these credits at the Grade 11 or 12 level.

In addition, French Immersion students must also complete four Provincial Graduation Assessments:

- Grade 10 Numeracy Assessment (English or French).
- Grade 10 Literacy Assessment.
- Grade 12 Literacy Assessment.
- Évaluation de littératie de la 12e année – Français langue seconde-immersion.

Required Courses: English Program

Career Education

In tandem with the Core Competencies (Communication, Thinking, Personal, and Social) that form the heart of all the curricula, Career Education is a process that recognizes three major phases of career development – Foundation and Awareness, Exploration, and Experience and Application. Careers curriculum addresses the concern often expressed by students, educators, parents, employers, and post-secondary institutions that a student's career development education needs to begin at a much earlier age.

Career Education curriculum consists of courses taken in grades 10 and 12. The goal is to provide students with the opportunity to make connections between what they learn in school and the local and global community. The curriculum encourages students to actively pursue new relationships or build on existing relationships with their community in terms of accomplishing their career plan. Mentorship, volunteerism, and community and global responsibility form an integral part of this curriculum.

Career Life Education 10

MCLE-10

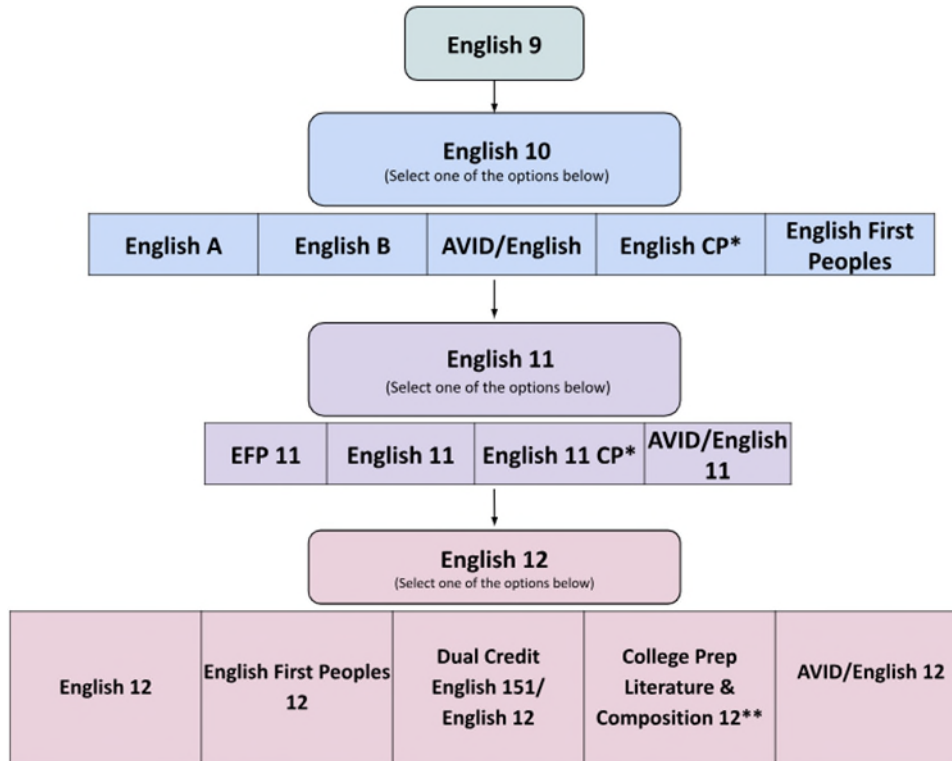
- Visits goal-setting, workplace etiquette, employment standards and workplace safety, career and employability skills, and personal financial planning.
- Provides the opportunity to participate in events and attend presentations.
- Focuses on applying the following skills and strategies to one's own personal life journey, specifically exploring and developing:
 - Ways to collaborate with supportive community members to explore the reciprocal influences of career-life choices;
 - Communication with the intent to highlight personal strengths, talents, accomplishments, and abilities;
 - Career-life challenges and opportunities, and generate and apply strategies;
 - Experiential learning both inside and outside of school with possible and preferred career-life pathways;
 - Effective strategies for healthy school/work/life balance; and
 - Explore and reflect on career-life roles, personal growth and initial planning for preferred career-life pathways.

Career Life Connections 12

MCLCA12/MCLCB12

- Enables students to develop the skills needed to be self-directed individuals who set goals, make thoughtful decisions and take responsibility for their future pursuits.
- Focuses on applying the following skills and strategies to one's own personal life journey, specifically exploring:
 - Deepening career life concepts and thoughtful self-knowledge to inform personal life-long learning choices and post-graduation plans;
 - Using self-advocacy and employment marketing strategies, such as creating one's own effective public profile;
 - Employing developed social capital, such as leadership and collaboration skills, to cultivate community networks;
 - Engaging in a substantive experiential learning opportunity of 30 hours or more that is intended to expand and/or deepen student exposure to career-life possibilities, such as service learning, volunteerism, employment, fieldwork projects, entrepreneurship, and passion projects; and
 - Designing, assembling, and presenting a capstone portfolio during an exit interview, celebrating the learning journey and next steps toward preferred futures.

English Language Arts



***College Prep English 10 & 11** are open to any student who possesses a strong work ethic, who plans to attend university or college, and wants to develop the necessary skills to ensure academic success in their post-secondary courses. Emphasis will be placed on analysis of text, writing and verbal communication in order to prepare students for either the Dual Credit course or College Prep Literature 12.

**** College Prep Literature & Composition 12** is a rigorous course open to any student with a passion for reading and a love of the literary world. This class will provide students with the experience to work at the pace of a university course with the same elevated expectations, necessary work ethic and seminar-style discussions. Students who successfully complete this course will be wholly prepared for the expectations of any university course.

Grade 10

English 10 continues to build on the core competencies of reading, writing, speaking, listening and representing. Literary Studies forms the basis of the English 10 curriculum. Students will also demonstrate their learning through two Areas of Choice.

Course Options - select **one** option:

Option A – College Prep English 10: Composition & Spoken Language 10

Option B – Composition & New Media 10

Option C – Creative Writing & Spoken Language 10

Option D – English First Peoples 10: Spoken Language & New Media 10

Note: Students will write the [Grade 10 Literacy Assessment](#) in order to fulfil this graduation requirement.

College Prep English 10**MCMPS10CP/MSPLG10CP**

- Builds all facets of communication skills with an eye towards rigour and expectation.
- Continues to build on the core competencies of reading, writing, speaking, listening and representing while engaging with challenging texts from all over the world and with assessments that challenge and work to bettering understanding of the nuances of the written and spoken word.
- Open to any student who wants to work hard and prepare themselves for their future academic path.

Composition 10**MCMPS10**

- Promotes working individually and collaboratively to explore and create articulate, purposeful compositions.
- Studies compositions by other writers and considers a variety of styles as models for writing development.
- Introduces varied structures, forms, and styles of compositions.
- Explores individual and collaborative study and creation of original pieces to advance audience and purpose.
- Develops the craft through processes of pre-writing, drafting, reflecting, editing, and revising.

Creative Writing 10**MCTWR10**

- Designed for students who have an interest in creative expression through language.
- Builds writing skills through the exploration of identity, memory, and story in a range of genres.
- Promotes collaboration and develops skills through various writing and design processes.
- Offers opportunities to express creativity and experiment with, reflect on, and practice writing.

English First Peoples 10**MEFNM10**

- Delves deeply into oral, written, and visual texts by, and with, First Nations, Métis, and Inuit peoples.
- Focuses on First Peoples' lived realities and perspectives of various topics, through different mediums such as storytelling, poetry, song, performance, film, and prose.
- Focuses on voices from B.C. and engages with texts that reflect First Peoples' perspectives from elsewhere in Canada and throughout the world.

New Media 10**MNMD-10**

- Reflects the changing role of technology in today's society and the increasing importance of digital media in communicating and exchanging ideas.
- Recognizes that digital literacy is an essential characteristic of the educated citizen.
- Offers opportunities to communicate ideas through a variety of digital and print media.
- Topics may include: the globalization of the media industry, the influence of media on users' perceptions, the rise of social media, etc., in addition to writing for the web, social media, gaming, and/or podcasting.

Spoken Language 10**MSPLG10**

- Supports developing spoken communication through processes of questioning, exploring, and sampling.
- Builds spoken language competencies through varied structures, forms, and styles of oral compositions.
- Provides opportunities to study, draft, and use language to create original pieces in a variety of modes.
- Provides opportunities for performance, storytelling, and public speaking, be it slam poetry, oral storytelling, readers' theatre, or podcasts and video posts.

Grade 11**College Prep English 11****MCMPS11CP**

- Builds all facets of communication skills with an eye towards rigour and expectation.
- Continues to build on the core competencies of reading, writing, speaking, listening and representing while engaging with challenging texts from all over the world and with assessments that challenge and work to bettering understanding of the nuances of the written and spoken word.
- Open to any student who wants to work hard and prepare themselves for their future academic path.

English Composition 11

MCMPS11

- Promotes working individually and collaboratively to explore and create articulate, purposeful compositions through the intentional study of a variety of model texts.
- Explores individual and collaborative study and creation of original pieces to advance audience and purpose.
- Develops the craft through processes of pre-writing, drafting, reflecting, editing, and revising.

English First Peoples 11

MELNM11

- Continues to build on the core skills of reading, listening, writing, speaking and representing and collaborating in a class that encourages a diversifying worldview.
- Delves deeply into oral, written, and visual texts by, and with, First Nations, Métis, and Inuit peoples.
- Focuses on First Peoples' lived realities and perspectives of various topics, through different mediums such as storytelling, poetry, song, performance, film, and prose.
- Focuses on voices from B.C. and engages with texts that reflect First Peoples' perspectives from elsewhere in Canada and throughout the world.

English First Peoples 11 College Prep

MELNM11

- Builds all facets of communication skills with an eye towards rigor and expectation in a class that encourages a diversifying worldview.
- Delves deeply into oral, written, and visual texts by, and with, First Nations, Métis, and Inuit peoples and from indigenous perspectives around the world.
- Focuses on First Peoples' lived realities and perspectives of various topics, through different mediums such as storytelling, poetry, song, performance, film, and prose.
- Open to any student who wants to work hard and prepare themselves for their future academic path.

Grade 12

Note: Students will write the [Grade 12 Literacy Assessment](#) in order to fulfil this graduation requirement.

English First Peoples 12

MENFP12

- Delves deeply into oral, written, and visual texts by, and with, First Nations, Métis, and Inuit peoples.
- Focuses on First Peoples' lived realities and perspectives of various topics, through different mediums such as storytelling, poetry, song, performance, film, and prose.
- Focuses on voices from B.C. and engages with texts that reflect First Peoples' perspectives from elsewhere in Canada and throughout the world.

English Studies 12

MENST12

- Develops language and literacy skills in the areas of writing, reading, listening, speaking, and thinking.
- Successful completion is necessary for British Columbia's graduation requirements and is a prerequisite for entrance into BC's post-secondary colleges and universities.

Mathematics

The goals of all pathways are to provide pre-requisite attitudes, knowledge, skills and understanding for specific post-secondary programs or direct entry into the workforce. When choosing a pathway, students should consider both their current abilities and future interests. See our [FAQs and Pathways Flow Chart](#).

Grade 10

Foundation of Mathematics and Pre-Calculus 10

MFMP-10

- Provides students the mathematical understanding and critical-thinking skills for post-secondary studies.

