

# **R. C. Palmer Secondary School**



**Program Planner**

**2024- 2025**

# R.C. Palmer Secondary School

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# PRINCIPAL'S MESSAGE

Welcome to R.C. Palmer Secondary School!



In the weeks to come you will be selecting courses for the next school year. You are planning for your future, so you need to make thoughtful decisions. To help you with this, we prepared this Planning Book providing you with information about course planning for the 2024-2025 school year. It includes descriptions of courses and programs within our school as well as information about the Provincial Graduation Requirements.

The secondary school years are designed to provide opportunities for students to explore and learn about a wide variety of areas. Students are encouraged to choose their courses carefully. Program decisions made in the junior grades can significantly influence course selection in the graduation years (grades 10 to 12) and, in turn, the options for post-secondary learning or training.

The program planning at R.C. Palmer is a collaborative effort. All of our staff is dedicated to help you make appropriate choices and achieve your goals. Your counsellor is the first contact for assistance in program planning, someone who can help you to consider your interests and abilities as you plan for the coming school year. Subject area teachers will be able to give you valuable insight into the different courses that are offered. You need to consult with your parents, guardians, and subject teachers before making the final course selections. Your success in school is dependent on taking courses that are geared to your interests and abilities.

While it is important to think about specific goals, and the courses that support these goals, secondary school is often the last learning environment where you will have an opportunity to explore a variety of interesting courses. Consider taking courses from several different subject areas in order to broaden your understanding of the world.

As you read through this Program Planning guide, plan carefully for a successful and interesting 2024-2025 school year.

Mr. H. Ghaug  
Principal

## PURPOSE OF THE PLANNER

This planner is intended to support students and their parents/guardians in choosing the most appropriate courses for the 2024-2025 school year. Some courses must be taken to meet the graduation requirements of the Ministry of Education, while others can be chosen to meet individual interests and goals. This planner describes the requirements of each grade, the content of individual courses, and the various programs and services at R.C. Palmer Secondary.

Timetabling (the number of sections of each course) is based on the course requests made by students in January and February. Therefore, we urge you to choose courses and alternatives carefully, keeping in mind the following factors:

- Elective courses will be offered only if there is sufficient enrolment to justify a class. The possibility arises that a student may select a course that cannot be scheduled. In this case, the student will be given an alternate elective, suitable for his/her timetable. **Make sure to provide thoughtful alternate selections when you are course planning.**
- **Once the master timetable is built, course changes become much more difficult; therefore, it is very important that the selection of courses be done carefully.** Upon receipt of this planner, students and parents/guardians should examine the book thoroughly, then discuss the choice of courses together, and consult teachers or counsellors if necessary.
- Students in the Graduation Program (Gr. 10-12) need to plan their courses with career and/or post-secondary programs in mind. If students are in doubt about future academic or career directions, they should choose courses that allow them as many options as possible.
- Counsellors and the departments involved will review requests for English Language Support.
- Some BC Universities require students to complete a Modern Language to the grade 11 level for admission. See the specific post-secondary institution's website for updated details.
- For details on post-secondary options please go directly to the Post-Secondary institution website, and/or check in with a counsellor.
- All students are expected to take eight courses. Students in grade 12 may apply for a study block as one of their eight courses.

It is essential that students consider the task of choosing courses as a major responsibility because the choices that they make determine the master timetable. The following steps are used to build Palmer School's master timetable:

- a. Students determine their compulsory courses and choose their elective courses using this Course Planning guide to assist them. Students will enter course requests directly online during a class tutorial.
- b. The requests for each course are tallied and that information is used to determine how many blocks to build for each course. Courses with too few student requests will be cancelled. Students who have requested a course that gets cancelled will then be programmed into their alternate elective choice.
- c. The master timetable is built using the numbers of blocks for each course as determined by student requests

# SCHOOL INFORMATION

## **Mission Statement**

The purpose of R.C. Palmer Secondary School is to provide opportunities, which will enable all learners to develop their individual potential, and to acquire the knowledge, skills and attitudes needed to become educated citizens.

An Educated Citizen is one who:

- respects the dignity of self and others
- has a broad knowledge base
- is able to appreciate and to contribute to creative expression
- is able to reason, to think critically, and to communicate
- is able to make decisions through evaluation and analysis of information
- is committed to intellectual, emotional and physical well-being
- is curious, self-motivated, and committed to life-long learning
- is flexible and has skills necessary for the world of work
- understands and practices the rights and responsibilities of an individual within the family, community, Canada and the world.

## **Timetable**

The timetable is currently organized in two Semesters (September to January and February to June). Students are enrolled in 4 courses during each Semester. Start and end times for the day, as well as important dates for the school year can be found on the website. All information is updated on our school website daily. Please note that the structure of our timetable may change based on health and safety guidelines given by public health.

## **Course Load**

All students must carry a full schedule of classes – 8 classes per year. Any exceptions to the full load requirement must be approved by your counsellor or the school administration.

## **Costs Associated with Courses**

Basic supplies required to fulfill learning outcomes in all courses will be provided to students free of charge. Should students wish to use other or additional supplies, these may be purchased directly or through the school on a cost-recovery basis. Students wishing to take home or consume completed project work may do so on a cost-recovery basis. Students will be asked to pay costs in connection with optional field trips.