- Prepares students to take Foundations of Mathematics 11 followed by Foundations of Mathematics 12, or Pre-Calculus 11 followed by Pre-Calculus 12 and then Calculus 12, if desired.
- Recommended that students have an assessment mark of **Developing/Proficient** in Math 9 in order to attempt Foundation and Pre-Calculus 10.
- Covers number theory, algebra, relations, functions, graphing, trigonometry (SOH CAH TOA).

Required Equipment: Scientific Calculator

Optional: Purchase of workbooks will be offered.

Workplace Mathematics 10

MWPM-10

- Provides students with the mathematical understanding and critical-thinking skills identified for entry into the majority of trades and for direct entry into the workforce.
- Covers problem solving, number theory, proportional reasoning, algebra, geometry, measurement and measurement conversion (SI and Imperial)

Required Equipment: Scientific Calculator

Grade 11

Foundations of Mathematics 11

MFOM-11

- Enables students to enter post-secondary programs that do not require the study of theoretical calculus, for example: trades, arts, or humanities.
- Explore patterns and relationships, communicate mathematical thinking in many ways, and connect math to other areas and personal interests.
- Develops:
 - Logical & spatial reasoning by solving puzzles and geometric problems;
 - Graphical reasoning by modeling & solving optimization problems;
 - Proportional reasoning by comparing properties of similar objects; and
 - Financial literacy by comparing investment/loan options.

Required Equipment: Scientific Calculator

Optional: Purchase of workbooks will be offered.

Pre-Calculus 11

MPREC11

- Provides students with the mathematical understanding and critical thinking skills identified for entry into post-secondary programs that require the study of theoretical calculus such as Science, Math and Engineering.
- Covers Algebra and number theory (radical expressions, rational expressions), functions (factoring polynomials, graphing and analyzing functions, quadratic equations).
- Mastery of the learning outcomes for Foundations & Pre-calculus 10 is recommended
- Students are recommended to have a letter grade of **at least C+** in Foundation and Pre-Calculus 10 in order to attempt Pre-Calculus 11.

Required Equipment: Scientific Calculator.

Optional: Purchase of workbooks will be offered.

Workplace Mathematics 11

MWPM-11

- Designed for those students who intend to take trades or apprenticeship training, or need a course dealing with more everyday math.
- Fulfills Grade 11 Math requirements for graduation.
- Covers algebra (formulas, slope, proportional reasoning); geometry (right angles, 3D objects, scale); measurement (SI and Imperial units, surface area and volume); number theory (numerical reasoning, personal budgets, simple and compound interest, banking, credit cards and loans).

Required Equipment: Scientific Calculator.

Grade 12

Foundations of Mathematics 12

MFOM-12

- Enables students to enter post-secondary programs that do not require the study of theoretical calculus, for example: trades, arts, or humanities.
- Extends and develops mathematical concepts and skills.
- Incorporates analyzing puzzles, logical reasoning and problem solving skills.
- Covers finance, relations and functions, probability, permutation and combinations.

Required Equipment: Scientific Calculator

Optional: Purchase of workbooks will be offered

Pre-Calculus 12

MPREC12

- Designed to prepare students for post-secondary programs that require the study of theoretical calculus.
- Incorporates analyzing puzzles, logical reasoning and problem solving skills.
- Suggested for students who are considering a degree that requires a university-level math course; students should also consider enrolling in Calculus 12.
- Covers trigonometry, identities, logarithms, relations and functions, Geometric sequences and series.
- Recommended that students have a letter grade of a C+ or higher in Pre-Calculus 11 in order to attempt Pre-Calculus 12.

Required Equipment: Scientific Calculator

Optional: Purchase of workbooks will be offered.

Calculus 12

MCALC12

- Introduced the basic principles of calculus.
- Covers and focuses on operations with limits, derivatives, and integrals.

Physical & Health Education

Physical & Health Education 10

MPHED10

- Expands understanding and application of physical skills through a variety of team and individual movement related activities.
- Encourages the development of personal health and fitness goals, as well as fosters an understanding of strategies to maintain lifelong physical activity.
- Develops knowledge with respect to making healthy choices in relation to mental and emotional well-being.

Science

Please visit post-secondary institution websites on an ongoing basis to determine requirements for individual programs.

Grade 10

Science 10

MSC--10

- Explore fascinating topics in biology, chemistry, physics, and earth science, including:
 - DNA and inheritance patterns, unraveling the secrets of our biological identity;
 - Evolution and natural selection, observing how living things adapt and thrive;
 - Chemical equations, applying them to acid-base chemistry, energy, and the conservation of mass;
 - Energy, its transformation through various processes and its vital role in our world; and
 - The formation of the universe, from the big bang to the vast cosmic landscape that surrounds us.

Grade 11

Chemistry 11

MCH--11

Recommended pre-requisite: Foundations of Math and Pre-Calculus 10

- As an important foundation for those dreaming of a future in science, in chemistry you will:
 - Learn the ropes of staying safe while conducting experiments;
 - Boost your already strong math skills as you conquer scientific calculations;
 - Explore the building blocks of the universe and understand what everything is made of;
 - Journey through the history of the atomic model and discover its fascinating twists; and
 - Understand chemical reactions, bonding, solutions, and organic chemistry.

Earth Science 11

MESC-11

- Offers an in-depth exploration of key concepts that shape our understanding of our planet.
 - Astronomy examines the origins and dynamics of Earth and its solar system, including the formation of celestial bodies and their interactions.
 - Plate Tectonics theory explains how the movement and interactions of tectonic plates lead to geological phenomena such as earthquakes, volcanoes, and mountain formation.
 - Earth materials undergo transformations as they cycle through the geosphere, impacting resources with both economic and environmental implications.
 - The transfer of energy within the Earth's atmosphere drives weather patterns, influenced by climate change.

Environmental Science 11

MEVSC11

- For students interested in biology, geography and conservation – an approved Science 11 option for post-secondary admissions.
 - Explore the biodiversity and changing ecosystems of British Columbia.
 - Gets hands on experience in conservation biology and environmental stewardship in partnerships with local community groups and working scientists.
 - Design and implement your own conservation projects in the community.
 - Local focus, global impact.

Life Science 11 (Biology)

MLFSC11

- Explore three foundational concepts:
 - All living things evolved from a common ancestor;
 - Living things change over time; and
 - Living things can be classified according to similar features and evolutionary relationships.
- Journeys through engaging projects, hands-on laboratory investigations, and assessments.
- Focal domains encompass Ecology, Evolution, Microbiology, and a comprehensive survey of organisms across the six kingdoms: Eubacteria, Archaeobacteria, Protista, Fungi, Plantae, and Animalia.

Physics 11

MPH--11

- Understand the world around you more fully through observation and experiments while learning to solve problems using logical reasoning, physical principles and mathematics. This course will challenge you to think in new ways! Big ideas include:
 - The motion of an object can be predicted and described using equations;
 - Forces determine the motion of objects;
 - Energy is found in different forms and can be transformed; and
 - Waves transfer energy but not matter.

Science for Citizens 11

MSCCT11

- Embarks on an exciting journey through the world of science, tech, and society.

- While not a university accepted science class, it checks off the Science 11 requirement and is a great choice for tech fans:
 - Hands-On Projects;
 - Pitch prototypes for funding;
 - Build a stock portfolio, learn wilderness tracking, and design with 3D printers;
 - Discover the impact of past and future tech on society;
 - Explore computer, transportation, and building tech;
 - Connect science with social, economic, and political aspects; and
 - Dive into health and forensic technologies.

Grade 12

Anatomy & Physiology 12

MATPH12

- This upper level academic course will allow you to explore the amazing world of the human body on many levels from tiny molecules to cells to organ systems. Big ideas include:
 - The body works hard to keep everything in balance (homeostasis);
 - Every living thing is built from cells with DNA, and these cells have structures that help them perform specialized functions; and
 - Different body systems team up in a complex dance to keep things balanced and healthy
- Learning opportunities include experiments, case studies, readings, and research.

Chemistry 12

MCH--12

Recommended Pre-requisites: Foundations or Pre-Calc 11 and a C+ in Chemistry 11

- Boosts understanding of key concepts like kinetics, equilibrium, solubility, acids and bases, and electrochemistry.
- Covers the following:
 - Kinetics: Learn about the rate of chemical reactions and how to increase or decrease the rate;
 - Equilibrium: Understand the balance in chemical processes and how to increase yield;
 - Solubility: Discover what makes substances dissolve;
 - Acids and Bases: Delve into the world of pH and chemical reactions including titrations and indicators; and
 - Electrochemistry: Explore the connection between electricity and chemical reactions including batteries and cathodic protection.

Physics 12

MPH--12

Recommended Pre-requisites: Physics 11 and Pre-Calc 11

- Builds on Physics 11 and Pre-calculus 11 and covers the following:
 - How things move in two dimensions, including circular motion; and
 - An introduction to electrostatics, current electricity, electromagnetism and induction.
- Learning opportunities include multiple lab experiments.

Social Studies

Grade 10

Social Studies 10

MSS--10

- Traces 20th Century Canadian history (1918 to present), and Canada's Parliamentary system of government.
- Topics include: the 1920's, and 1930's, The Great Depression, World War II, and the Cold War.
- Prepares students to think critically about their World, and the sources that shape it.

Grade 12

20th Century World History 12

MWH—12

- Explores the events and themes of history in the 20th century, from WWI to the Cold War and beyond.
- Builds students skills in reading and writing with a variety of materials and artefacts.
- Provides an opportunity for critical analysis and making connections from history to current events.
- Offers an opportunity to acquire skills in expanded writing necessary for post-secondary education.

BC First Peoples 12

MBCFP12

- Study the diversity and depth of Indigenous cultures and communities.
- Discover the importance of Indigenous identities, worldviews, languages and connection to the land.
- Learn about the impact of contact and colonialism and how it affects the lives of Indigenous people today.
- Think about your own personal reconciliation and what you can do to support Indigenous communities.

Genocide Studies 12

MGENO12

Graphic Content Warning: Due to the nature of this course, there will be violent and graphic images of human death and suffering. Keep this in mind as you make the decision if this course is right for you.

- Explores the horror of genocides in the past, as well as genocides happening in the world today.
- Exploration of human behaviour, and how psychology can explain genocides.
- Examines numerous case studies of actual genocides throughout history:
 - The Indigenous Genocide (Focusing on North America)
 - The Armenian Genocide
 - The Nazi Holocaust
 - The Rwandan Genocide
 - The Cambodian Genocide

Human Geography 12

MHGEO12

- This is not mapping! OR Earth Science!
- Explores the many ways in which Humans affect the world around them.
- Analyzes the complex relationship between people & natural resources (i.e. water, food, energy).
- Examines the local, regional, and global perspectives of climate change & environmental issues.
- Investigates major Natural Disasters throughout the World and Canada (i.e. earthquakes, tsunamis, volcanoes, floods, hurricanes).
- Teaches how to monitor, forecast and prepare for Natural Disasters.

Law Studies 12

MLST-12

- Introduces an overview of Canadian law.
- Examines the Charter of Rights and Freedoms.
- Investigates Criminal, Civil and Family Law processes.
- Researches current and controversial topics such as:
 - child pornography, abortion and euthanasia.

Social Justice 12

MSJ—12

- Investigates Social Justice issues from the past, present and future.
- Dives into the causes, consequences and solutions for these issues.
- Explores how people and the environment are impacted by studied Social Justice issues.
- Topics include racism, prejudice, gender, sexuality, climate change, poverty, homelessness, conflict and inequality.

Required Courses: French Immersion Program

Grade 10

Grade 10 students **must** have completed Grade 9 French Immersion and **must** register for the following courses:

Éducation à la vie professionnelle 10

FCLE-10

- Visits goal-setting, workplace etiquette, employment standards and workplace safety, career and employability skills, and personal financial planning.
- Provides the opportunity to participate in events and attend presentations.
- Focuses on applying the following skills and strategies to one's own personal life journey, specifically exploring and developing:
 - Ways to collaborate with supportive community members to explore the reciprocal influences of career-life choices;
 - Communication with the intent to highlight personal strengths, talents, accomplishments, and abilities;
 - Career-life challenges and opportunities, and generate and apply strategies;
 - Experiential learning both inside and outside of school with possible and preferred career-life pathways;
 - Effective strategies for healthy school/work/life balance; and
 - Explore and reflect on career-life roles, personal growth and initial planning for preferred career-life pathways.

Français langue seconde 10

FFRAL-10

Explores how linguistic variations serve as cultural reference points in French-speaking world, as well as identifies and understands the social, historical and cultural context.

- Examines roles of stories in Francophone and First Peoples cultures.
- Communicates in written and oral French.
- Analyzes texts to understand how meaning is conveyed through language and text.
- Analyzes plot and character development.
- Develops writing style.
- Explores oral, written, and visual texts to understand the complexity of human life.
- Analyzes and uses poetic devices to affect text, and elicit emotional responses.
- Integrates growth mindset and self-reflection into lessons — growth mindset encourages students to embrace challenges, learn from criticism/setbacks and see effort as a pathway to mastery.

Sciences 10

FSCF-10

- Examines four key disciplines in science (chemistry, biology, physics, and astronomy).
- Concentrates on developing skills to ask questions about the natural world using the scientific method and communicate scientific ideas in various ways.
- Focuses on the conservation of energy in a balanced chemical equation in the chemistry unit.
- Highlights the diversity of living things through genetics, as well as natural selection in the biology unit.
- Examines the principles of motion and the conservation of energy in the physics unit.
- Explores the formation of the universe and the Big Bang theory in the astronomy unit.

Sciences Humaines 10

FSCH-10

- Concentrates on 1919 to present, and includes European, North American, Asian and First Nations topics.
- Explores historical and contemporary injustices, such as the World War II internment and the denial of Jewish immigrants in interwar years, to challenge the narrative and identity of Canada as an inclusive,

multicultural society.

- Examines how the economic, social, ideological, and geographic factors influenced the development of Canadian government and politics over the 20th and 21st centuries.
- Explores how global and regional conflicts have been a powerful force in shaping Canada's contemporary world and identities, such as World War II, the Quiet Revolution and the Oka crisis.
- Focuses on how worldviews lead to different perspectives and ideas about developments in Canadian society.

Grade 11

Grade 11 students **must** have completed Grade 10 French Immersion and must register for the following courses:

Explorations en sciences humaines et sociales 11

FSCH-11

- Explores the following units of study: Philosophy, Environment, Globalization and World History.
- Uses Social Studies inquiry processes and skills to ask questions; gather, interpret, and analyze ideas; and communicate findings and decisions.
- Assesses the significance of people, places, events, phenomena, ideas, or developments (significance).
- Assesses the credibility and justifiability of evidence, data, and interpretations (evidence).
- Compare and contrast continuities and changes, trends and patterns, or similarities and differences for different people, places, events, phenomena, ideas, or developments (continuity and change).
- Assess the short- and long-term causes and expected and unexpected consequences of people's actions, events, phenomena, ideas, or developments (cause and consequence).
- Infer and explain different perspectives on people, places, events, phenomena, ideas, or developments (perspective).
- Make reasoned ethical judgments about people, places, events, phenomena, ideas, or developments and determine appropriate ways to respond (ethical judgment).

Langue et culture de la Francophonie 11

FLCF-11

- Focuses on developing language abilities through the exploration of language and culture from the Francophone world.
- Designed to build students' skills in the areas of reading and writing, speaking and listening, and grammar knowledge through activities such as forums, debates and discussions.
- Focuses on the concept of bilingual or plurilingual identities and the issues that may rise from it.
- Examines francophone cultures around the world, including customs and traditions.

Grade 12

Grade 12 students **must** have completed Grade 11 French Immersion and must register for the following course:

Français Langue 12

FFRAL12

- Required to receive a bilingual diploma; integrates and enhances the linguistic competencies and linguistic and cultural knowledge acquired during past learning experiences.
- Enables students to gain an overview of the various factors that shape their bilingual identity.
- Explores different types and genres of texts, from various sources, that reflect Francophone and First Peoples perspectives.
- Analyzes various communication situations and refine their communication skills in diverse contexts in order to achieve their personal and career objectives.

Elective Courses

Applied Design, Skills & Technologies (ADST)

Business Education

Grade 10

Entrepreneurship & Marketing 10

MADEM10

- Engage in dynamic, project-based learning encompassing economics, finance, international business, entrepreneurship, and marketing.
- Gain a holistic understanding of business, integrating social, ethical, and environmental perspectives.
- Develop critical skills in critical thinking, graphic design, public speaking, word processing, web page design, and computer proficiency for today's business landscape.

Grade 11

Accounting 11

MAC--11

- Lays foundational accounting concepts, from ethics principles to the accounting cycle and equation.
- Immerses hands-on financial analysis, enhancing analytical, document preparation, and presentation skills.
- Uncovers a diverse range of career opportunities within the accounting field, expanding your understanding of potential roles.

Marketing & Promotion 11

MMAP-11

- Explores marketing's real-world impact and provides practical skills.
- Engages students in virtual business simulations and leadership opportunities.
- Sets a foundation for future studies in marketing and business.

Grade 12

Accounting 12

MACC-12

- Builds on Accounting 11 Foundation with Advanced Techniques.
- Excel in Streamlined, Computerized Accounting Methods.
- Gain Hands-On Bookkeeping Experience in Real-World Settings.

Entrepreneurship 12

MENT-12

- Immersive Business Experience: Royal Bay goes beyond theory, offering hands-on business training.
- Dynamic Marketing Introduction: Students gain practical skills through small business operations.
- Diverse Ventures and Comprehensive Curriculum: From Grad Wear to accounting, students explore various facets of business.

Home Economics & Culinary Arts

Grade 10

Culinary Arts 10

MCUL-10

- Impress your friends with a fancy meals!
- Start your journey towards becoming a professional chef, by taking the opportunity to work hands-on in a commercial kitchen.

- Introduces basics such as proper knife skills, seasoning dishes and plating food.
- Focuses on working in a fast-paced team environment.
- Provides students the opportunity to develop employability skills such as time management and working to a deadline.

Fabric & Fibre Arts 10 (Stagecraft Costume & Design)

YHEC-0D

- Costumes “set” the stage by helping to develop characters, setting, and even the plot of a live performance.
- Imagine and interpret characters from text.
- Follow a creative process to design costumes for the musical and dance academy.
- Learn to sew costumes and bring your ideas to life for the stage.
- Be part of a creative team that works behind the scenes and be proud on show night!

Families & Society 10

MFAMS10

- Family has long been the basic organizing unit of society.
- Families function to provide our basic nurturance and can exist in increasingly diverse forms and this course:
 - Compares family structures across different cultures;
 - Explores roles within families and society related to power and privilege;
 - Designs products and services to meet the needs of families today; and
 - Considers career opportunities connected to family and societal well-being.

Food Studies 10

MFOOD-10

- Develops more knowledge and independence around food.
- Create meals and desserts while managing time and resources.
- Uncovers the links between what you eat and your mental and physical health.
- Builds awareness of different food systems and associated ethical issues.
- Designs meals for diverse situations and people

Course fee: \$45.00

Textiles 10

MTXT-10

- Welcomes all to the world of fashion and design!
- No sewing experience is needed, beyond a willingness to learn and explore.
- Follow a creative process to design projects.
- Make art out of fabric and textile materials using a variety of methods.
- Sew a piece of clothing.
- Upcycle something old and make it new again.

Course fee: \$45.00

Grade 11

Culinary Arts 11

MCUL-11

- Having impressed your friends back in Gr 10 with a delicious meal, it’s time to expand your skills and learn what it takes to throw a fancy dinner party.
- Builds on the previous skills that you learned, giving you the opportunity to take on more challenging tasks in the kitchen.
- Opportunities to plan and execute menus for the school cafeteria.
- Focuses on developing leadership skills.

- Provides students the opportunity to develop employability skills such as time management, working with a team and working to a deadline.

Fabric & Fiber Arts 11 (Stagecraft Costume & Design)

YHEC-1D

- Costumes “set” the stage by helping to develop characters, setting, and even the plot of a live performance.
- Imagine and interpret characters from text.
- Follow a creative process to design costumes for the musical and dance academy.
- Learn to sew costumes and bring your ideas to life for the stage.
- Be part of a creative team that works behind the scenes and be proud on show night!

Food Studies 11

MFOOD-11

- Introduces the ability to make informed food choices and the skills to source and prepare meals is at the heart of this course. Learn how to:
 - Practice designing and preparing meals for a variety of situations;
 - Explore food guides from around the world;
 - Build awareness of food labeling and marketing;
 - Engage in activities that develop food security; and
 - Learn about being self sufficient in the kitchen and be independent.

Course Fee: \$45.00

Interpersonal & Family Relationships 11

MIAFR-11

- Living in relationship with others and how we navigate relationships has a profound effect on our happiness and success. Consider this class if you would like to:
 - Improve your communication skills;
 - Develop strategies for deepening relationship satisfaction in a variety of settings;
 - Explore qualities of healthy and unhealthy relationships;
 - Develop tools for managing conflict; and
 - Design products and services towards improving relationships at home and in society.

Textiles 11

MTXT-11

- Welcomes all to the world of fashion and design!
- No sewing experience is needed, beyond a willingness to learn and explore.
- Follow a creative process to design projects.
- Make art out of fabric and textile materials using a variety of methods.
- Sew a piece of clothing.
- Upcycle something old and make it new again.

Course fee: \$45.00

Grade 12

Child Development & Caregiving 12

MCDAC12

- Invites those interested in caregiving and working with infants and children.
- Offers an understanding of legal rights and responsibilities of caregivers and children.
- Explores the decision to parent and parenting styles.
- Considers the diverse ways families are formed, including adoption, fostering and blended families.
- Explores pregnancy, prenatal development, and childbirth.
- Compares current theories of child development from birth to age 12.
- Designs products and services that address needs of caregivers, parents and children.

Culinary Arts 12**MCUL-12**

- Culmination of your professional cooking journey here at Ecole Royal Bay Secondary.
- Offers leadership roles in the kitchen, using the skills they have learned in Culinary arts 10/11 to assist in the running of the cafeteria.
- Opportunities to develop leadership skills by leading a kitchen station.
- Focuses on executing the lunch time meal service for the school cafeteria.
- Provides students the opportunity to develop employability skills such as time management, leadership and working to a deadline.

Fabric & Fibre Arts 12 (Stagecraft Costume & Design)**YHEC-2D**

- Costumes “set” the stage by helping to develop characters, setting, and even the plot of a live performance.
- Imagine and interpret characters from text.
- Follow a creative process to design costumes for the musical and dance academy.
- Learn to sew costumes and bring your ideas to life for the stage.
- Be part of a creative team that works behind the scenes and be proud on show night!

Food Studies 12**MFOOD12**

- Develops skills towards multi-course meal design that also takes into consideration:
 - Different philosophical perspectives on food;
 - Food justice and food sovereignty issues locally and globally;
 - Laws and agencies that regulate food production in Canada; and
 - Food policies that shape access to food in homes, schools and communities.

Course fee: \$45.00**Housing & Living Environments 12****MHALE12**

- Prepares you to make informed decisions related to housing throughout your life and develop your skills in design and decorating.
- Introduces your rights and responsibilities as a tenant.
- Helps understanding how to buy a home and the true costs of house ownership.
- Follows a creative design process to solve real world housing and design problems.
- Teaches about different styles and trends of houses, furniture, and interior décor.
- Explores opportunities to upcycle, DIY, or repurpose to save money decorating.

Textiles 12**MTXT-12**

- Welcomes all to the world of fashion and design!
- No sewing experience is needed, beyond a willingness to learn and explore.
- Follow a creative process to design projects.
- Make art out of fabric and textile materials using a variety of methods.
- Sew a piece of clothing.
- Upcycle something old and make it new again.

Course fee: \$45.00**Information & Communications Technology****Grade 10****Computer Studies 10****MCSTU10**

- Learn HTML, CSS, Javascript, Binary, Hex, and Control Systems.
- Focus on best practices and the building blocks of a successful career.

- Create your own online company from the ground up.
- Build a portfolio of websites and basic programs including your own app.

Game Design & 3D Animation 10

YCCT-0CGD

- Step into the captivating intersection of art and technology in the gaming world.
- No need for prior experience in 3D modeling or game design—beginners are more than welcome!
- Uncover the secrets of 3D modeling using Blender: create lifelike environments, apply textures, and master the art of lighting and animation.
- Transform your 3D worlds into interactive experiences with the Unity Engine. Learn the essentials of game logic and programming to bring your creations to life.

Media Design 10

MMEDD10

- Get hands-on experience in an array of exciting domains: Film Production, Photography, Animation, Graphic Design, and Audio Production.
- Your canvas awaits! Try your hand at poster designs, short films, stunning animations, compelling movie trailers, intriguing podcasts, and captivating photo shoots.
- Ideal for anyone wishing to create digital art or media—let this course be your creative outlet and stepping stone to more advanced courses in grades 11 and 12.

Grade 11

Computer Programming 11

MCMPR11

- Explores the exciting world of computer science, programming and technology.
- No prior coding experience needed – beginners welcome!
- Discover the building blocks of programming: variables, methods, control flow, and recursion.
- Dive into the powerful language of C# – perfect for game development and virtual reality.
- Gain skills that easily translate into learning C, C++, and Java, opening up endless possibilities.

Graphic Arts 11 (Graphic Design & Photography)

MVAGA11

- Dives into the worlds of Digital Art, Photography, and Graphic Design.
- Extends your skills from Media Design 10 to industry-standard platforms like Photoshop, Illustrator, and InDesign.
- Your canvas awaits: from evocative studio photography to t-shirt and poster designs.
- Explores the realms of digital creativity, be it logos, product packaging, or beyond!
- Planning a career in Media Arts? Use this course as a stepping stone to craft an impressive portfolio for post-secondary programs.

Media Design 11 (Film & Animation)

MMEDD11

- Build upon the skills you've honed in Media Design 10 through hands-on, imaginative projects.
- Get lost in the magic of storytelling by creating captivating short films, engaging commercial productions, and eye-catching movie trailers.
- Develop your prowess in animation and audio design.
- Considering a future in Film or Media Arts? Start crafting your portfolio now and gain a head start for post-secondary ambitions.

Video Game Creation 11

YCCT-1C

- Explores what it is like to work in the video game industry combining brains and artistic ability.
- No prior game design experience needed – beginners welcome!
- Learn how to use 3D modeling techniques such as boolean, subdivision, and procedural modeling, as well as how to rig, animate, and apply materials to your models using Blender.

- Learn how to combine your art, sound, and programming assets together in the Unity Game Engine to create virtual environments and mechanics to interact with them.
- Collaborate with fellow students in dynamic teams to create your very own video games.

Grade 12

Computer Programming 12

MCMPR12

- Explores the exciting world of computer science, programming and technology.
- Discover the building blocks of programming: variables, methods, control flow, and recursion.
- Dive into the powerful language of C# – perfect for game development and virtual reality.
- Gain skills that easily translate into learning C, C++, and Java, opening up endless possibilities and preparing you for university coursework.

Film Making 12 (Film Studies)

YCCT-2G

- Studies film theory and elements in conjunction with a variety of storytelling techniques.
- Promotes active viewing and critical thinking – both key skills in the digital age.
- Allows time for story creation, opportunities to apply diverse storytelling elements and modes, support to experiment with new techniques and take risks, and time to invest in an individual project.
- Examines film and digital media from a variety of genres, themes, directors, screenwriters, and storytellers.

Media Design 12 (Film & Animation)

MMEDD12

- Expand your skillset from Media Design 10 or Film & Animation 11 with cutting-edge projects that challenge your creativity.
- Discover the art of captivating narratives through creating films, commercials,, and short animations.
- Master the subtleties of audio design and intricate motion graphics.
- Aspiring for a future in Film or Media Arts? Solidify your portfolio and prepare to dazzle admissions teams at post-secondary institutions.

Photography & Digital Art 12 (Graphic Design & Photography)

MVAGA12

- Level up your talents, building from Media Design 10 or Photography and Digital Art 11.
- Engage in hands-on projects using top-notch software like Photoshop, Illustrator, and InDesign.
- Create masterpieces from striking studio photography and iconic logos to edgy t-shirt and poster designs.
- Aiming for a Media Arts degree? Utilize this course to beef up your portfolio and make your college application stand out.

Video Game Creation 12

YCCT-2C

- Explores what it is like to work in the video game industry combining brains and artistic ability.
- No prior game design experience needed – beginners welcome!
- Learn how to use 3D modeling techniques such as boolean, subdivision, and procedural modeling, as well as how to rig, animate, and apply materials to your models using Blender.
- Learn how to combine your art, sound, and programming assets together in the Unity Game Engine to create virtual environments and mechanics to interact with them.
- Collaborate with fellow students in dynamic teams to create your very own video games.

Technology Education

Grade 10

Drafting & Design 10

MTDRF10

- Explores the highly flexible technique of graphic communication through use of design sketches, traditional drawing techniques, and industry standard design software (Autodesk's Autocad and Inventor).

- Streamlines designs and prototypes them using 3d printers and CNC based technology.
- Introduces modern production cycles with relevance to construction trades, engineering, interior design, architecture, landscape design, advertising, and fashion design.

Course fee: Costs may be incurred as students make design and material choices in projects.

Electronics & Robotics 10

MTEAR10

- Build a 3d printed Robot and control it with an Arduino microcontroller.
- Code in a modified C programming language.
- Learn how to use a variety of different electronics parts and sensors.
- Pursue as a personal interest or lead yourself into a career as a commercial/ residential/ marine electrician, HVAC, automotive electrical technician, computer/IT, or engineering careers.

Course fee: \$45 – Covers cost of material for mandatory work.

Further cost may be incurred as students make design and material choices in later projects.

Metalwork 10

MTMET10

- Design and create a unique aluminum hand tool design.
- Cut and fold stainless steel to make a BBQ flipper.
- Plasma cut a personalized design out of aluminum.
- Utilize both MIG and GMAW welding techniques to produce a welded die.
- Explore machining techniques to create a tack hammer.

Course fee: \$45 – Covers cost of material for projects.

Woodwork 10

MWWK10

- Explore intricate woodworking methods to connect wood pieces, honing your craftsmanship.
- Develop a keen eye for details and precision as you work on projects with higher expectations for quality.
- Enjoy increased flexibility in selecting materials and projects that align with your interests and aspirations.
- Take on more responsibility as you learn to work independently, managing your projects and time effectively over the semester.
- Accomplish a project while acquiring essential knowledge about the correct procedures for stock break out.
- Begin with a skill-building, safety-oriented project: Wood Joinery. Proceeding with a side table project to further develop woodworking abilities.

Course fee: \$45 – Covers cost of material for projects.

Woodwork 10 – Artistic Woodwork

MWWK10-AW

- Join a community of like-minded individuals who share passion and commitment to fostering a diverse and inclusive learning space.
- Unleash creativity and artistic potential in an inclusive environment designed for comfort and expression.
- Discover a wide range of manufacturing processes and woodworking techniques that allow you to create intricate and detailed art pieces.
- Emphasize the elements of design and project planning.
- Accomplish projects while acquiring essential knowledge about the correct procedures for stock break out.
- Get hands-on experience in creating unique art pieces, breaking away from traditional cabinetry and joinery practices to explore an artistic side of woodworking.

Course fee: \$45 – Covers cost of material for projects.

Grade 11

Drafting 11

MTDRF11

- Employ and learn about “Design Thinking” and how it is used in industry, engineering, and design firms to develop new and innovative ideas.

- Streamline designs and prototype them using 3d printers and cnc based technology.
- Create original and authentic pieces of work that demonstrate personal expression, creativity, and problem-solving. Focus on an area that interests you. Mechanical vs. architectural design.
- Get a feel for modern production cycles with relevance to construction trades, engineering, interior design, architecture, landscape design, advertising, and fashion design.

Course fee: Costs may be incurred as students make design and material choices in projects.

Engineering 11

MENR-11

- Explore various aspects of engineering, such as mechanical, electrical, and software.
- Learn how to use wood and metal machine tools, 3D design and printing, CNC machining, programming, and printed circuit board construction.
- Collaborate with other future engineers and share your skills, experiences, and interests.
- Participate in a final project that challenges you to build a group solution to a real-world problem. Past challenges have included wind turbines, electrical generators, and autonomous greenhouses.

Course fee: Costs may be incurred as students make design and material choices in projects.

Metalwork 11

MTMET11

- Design and create a unique aluminum hand tool design.
- Cut and fold aluminum to make a tool caddy.
- Plasma cut a personalized design out of aluminum.
- Utilize both MIG and GMAW welding techniques to produce a welded stool.
- Explore machining techniques to create a scriber.

Course fee: \$45 – Covers cost of material for mandatory projects.

Robotics 11 (Electronics)

MTELE11

- Program an Arduino, Raspberry Pie, or another microcontroller to interact with a physical robot or digital program.
- Apply design thinking and engineering principles to create and test prototypes of robotic solutions.
- Use various tools, technologies, and materials to build and program robots for specific purposes.
- Reflect on the social and environmental impacts of robotic technologies in the community and industry.

Course fee: \$45 – Covers cost of material for projects.

Woodwork 11

MWWK-11

- Learn how to maintain and operate various tools and equipment, giving students skills needed to create with wood effectively.
- Gain insights into the wood projects industry, focusing on wood selection and creative design.
- Design and build projects, fostering a deeper appreciation of the inherent craftsmanship and creativity.
- Accomplish projects while acquiring essential knowledge about the correct procedures for stock break out.
- Begin with a smaller project to build the foundational skills required to undertake more substantial furniture projects.

Course fee: \$45 – Covers cost of material for projects. The balance will be applied to the start of the individual work. Further cost will be incurred depending on personal design and material choices.

Woodwork 11 – Artistic Woodwork

MWWK11-AW

- Join a community of like-minded individuals who share passion and commitment to fostering a diverse and inclusive learning space.
- Unleash creativity and artistic potential in an inclusive environment designed for comfort and expression.
- Discover a wide range of manufacturing processes and woodworking techniques that allow you to create intricate and detailed art pieces.
- Emphasize the elements of design and project planning.

- Accomplish projects while acquiring essential knowledge about the correct procedures for stock break out.
- Get hands-on experience in creating unique art pieces, breaking away from traditional cabinetry and joinery practices to explore an artistic side of woodworking.

Course fee: \$45 – Covers cost of material for projects.

Grade 12

Drafting 12

MTDRF12

- Employ and learn about “Design Thinking” and how it is used in industry, engineering, and design firms to develop new and innovative ideas.
- Streamline designs and prototype them using 3d printers and CNC based technology.
- Create original and authentic pieces of work that demonstrate personal expression, creativity, and problem-solving. Focus on an area that interests you. Mechanical vs. architectural design.
- Get a feel for modern production cycles with relevance to construction trades, engineering, interior design, architecture, landscape design, advertising, and fashion design.

Course fee: Costs may be incurred as students make design and material choices in projects.

Engineering 12

MENR-12

- Explore various aspects of engineering, such as mechanical, electrical, and software.
- Learn how to use wood and metal machine tools, 3D design and printing, CNC machining, programming, and printed circuit board construction.
- Collaborate with other future engineers and share your skills, experiences, and interests.
- Participate in a final project that challenges you to build a group solution to a real-world problem. Past challenges have included wind turbines, electrical generators, and autonomous greenhouses.

Course fee: Costs may be incurred as students make design and material choices in projects.

Machining & Welding 12

MTMAW12

- Design and create a unique aluminum hand tool design.
- Cut and fold steel to make a sheet metal car.
- Plasma cut a personalized design out of aluminum.
- Utilize TIG welding to produce an aluminum project.
- Explore machining techniques to create a shift knob or scriber.

Course fee: \$45 – Covers cost of material for projects.

Further cost will be incurred if students choose to make personal projects.

Metalwork 12

MTMET12

- Design and create a unique aluminum hand tool design.
- Cut and fold steel to make a sheet metal car.
- Plasma cut a personalized design out of aluminum.
- Utilize both MIG and GMAW welding techniques to produce a welded stool.
- Utilize TIG welding to produce an aluminum project.
- Explore machining techniques to create a shift knob or scriber.

Course fee: \$45 – Covers cost of material for projects.

Robotics 12 (Electronics)

MTELE12

- Program an Arduino, Raspberry Pie, or another microcontroller to interact with a physical robot or digital program.
- Apply design thinking and engineering principles to create and test prototypes of robotic solutions.
- Use various tools, technologies, and materials to build and program robots for specific purposes.
- Reflect on the social and environmental impacts of robotic technologies in the community and industry.

Course fee: \$45 – Covers cost of material for projects.

Woodwork 12

MWWK-12

- Learn how to maintain and operate various tools and equipment, giving students skills needed to create with wood effectively.
- Start with a series of brief skill-building projects that lay the foundation of woodworking techniques.
- Explore CNC machine tool production to expand skill sets and introduce new dimensions to projects.
- Develop a deep understanding of cabinet constructions theory, including the use of measurement and layout tools, material calculations, material identifications, and advanced techniques for both hand and power tools.
- Be inspired to conduct research and craft significant take-home projects or multiple smaller projects that align with your interests and aspirations.

Course fee: \$45 – Covers cost of material for projects. The balance will be applied to the start of the individual work. Further cost will be incurred depending on personal design and material choices.

Woodwork 12 – Artistic Woodwork

MWWK12-AW

- Join a community of like-minded individuals who share passion and commitment to fostering a diverse and inclusive learning space.
- Unleash creativity and artistic potential in an inclusive environment designed for comfort and expression.
- Discover a wide range of manufacturing processes and woodworking techniques that allow you to create intricate and detailed art pieces.
- Emphasize the elements of design and project planning.
- Accomplish projects while acquiring essential knowledge about the correct procedures for stock break out.
- Get hands-on experience in creating unique art pieces, breaking away from traditional cabinetry and joinery practices to explore an artistic side of woodworking.

Course fee: \$45 – Covers cost of material for projects.

Arts Education

Dance

Grade 10 – 12

Dance Performance focuses on 4 styles of dance: Jazz, Hip Hop, Contemporary and Stage. We are pleased to offer two different Dance experiences to choose from. You do not need to already be a dancer to be successful in this class! The best thing you can bring with you to class is a strong work ethic and a good attitude.

Helpful hints for choosing the right Dance class/experience/level for you:

Dance Foundations 10 – 12 (Beginner)

MDCF-10/11/12

- Introduces Jazz, Hip Hop, Contemporary and Stage to students who:
 - Have no experience;
 - Danced when little but haven't for years;
 - Are athletes and want to work on skill/flexibility;
 - Are theatre and want to work on being a “triple threat”;
 - Have experience in 1 of the styles of dance taught at Royal Bay; or
 - Want to take Dance for one semester.

Dance Foundations 10 – 12 (Intermediate)

MDCF-10I/11I/12I

- Continues Jazz, Hip Hop, Contemporary and Stage to students who:
 - Have some (1-3 years) experience in most of the styles taught at Royal Bay;
 - Have studio experience in most of the styles taught at Royal Bay;
 - Are in grade 9 and have future years ahead to potentially move into the Academy Program; or

- Want to take Dance for one semester.

Drama/Theatre

Drama 10

MDRM-10

- Welcomes students to explore, create, and gain an appreciation for the dramatic process.
- Introduces and develops, the following skills:
 - Build ensemble and practice storytelling skills through games and short scenes;
 - Develop their movement and vocal technique;
 - Practice creating characters;
 - Develop and practice their improv skills; and
 - Explore creating their own stories through playwriting.

Acting 11/12 (Drama)

MDRM-11/12

- Promotes the craft of Acting for both the stage and screen.
- Explores and develops the following skills:
 - Explore and practice movement, vocal work, and character development as it relates to acting;
 - Practice acting technique through script analysis, scene studies, and monologues;
 - Develop an understanding of blocking for the stage;
 - Be introduced to specialty acting areas such as voice over work and stage combat; and
 - Study acting techniques for film and television.

Performance Based Courses

The following courses are focused on performance and are offered within the theatre season of the Black Wing Theatre Company. The goal of the company is to provide students with professional instruction in acting, vocal technique, dance, movement, and technical theatre and design.

Musical Theatre (Performance Company) 10/11/12

MMUTH10-PC/MMUTH11/12

Directing & Script Development 10/11/12

MDR-10PC/MDRDS11/12

These courses are offered as a **yearlong** pairing, **inside** the timetable.

Recommended Prerequisite: Completion of Drama 9/10 or Musical Theatre 9.

- Designed for students who are passionate about performance and may be interested in pursuing a career in the performing arts.
- Students will:
 - Explore and develop skills related to classical and contemporary acting, musical theatre, as well as acting for film and TV;
 - Be a part of a year-long acting ensemble;
 - Participate in a full-scale theatrical production. Past shows have included: *Pippin*, *Cabaret*, *Peter and the Starcatcher*, *Nice Work If You Can Get It*, *Urinetown*, and *Catch Me if You Can*.
 - Participate in specialty workshops given by industry professionals.

Note: This is an intensive class which requires a high level of commitment and excellent attendance. As showtime approaches, some rehearsals will take place after school.

Music

Music courses incur the following material costs:

Instrument rental: \$150/year - Some instruments are available through the school.

Percussionists/rhythm section: \$20/year.

Uniform rental: \$5.00/year.

Students must purchase any other supplies such as reeds, valve oil, sticks, etc.

Music (Instrumental)

Instrumental Music – Concert Band 10

MMUCB10

Recommended prerequisite: Minimum of one year band experience.

This **yearlong** course runs on alternating days with HUB learning classes.

- Within the Concert Band setting (woodwinds, brass and percussion), musical and instrumental skills will be developed through the rehearsal and performance of exciting and lyrical music from the traditional Concert Band works to present day.
- Ensemble rehearses together with the goal of becoming a cohesive musical unit through both individual and group effort.
- Continues to develop understanding of music theory.
- Extracurricular rehearsals and festival/community performances will be required throughout the year.

Instrumental Music – Jazz Band 10

MMUJB10

Recommended prerequisite: Minimum of one year band experience, private instruction or instructor permission.

This **yearlong** course runs on alternating days with HUB learning classes.

- Explores instrumental Jazz through the performance of 'Big Band' arrangements of a variety of jazz styles including swing, funk, Latin, rock and ballads.
- Encourages listening to recordings, copying the great players and developing reading and improvising 'chops' on instruments.
- Some high-energy music will be heard during this class.
- Participation in festival/community performances is required throughout the year.

Jazz Band 11/12

MIMJB11/12

Recommended prerequisite: Minimum of 2 years band experience or private instruction or permission of the instructor and is offered in **Semester 1 only**.

- Explores instrumental Jazz through the performance of 'Big Band' arrangements of a variety of jazz styles including swing, funk, Latin, rock and ballads.
- Encourages listening to recordings, copying the great players and developing reading and improvising 'chops' on instruments.
- Some high-energy music will be heard during this class.
- Participation in festival/community performances is required throughout the year.

Music (Vocal)

Choral Music 10 – 12 (Vocal Jazz)

MMUVJ10/MCMJV11/12

- Performance based ensemble with a unique and exciting style of vocal music where microphone technique is taught through a variety of Jazz styles (swing, Latin and ballad).
- Performed a cappella (voices only) or accompanied by a rhythm section.
- Performance commitments throughout the year require occasional extracurricular rehearsals.
- Healthy vocal production rehearsed which increases confidence and skill singing in 3 and 4-part harmony.

Music (Non-Performing)

Instrumental Music – Guitar 10 – 12 (Intro)

MMUGT10/MIMG-11/-12

- Introduces a step-by-step method geared towards the beginner or intermediate player.
- Starts with the basics: chords, scales, popular riffs, theory, strumming patterns, finger picking, bass lines, note reading, symbols and technical terms, rhythm, maintenance and ear training.
- Structured to build knowledgeable musicians who enjoy the opportunity to play classic music.
- Uses The Blues and contemporary songs to aid in developing technique and facility on the guitar.

Material cost: Students provide an acoustic guitar.

Piano 10 – 12 (Intro)

YVPA-0AIP1/-1AIP1/-2AIP1

- Introduces a step-by-step method geared towards the beginner player.
- Starts with the basics: melody and chords, hand and finger positioning, theory, composition, symbols and technical terms, sight reading and ear training.
- Structured to build knowledgeable musicians who enjoy the opportunity to play classic and contemporary songs.

Materials cost: Piano or keyboard for home practice is an asset.

Visual Arts

Grade 10

Visual Arts 10 (Art Studio)

MVAST10

- Unleashes your inner artist as you dive into the exciting world of art.
- Explores a variety of art forms, including drawing, painting, printmaking, and even clay sculpting.
- Enhances your artistic abilities with the help of fascinating design techniques.
- Explores the works of both classical and contemporary artists to gain insights into their creative processes.
- Join this creative adventure, which requires no prior art experience, just an open mind, and be sure to bring a sketchbook!

Grade 11

Art Studio 11

MVAST11

- Dives into a creative journey through both 2D (drawing and painting) and 3D (sculpture and ceramics) art.
- Enhances your artistic skills in drawing, painting, sculpting, and even printmaking, all while gaining insight into the techniques and styles of renowned artists.
- Develops unique artistic expression and focuses on crafting remarkable images that reflect individuality.
- Maintains a sketchbook as an art diary, which plays a critical role in tracking and showcasing progress!

Course fee: TBA

Media Arts 11 (Digital Painting)

MVAMT11

- Creates digital paintings, drawings, characters, environments and more.
- Engages in a new way of creating art through a combination of traditional tools and digital software.
- Explores a variety of techniques and styles for a variety of platforms.
- Levels up skills by learning concepts such as lighting, anatomy, and colour theory.
- Introduces an appreciation for digital art and a greater understanding of the digital world we live in.

Studio Arts 2D 11 (Drawing & Painting)

MVAD-11

- Explores various aspects of 2D art, including drawing, painting, graphics, and more.
- Strengthens skills by studying the works of both classical and contemporary artists.
- Experiments with different artistic media, which may include materials like collage and mixed media.
- Maintains a sketchbook to capture creative process and the development of artwork.

Studio Arts 3D 11 (Ceramics & Sculpture)

MVAC-11

- Explores the realm of 3D art, by delving into various materials and techniques.
- Promotes the art of ceramics with the potter's wheel and craft clay sculptures, while also experimenting with engaging decorative methods.
- Extends beyond clay by experimenting with materials like wire, plaster, paper, and more to create captivating artworks.

- Introduces the masters through learning about famous ceramic artists and sculptors, while becoming a creative explorer.
- Keeps sketchbook close – a trusty tool for recording the creative journey and all the crafted creations!

Course fee: \$40

Grade 12

Art Studio 12

MVAST12

- Broadens artistic skills by delving into the realms of both 2D and 3D art.
- Refines techniques in drawing, painting, ceramics, sculpture, and printmaking to continually improve craft.
- Explores the world of art trends by introducing renowned artists and diverse art styles, spanning from classical to contemporary.
- Documents artistic journey using a sketchbook, a valuable tool that showcases growth as an artist.
- Researches criteria for post-secondary education to build a portfolio that aligns with those requirements can be an essential component of this course.

Course fee: TBA

Media Arts 12 (Digital Painting)

MVAMT12

- Creates digital paintings, drawings, characters, environments and more.
- Engages in a new way of creating art through a combination of traditional tools and digital software.
- Explores a variety of techniques and styles for a variety of platforms.
- Levels up skills by learning concepts such as lighting, anatomy, and colour theory.
- Introduces an appreciation for digital art and a greater understanding of the digital world we live in.

Studio Arts 2D 12 (Drawing & Painting)

MVAD-12

- Focuses on 2D art, encompassing drawing, painting, graphics, and printmaking.
- Explores the work of major artists.
- Develops your imagery, honing your observational skills, and experimenting with design principles.
- Embraces independent thinking, which can lead to self-directed projects and the development of your personal artistic style.
- Researches criteria for post-secondary education to build a portfolio that aligns with those requirements can be an essential component of this course.
- Keeps a sketchbook or visual journal to document creative process and image development.

Studio Arts 3D 12 (Ceramics & Sculpture)

MVAC-12

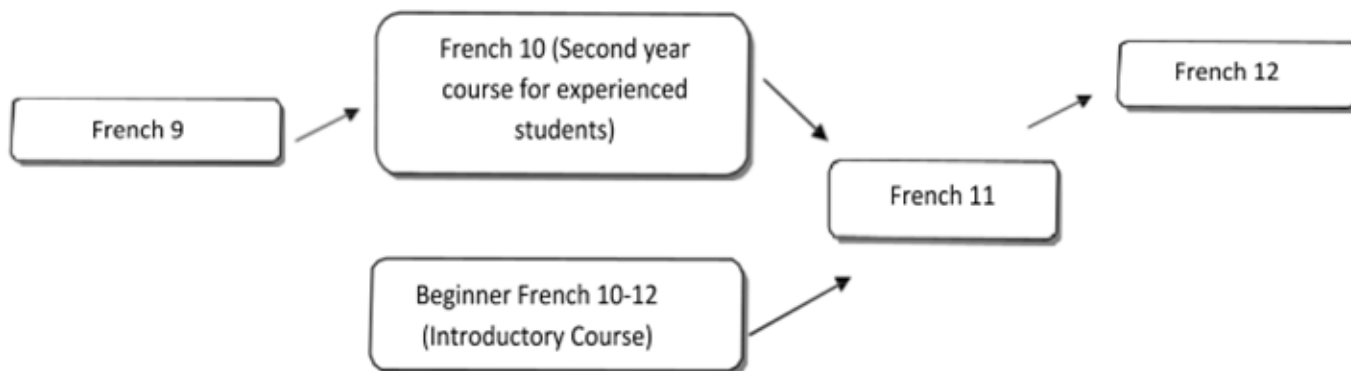
- Discovers 3D art using various materials, methods, and techniques.
- Engages in hands-on learning using a potter's wheel, craft clay sculptures, and more.
- Unleashes creativity through the decoration of ceramics and the exploration of materials like wire, plaster, wood, and cardboard.
- Enhances artistic skills by studying the works of both classic and contemporary artists.
- Captures artistic journey and ideas with the help of a creative journal, such as a sketchbook.

Course fee: \$40

Languages

Note: University of BC and Simon Fraser University both have **2nd Language Requirements**. Please see your counsellor if you are thinking of attending one of these schools.

French Language (not French Immersion) Pathways:



Core French 10 **MFR--10**

- Continues to build on written and oral language skills while increasing vocabulary and oral comprehension.
- Emphasizes listening, speaking, reading and writing in French.
- Explores diverse forms of cultural expression.
- Promotes greater understanding of our own cultural identity.
- Themes include hobbies and pastimes, media, jobs, shopping and friends.

Core French Introductory 11 **YL0E-1A**

- Introduces students Gr 10 -12 who have not had the opportunity to explore Canada’s other official language or would like to build on their existing French knowledge.
- Listening and viewing will help students acquire and understand French.
- Experiences and perspectives will be shared through stories.
- Builds understanding of Francophone culture through expressions and creative works.

Core French 11 **MFR--11**

- Emphasizes developing expression and fluency in writing and oral language, specifically with giving opinions and sharing thoughts.
- Combines oral/aural and written work.
- Emphasizes communication and developing proficiency in French.
- Themes include restaurants, food, childhood memories, advertising, giving advice, and Canadian Culture.

Core French 12 **MFR--12**

- Continues from French 11 and is designed for advanced written and oral communication.
- Emphasizes learning more advanced and sophisticated ways of using the French language.
- Offers the challenge of more advanced communication, composition and comprehension of Literature and authentic documents.
- Appreciation of Francophone culture will allow students to gain a deeper understanding of the language and explore global issues with greater awareness.

Spanish Pathways:

All Spanish courses at Royal Bay are taught with the TPRS method (Teaching Proficiency through Reading and Storytelling). This method is based around a series of engaging stories which are taught through questioning, choral response and dramatization in a highly comprehensible, personalized and contextualized manner. The TPRS method promotes rapid fluency in a fun and supportive environment.

Spanish 10 **MSP--10**

- Invites students who have completed Spanish 9 and would like to continue building their fluency and understanding of the Spanish Language.
- Focuses on Mexico and traditions such as the quinceañera (15th birthday celebration) and Dia de los muertos (Day of the Dead).
- Develops speaking in the present, past and future tenses through a series of stories about school, ordering at restaurants, shopping and household chores.
- Offers the ability to speak Spanish with a stronger command of verb tense, expressions and a vastly increased vocabulary.

Spanish Introductory 11

MBSP-11

- Welcomes any student who would like to start learning Spanish but did not take Spanish 9.
- Develops rapid fluency by speaking tons of Spanish.
- Gains an understanding of Spanish culture.
- Offers the ability to tell a story and have a conversation entirely in Spanish.

Spanish 11

MSP--11

- Invites students who have completed Spanish 10 and would like to continue building their fluency and understanding of the Spanish language.
- Focuses on South America, Central America and Spain which includes a novel study and two films.
- Develops learning to speak with further clarity in the present, past and future tenses through a series of stories about sports, shopping, daily routines, and childhood memories.
- Offers the ability to speak Spanish with a stronger command of verbs (including reflexive, conditional, imperative and subjunctive), regional expressions and a vastly increased vocabulary.

Spanish 12

MSP--12

- Invites students who have completed Spanish 11 and would like to continue building their fluency and understanding of the Spanish language.
- Focuses on Spain.
- Develops learning to speak with further clarity in the present, past and future tenses through a series of stories about cooking, movies, acting, relationships, professions and travel.
- Offers the ability to speak Spanish with a stronger command of verbs (including all past and subjunctive tenses), regional expressions and a vastly increased vocabulary.
- Helps students attain fluency in Spanish and may be used as a steppingstone into Latino studies at the post-secondary level.

Physical & Health Education

Multi Grade Classes

Outdoor Education 10 – 12

YPLS-0C/MODED11/12

- Introduces some of Vancouver Island's world class outdoor adventures.
- Develops the necessary skills and prepare for a multi-day backpacking trip in the spring.
- Hands-on course that focuses on learning by doing.
- Course topics will include: wilderness safety/survival skills, first aid, nutrition, navigation and orienteering, environmental practices/nature appreciation, team building, goal setting, leadership and personal fitness.
- Develops a richer appreciation of our local and coastal environments by exploring natural ecosystems, exercising sustainability and understanding human's impact on the environment.
- Has a significant outdoor component and students must be prepared for a range of weather conditions.
- Activities include hiking local trails and exploring coastal areas, rock climbing, mountain biking, ultimate Frisbee, and paddle boarding/kayaking.

Course fees: Determined annually to cover the cost of smaller scale adventures and the optional multi-day backpacking trips.

Sports Performance Classes

Sports Performance Basketball 10 – 12

YHRA-0BBB/-1BBB/-2BBB

Recommended prerequisite: Prior experience playing basketball is preferred.

- Geared towards the player who wishes to improve their performance.
- Works on basic skills, strategies, and concepts in a fun, high energy, and competitive environment.
- Requires daily demonstration of commitment and focus to improve performance in the sport.

Sports Performance Rugby 10 – 12

YHRA-0BRUG/-1BRUG/-2BRUG

- Focuses on learning the with athletic participation, academic excellence and developments leadership skills.
- Welcomes new students of the game while developing all athletes both physically and mentally towards creating active and well-rounded people.
- Teaches the laws of the game by becoming a certified referee and offers additional opportunities to become a mentor coach for minis rugby.
- Offers learning, developmental and higher performances in the sport.

Sports Performance Volleyball 10 – 12

YHRA-0BVB/-1BVB/-2BVB

Recommended Prerequisite: Prior experience playing volleyball is preferred.

- Geared towards the player who wishes to improve their performance.
- Works on basic skills, strategies, and concepts in a fun, high energy, and competitive environment.
- Requires daily demonstration of commitment and focus to improve performance in the sport.

Grade 11/12

Active Living 11/12

MACLV11/12

- Created as an alternative to the regular PHE program, designed to encourage participation in activities that provide knowledge and promote life-long health and fitness.
- Engages students in deciding the course content which will be correlated to course outcomes.
- Typical activities include yoga, pilates, core workouts, teambuilding, minor games, aerobics, and more.

Fitness & Conditioning 11/12

MFTCD11/12

- Geared towards a self-motivated and independent student who wants to improve their fitness levels.
- Opportunities available to explore a variety of strength and conditioning activities while developing an understanding of how to implement a personalized training plan.
- Explores how our bodies move and function, as well as how making healthy choices can help us reach our health and fitness goals.

Integrated Physical Education 11/12 (Recreation)

YLRA-1N/YHRA-2D

- Works collaboratively with students in the STRIDE and EXCEL programs to create successful experiences within an active movement environment.
- Focuses on building physical fitness and motor/social skills while developing a greater sense of community amongst all involved.
- Focuses on a variety of movement activities.
- Limited enrolment and students will be carefully considered for their suitability as school leaders.
- Successful completion of this course will provide the equivalent of a senior level PHE elective credit.

Physical & Health Education 11/12 (Active Living – Multi Sports)**MACLV11MS/12MS**

- Designed for the student who wishes to engage in daily physical activity.
- Instruction will take place in a variety of individual and team related games or sports.
- Optional opportunities to participate in community-based activities may be provided based on interest (ex. Golf, Bowling, Archery, Axe Throwing, Frisbee Golf, etc.).

Science**Marine Biology 10****YPLS-0B**

- Dives into the wonders of the ocean and explores diverse sea life, habitats, and ecosystems while discovering exciting careers in marine sciences. You will study:
 - Marine mammals such as dolphins, seals, and whales;
 - Marine ecology, food webs, plankton, and seaweed;
 - Extreme environments like the abyss and hot vents;
 - Dissection of organisms such as sharks; and
 - Beach studies and tide pool investigations.

Course fee:

Field trips ensuring exciting real-world experiences (largely funded through a \$50 course fee, with possible additional student costs).

Social Studies**Psychology 12****YPSYC2A**

- Explores how our brains interact with our bodies in meaningful ways.
- Get greater understanding of why people behave in certain ways.
- Discover how various forms of motivation drive us to action.
- Understand how emotions impact the way we think and act.
- Be introduced to various theories on personality.
- Learn about the effects of stress in our lives and how to deal with it in healthy ways.
- Be able to identify symptoms, behaviours and treatments for a variety of psychological disorders.

Note: This course does not meet graduation or post-secondary requirements.

Choice Programs

Students may choose unique courses from the list below. Note that these courses have requirements that exceed those listed in previous sections of this guide.

Requirements range from application and acceptance guidelines (Academies) to a specific commitment to either a yearlong participation and/or scheduling outside of the regular Timetable (OTT).

Academies

Students interested in academies at Royal Bay require:

- Registration via [SD62 Academies Office](#);
- Audition/skills assessment;
- Recommendation from your present Vice-Principal; and
- Academy specific fees.

Official acceptance into an SD62 Academy at Royal Bay Secondary School is determined and communicated by the Royal Bay Administration Team **only**.

Registration into an Academy via the SD62 Academies Office does **not** constitute acceptance into any Royal Bay Academy.

The following academies are hosted at Royal Bay:

- **Dance Academy**
- **Equine Academy**
- **Golf:**
 - Golf Academy – Learn to Compete
 - Golf Academy – Learn to Play
- **Lacrosse:**
 - Lacrosse Academy (Boys)
 - Lacrosse Academy (Girls)
- **Mountain Bike Academy**
- **Soccer Academy**

For detailed and up-to-date information regarding our District Academy programs, please visit our [District Academies site](#).

ADST: Home Economics & Culinary Arts

Culinary Arts 10 – 12 (Mornings; Before School)

MCUL-10AM/-11AM/-12AM

This is a **yearlong** course offered **outside the timetable, in the mornings before the start of regular classes**.

- Offers leadership roles in the kitchen to assist in the running of the before school meal program.
- Opportunities to develop leadership skills by leading a kitchen station.
- Focuses on executing the morning meal service for the school prior to the start of regular classes.
- Provides students the opportunity to develop employability skills such as time management, leadership and working to a deadline.

Sustainability 12

YRNR-2A

This **yearlong** course is offered **outside the timetable**.

- Explores how to grow food in a regenerative, small-scale manner and will help you:
 - Understand how to grow and maintain a variety of fruits, vegetables, and native plants;
 - Plan for year-round growing in our school garden;
 - Build soil through regenerative practices, such as green mulching and polycultures;
 - how to store and process food crops; and
 - Participate in building food security and climate resilience in our community.

ADST: Information & Communications Technology

Yearbook 10 – 12

YCCT-0AYB/YCCT-1AYB/YCCT-02AYB

This **yearlong** course is offered **inside the timetable**.

Requires an application and instructor’s permission.

- Aims to create thoughtful writing, engaging graphics, and striking images.
- Uses professional tools to create a professional quality book. In achieving the finished product, students will:
 - Develop skills in Adobe Creative Cloud (CC) including Photoshop and InDesign;
 - Acquire skills in digital SLR photography, page layout, journalism, and graphic art/design that are invaluable for entering the work force or post-secondary education;
 - Improve their written and oral communication skill; and
 - Exercise leadership and teamwork skills in a creative and fun environment.
 - The course meets both the Fine Arts and Applied Skills requirement.

Arts Education

Drama

Theatre Production 10-12

MDRD-10, MDRTP11/12

This **yearlong** course is offered **outside** the timetable.

- Works alongside the performance company and offers students the opportunity to be a part of the back-stage crew during the run of our major yearly production.
- Students will:
 - Explore the different areas of backstage work including lighting, sound, costumes, stage management, props, set design, and scenic painting;
 - Learn about and undertake a theatre design project;
 - Choose a backstage area and develop technical skills related to that “crew”; and
 - Learn about and participate in the technical theatrical process and the show run of our yearly theatrical production.

Note: This is an intensive class which requires a high level of commitment and excellent attendance. As showtime approaches, students are required to put in time beyond regular class hours.

Music: Instrumental, Vocal & Performing

Concert Band 11/12

MIMCB11/12

Recommended Prerequisite: Band 10 or permission of the Instructor.

This is a **yearlong** course offered **outside the timetable**.

- Within the Concert Band setting (woodwinds, brass and percussion), musical and instrumental skills will be developed through the rehearsal and performance of exciting and lyrical music from the traditional Concert Band works to present day.
- Ensemble rehearses together twice a week with the goal of becoming a cohesive musical unit through both

individual and group effort.

- Continues to develop understanding of music theory.
- Extracurricular rehearsals and festival/community performances will be required throughout the year.

Choral Music (Concert Choir) 10 – 12

MMUCC 10/MCMCC11/12

This is a **yearlong** course offered **outside the timetable**.

- Entry-level performance-based ensemble for new singers, and challenges for experienced singers.
- Develops musicianship and a love of singing while making friends.
- Participation in festival and community performances throughout the year.
- Rehearses and performs a wide variety of styles of choral music to increase confidence and skill singing in 3 and 4-part harmony.

Jazz Band 10 – 12 (R&B Band)

YVPA-OFJBA/-1FJBA/-2FJBA

This is a **yearlong** course offered **outside the timetable**.

Requires instructor's permission.

- Brings vocalists, horn players and rhythm section players together with the goal of becoming a tight sounding band that lays down classic R&B grooves of the 60s and 70s.
- Three-part harmonies, great horn licks, timeless tunes and gigs around the community are all a part of this exciting band at Royal Bay.
- Offers both a junior and senior group.

Career Education

Career Commons Educators assist students in the following areas:

- Work experience placements (job shadows, informational interviews and 30 hours of non-paid placements);
- Career exploration events like campus open houses, industry tours and career fairs;
- Resume building;
- Basic employability skills like cover letters, work ethic, interviews, portfolios;
- Career Education requirements;
- Paid and volunteer opportunities;
- Work Experience 12A and 12B;
- Youth Work in Trades;
- Dual Credit Programs and courses in partnership with Camosun College and Vancouver Island University;
- School District sponsored Youth Train in Trades programs; and
- [SkilledTradesBC](#) supported, Youth Work in Trades courses.

For more information, please visit our [website](#) or stop by in person.

South Island Partnership (SIP): Dual Credit (DC) and Trades (TASK) Courses

Students may earn College/University credits while in high school through the SIP Program. Students wishing to have access to first year College/University courses through SIP must ensure prerequisites are met and course seats are available. Courses will only run if there are enough registrants. For more information on Dual Credit course offerings and the South Island Partnership, please contact the Career Centre.

Camosun College Application Fee: Approx. \$50 (determined by Camosun College)

International Students: \$550

Please Note: School transcripts of students who register for a Dual Credit course are assessed by the Career Centre. Students approved for the courses will have application packages emailed to parent/guardians.

| Curricular Area | Grade 12 Course/Dual Credit Course |
|----------------------|--|
| Business Education | <ul style="list-style-type: none"> Accounting 12/Accounting 110: Financial Accounting |
| English | <ul style="list-style-type: none"> English 12/English 151: Academic Writing Strategies |
| Math | <ul style="list-style-type: none"> Calculus 12/Math 100: Calculus |
| Science | <ul style="list-style-type: none"> Anatomy and Physiology 12/Biology 126: Physiological Basis of Life |
| Social Studies | <ul style="list-style-type: none"> Human Geography 12/Geography 111: Natural Hazards Psychology 12/Psychology 130: Contemporary Issues |
| Technology Education | <ul style="list-style-type: none"> TASK Construction: Youth Trades Sampler |
| Visual Arts | <ul style="list-style-type: none"> Art Studio 12/Art 102: Introduction to 2D Art Making |

Dual Credit Course Descriptions

Business Education

Accounting 12/Accounting 110: Financial Accounting MACC-12DC

Required Pre-requisite: 60% in English 12

- Completes all the steps of the accounting cycle culminating in the preparation and analysis of financial statements for sole proprietorships.
- Topics include: accounting principles, cash, receivables, inventory, capital assets, current liabilities and owner's equity.
- Offered in partnership with Camosun College, students may earn credit in both Accounting 12 at Royal Bay and Accounting 110 at Camosun.
- Check [BC Transfer Guide](#) for course transferability.

English

English 12/English 151: Academic Writing Strategies MENST-12DC

Required Pre-requisite: 86% in English 11

- Supported by both a Camosun College instructor and an RBSS teacher, students will experience the rigour of a post-secondary English course, framed within the high school semester.
- Provides core critical thinking, reading, research and writing skills transferable to all academic disciplines.
- Students will practise various forms of academic writing, including summary, critical analysis, and written research. Analysis of textual rhetoric, discourse, and style, along with academic essay-writing, develops self-awareness of methods of inquiry, critique, and reflection.
- Offered in partnership with Camosun College, students may earn credit in both English Studies 12 at Royal Bay and English 151 at Camosun.
- Check [BC Transfer Guide](#) for course transferability.

Mathematics

Required Pre-requisite: 73% in Pre-Calculus 12

- Taken in conjunction with Calculus 12, in Semester 2 only.
- Supported by both a Camosun College instructor and an RBSS teacher, students will experience the rigor of a post-secondary calculus course, framed within the longer high school semester.
- Offers an in-depth understanding of the theoretical elements of introductory calculus, as well as its applications (instructor's choice).
- Covers graphing functions, solving problems involving rates of change, finding the area between curves, and more.
- Offered in partnership with Camosun College, students may earn credit in both Calculus 12 at Royal Bay and Math 100 at Camosun.
- Check [BC Transfer Guide](#) for course transferability.

Science

Anatomy & Physiology 12/Biology 126: Physiological Basis of Life

MATPH12DC/PB--2A

Required Pre/Co-Requisite: 60% in English 12 and 80% in Life Science 11 (Biology)

- Explores structures and functions of macromolecules, storage of information and replication of DNA as well as the role of DNA in protein synthesis and inheritance are described and related to the functions of whole organisms.
- Discusses transport mechanisms, basic metabolism and hormonal and nervous regulation of function.
- Presented in 42 hours of lecture material during class time and 10 laboratory sessions.
- Requires travel to Camosun (Lansdowne Campus, Fisher Building) for 4 labs after school (one evening per week during semester 1).
- Offered in partnership with Camosun College, students may earn credit in both Anatomy & Physiology 12 at Royal Bay and Biology 126 at Camosun.
- Check [BC Transfer Guide](#) for course transferability.

Social Studies

Human Geography 12/Geography 111: Natural Hazards

MHGEO12DC/PB--2A

Required Pre-requisite: 67% in English 12

- Introduces physical geography by examining the natural environmental processes behind hazards like earthquakes, storms, landslides and floods.
- Examines how human development and planning can turn hazards into disasters, or effectively mitigate them.
- Emphasizes current events.
- Introduces labs with physical geography techniques in a hazards context.
- Offered in partnership with Camosun College, students may earn credit in both Human Geography 12 at Royal Bay and Geography 111 at Camosun.
- Check [BC Transfer Guide](#) for course transferability.

Psychology 12/Psychology 130: Contemporary Issues

YPSYC2ADC/PB--2A

Pre/Co-Requisite: 60% in English 12

- Explains the major contemporary issues in psychology and considers their historical antecedents.
- Topics include:
 - Life span development;
 - Personality;
 - Abnormal behaviour;

- Social cognition; and
- Social influence.
- Offered in partnership with Camosun College, students may earn credit in both Psychology 12 at Royal Bay and Psychology 130 at Camosun.
- Check [BC Transfer Guide](#) for course transferability.

Technology Education

TASK Construction - Youth Trades Sampler

Note: This is a full time course encompassing all 4 blocks in 1 semester.

- Gain valuable hands-on skills in the Trades Awareness Skills & Knowledge (TASK) program offered in partnership with Camosun College.
- Build skills and structures while working outside on sheds and other projects.
- Explores construction and mechanical trades with units in carpentry, electrical, plumbing and metal trades.
- Earn industry certifications such as Fall Protection, Confined Spaces Entry, and WHMIS.
- Develop employability skills during a trades related work experience.

Credits: 20 high school credits

Material cost: Steel toed boots

Applications can be picked up in Career Commons.

Visual Arts

Studio Art 12/Art 102: Introduction to 2D Artmaking

MVAST12DC/PB--2A

Pre/Co-Requisite: English 12

- Benefits from expert instruction provided by a Camosun College instructor who will guide you through various aspects of art.
- Explores a wide range of artistic styles, from traditional to contemporary, to enhance artistic abilities.
- Develops a unique and personalized artistic style that truly reflects your individuality.
- Offered in partnership with Camosun College, students may earn credit in both Studio Art 12 at Royal Bay and Art 102 at Camosun.
- Check [BC Transfer Guide](#) for course transferability.

South Island Partnership (SIP): Pathways for Dual Credit Students

All of these [programs](#) take place at Camosun College and range from 16 to 32 high school credits depending on the program. Grade 10 and Grade 11 is the ideal time to plan for a Pathway Program so that prerequisites for the program and credits for graduation are met. A non-refundable fee is required for registration into these programs.

Tuition for these courses can be covered by the Sooke School District if:

- Prerequisites are met;
- An application is submitted;
- Seats are available in the program; and
- Program is started prior to graduation.

Visit the Career Commons or speak to your counselor if you are interested or would like more information.

Work Experience

Work Experience 12A/12B

MWEX-2A/MWEX-2B

- Offered to students in Grade 11 and 12 and provides 4 credits per course.
- Requires a minimum of 90 hours of work experience in school-approved work placements for each

course.

- May also use hours from a current job after registering for the course and completing a Training Plan.
- Coupled with hours spent in the workforce, students must complete assignments on self-assessment, job seeking skills, career planning and post- secondary education and training.
- Opportunity for students to develop employability skills.
- Scheduled **outside** the timetable.
- See the Career Commons for more information.

Youth Work in Trades

Youth Work in Trades

MWRK-1A/MWRK-1B, MWRK-2A/MWRK-2B

Are you currently working in a trade with a qualified tradesperson? If so, you could be eligible for 16 high school credits.

Youth Work in Trades (WRK) allows students to receive high school credits for paid workplace-based training. Four credits are earned for every 120 hours worked, for a total of 16 credits (480 hours). Students participating in the Youth Work in Trades program are registered with the Industry Training Authority (ITA) as apprentices and obtain “time in trade” hours that count towards the completion of the on-the-job portion of an Industry Training Program.

Youth who work in trades that carry on working in the industry can also qualify for a \$1000 scholarship.

Registered WRK students who have completed a minimum of 480 work-based training hours may be able to enroll in a Camosun College Level 1 technical training program through the South Island Partnership which will pay for the tuition and earn students more graduation credits. Please see the Career Commons for more information.

HUB: Online Courses at Royal Bay

Students have two options when it comes to taking online classes at Royal Bay. The first being to register for a HUB block, where you will attend daily. The second is to register in an online only course (HOL), where you take this outside of the timetable. Online courses are accessed through our Learning Management System, Brightspace.

HUB

- Offers a quiet workplace where students come in and work on their online courses in a self-paced manner.
- Provides flexible deadlines giving students the option to take more time when needed, or progress faster, with the goal of still completing courses within one semester.
- Receive daily support from teachers face to face.
- Provides opportunity for students who want more flexibility and are successful working independently.

HOL

- Provides the opportunity to complete courses independently in a self-paced manner outside the timetable.
- Provides flexible deadlines giving students the option to take more time when needed, or progress faster, with the goal of still completing courses within one semester.
- Receive virtual support from teachers (email, Microsoft Teams).
- Provides opportunity for students who want more flexibility and are successful working independently.
- Flexible test writing options for supervised tests.

Leadership

Athletic Leadership 10 – 12

YCPA-OAATH/-1AATH/-2AATH

- Designed to develop leadership skills by contributing to the school and/or community in the areas of athletics and sport.

- Offers students the chance to be active regularly in both individual and team-based sports, as well as classroom learning and practical experiences.
- Includes:
 - Earning certification as a referee in school-based sports (e.g. volleyball, soccer, or basketball);
 - First Aid/CPR and Athletic Injury Training;
 - Planning and running intramural activities;
 - Volunteering for school-based sporting events or local sports organizations; and
 - Earning NCCP or coaching certification in their sports of choice.
- Requires completion of volunteer hours (the majority of which will be provided during the balance of the school day) throughout the duration of the course to contribute to a variety of athletic events.
- Provides students with a positive and enjoyable environment within which they can explore both their leadership potential and passion for physical activity.

Global & Intercultural Experience 11/12 (GISP)

YAES-1D/-2D

This **yearlong** course is offered **outside the timetable**.

- An advanced level course that develops a student's intercultural skills.
- Guides reflection on personal worldviews and culture as well as those of others.
- Completes a major project that demonstrates learning in this area.

Grad Council 12

YCPA-2CGRA

This **yearlong** course is offered **outside the timetable**.

- A Grade 12 focused leadership class with two main purposes: to fund raise (i.e. pizza/candy sales, 50/50 ticket sales) and organize grad activities (i.e. Ski trip, skating, Grad clothing) for all graduating students.
- Requires attendance at regular meetings and volunteering for several student committees that are responsible for Grad activities.

Intercultural Communication & Appreciation 10

YEAS-0A

This **yearlong** course is offered **outside the timetable**.

- Develops an understanding of intercultural communication and appreciation by reflecting on personal worldviews and culture as well as those of others.
- Guides reflection on how volunteer experiences, language studies and academic work, deepens individual understanding and those of cultural backgrounds other than their own.
- Develops critical thinking skills and builds connections between coursework and first-hand experiences.

Leadership 10 – 12

YCPA-OALEA/-1ALEA/-2ALEA

This **yearlong** course is offered **outside the timetable**.

- Provides opportunities for organizing school activities and events, as well as learning about leadership skills.
- Allows students to give back to the school, local, and global communities in a positive manner and have a voice in some of the many exciting things that happen on a daily basis around the school.
- Requires volunteering (mostly during school hours) at a variety of these activities and events in a manner that still allows flexibility in schedules.
- Self-motivation, communication, and a positive attitude are critical to taking part in our leadership program.
- Requires attendance at regular meetings, with the potential for additional meetings added during certain weeks as needed.

Physical & Health Education

Cross Training 11/12 (Mornings; Before School)

YLRA-1FCT/-2FCT

This is course offered **outside the timetable, in the mornings before the start of regular classes**

- Designed to help students with a **high level** of interest in athletics and athletic training.
- Provides opportunities for students to develop, implement, and monitor a seasonal performance plan to

help attain personal peak performances.

- Focuses on training fundamentals, weight and speed/agility training, and goal setting.
- Students should be prepared to demonstrate a high level of focus and commitment, accompanied by a strong daily work ethic.

Fitness & Conditioning 11/12 (Mornings; Before School) MFTCD11/12AM – Need to add flavour

This is course offered **outside the timetable, in the mornings before the start of regular classes.**

- Geared towards a self-motivated and independent student who wants to improve their fitness levels.
- Opportunities available to explore a variety of strength and conditioning activities while developing an understanding of how to implement a personalized training plan.
- Explores how our bodies move and function, as well as how making healthy choices can help us reach our health and fitness goals.

Sports Performance Basketball 10 – 12 (Advanced) YHRA-0BBAV/YHRA-1BBAV/YHRA-2BBAV

Recommended prerequisite: Active or aspiring member of a school or club basketball team, as well as prior basketball experience.

Requires instructor's permission.

- Geared towards the competitive player who wishes to train and expand their skills in a focused and competitive environment.
- Introduces more challenging technical aspects of a variety of skills, while also expects to maintain and refine fundamentals.
- Continued advancement of tactical understanding will be expected in game-play situations.
- Requires a passion for the game and to demonstrate a strong level of personal commitment to development.

Sports Performance Volleyball 10 – 12 (Advanced) YHRA-0BVAV/-1BVAV/-2BVAV

Recommended Prerequisite: Active or aspiring member of a school or club volleyball team, as well as prior experience playing volleyball.

Requires instructor's permission.

- Geared towards the competitive player who wishes to train and expand their skills in a focused and competitive environment.
- Introduces more challenging technical aspects of a variety of skills, while also expects to maintain and refine fundamentals.
- Continued advancement of tactical understanding will be expected in game-play situations.
- Requires a passion for the game and to demonstrate a strong level of personal commitment to development.

Summer Learning

- For students and families interested in Full Credit Gr 10 – 12: Summer Learning opportunities, visit [SD62 Summer Learning](#).