## **Attendance**

There is a school expectation that students attend all classes in which they are registered and attend them on time. It is well established that poor or inconsistent attendance is directly related to a lower degree of academic success. In compliance with the Health and Safety requirements, if a student does the Daily Health check and has any symptoms, they are advised to stay home and contact their teacher directly to make up missed work.

## **Textbooks**

Subject teachers issue textbooks. There is a charge for school texts if they are returned with more than normal wear. Students will be billed for their repair or replacement. There is also a charge for lost textbooks.

# IMPORTANT DATES

<u>For Current Grade 7 Students</u>	<u>For Current Grade 8 - 11 Students</u>
January 15-19 ..... Counsellors Visit Elementary Schools	February 1 ..... Gr 8-11 Program Planning
January 25 ..... Parent Mtg, 6:30 pm	February 9 ..... Course Selection Forms Due
January 26 ..... Course Selection Forms Due	
May 21 ..... Palmer Orientation Tours (Feeder/Non Feeder)	

# STUDENT SERVICES

The goal of Student Services at Palmer is to assist students in being successful in all aspects of their schooling as a result of positive and meaningful experiences in school.

## COUNSELLING

### **Counselling Services**

Students are assigned a specific counsellor for the purpose of support and academic guidance. Students whose last names begin with the letters A-Hu see Ms. Gill, and Huang-Q see Ms. Lai and R-Z see Mr. Plut. Students may choose to work with whichever counsellor if they prefer. Counsellors will check each student's records as they progress towards graduation and advise individuals accordingly.

Counselling services include the following:

### **Program Planning**

Program planning for the fall begins in the previous spring. Counsellors begin by visiting elementary schools to assist Grade 7 students who will be coming to Palmer in the fall. Also, counsellors will work with Grade 8-11 students at Palmer to help students plan programs that suit their needs and interests, as well as their post-secondary plans. Additionally, counsellors and administrators host informational evenings for parents. We encourage all parents to attend and participate actively in their child's program planning.

### **Educational Support**

- Course planning leading to graduation, post-secondary education and employment.
- Arranging assistance for students experiencing academic difficulties.
- Connecting with other staff in the school to support students together.
- Making referrals to district education programs as needed.
- Providing scholarship and post secondary information.

### **Career Planning**

- Advising students regarding career paths.
- Assisting students in their search for prerequisite courses and requirements for various occupations.

### **Personal Support**

- Counselling involving personal, home or school problems, and referrals to appropriate agencies.
- Resolution of problems arising from difficulties related to class or school routines and policies.

# STUDENT SERVICES - Continued

## **CAREER RESOURCE CENTRE**

Career, scholarship, post-secondary and apprenticeship information is available in the Career Resource Centre. Some of the services that are provided to students and parents/guardians include access to:

- Interactive Career and Post-Secondary computer exploration programs. ie. myBlueprint and Education planner
- Admission guides and information for post-secondary institutions from B.C. and other Canadian provinces
- Post-Secondary entrance exam information. i.e TOEFL, SAT, PSAT, ACT, Duolingo
- Information on Scholarship programs and applications
- Accessing volunteer and leadership experience opportunities.
- Future job and labour market trends
- Student Loan information

Visit Ms. Mayer's [Career Centre Page](#) for further information on current post-secondary, scholarship and career information. Ms. Mayer Career Centre [Facebook Page](#)

The Career Information Advisor and Counsellors work closely in providing up to date information to students, teaching staff, and parents. Students may access this service through their counsellor or the Career Information Advisor.

## **LEARNING STRATEGIES**

Learning strategies is a class that provides students the space to explore, identify, and develop individualized strategies with the purpose of increasing academic abilities, organization, self-regulation skills and independence. Students with learning strategies blocks are guided on how to become strong self-advocates and ask for support in their learning. Students interested in registering for a learning strategies block for the first time can contact their counsellor for more information.

## **Creating Opportunities for Reflection and Enrichment Level 1 (CORE)**

In CORE Level 1, students prepare for success in high school by developing their self-regulation, social-emotional, communication, and self-advocacy skills. Students are also supported in their individualized goals in the areas of literacy and numeracy. Students interested in this class must be on the path to an Evergreen Certificate or an adult Dogwood Diploma and receive pre-approval from their case manager and counsellor.

## **Creating Opportunities for Reflection and Enrichment Level 2 (CORE)**

In CORE Level 2, students prepare for life after high school by exploring post-secondary options, self-identity, mental and physical health, and social communication skills. Students are also supported in their individualized goals in the areas of literacy and numeracy. Students interested in this class must be on the path to an Evergreen Certificate or an adult Dogwood Diploma and receive pre-approval from their case manager and counsellor.

## **ACCESS PROGRAM**

The ACCESS program is a learning program where students focus on the development of their independence in the high school context and are working towards an Evergreen Diploma or an adult Dogwood. This is an individualized program, with goals centered around literacy, numeracy, communication, and social emotional regulation. Students interested in this class must receive pre-approval from their case manager and counsellor.

## **RCMP SCHOOL LIAISON PROGRAM**

Palmer Secondary participates in the RCMP School Liaison Program. The purpose of the program is to enhance the working relationship between the police force, school and community. The School Liaison Officer is available as a resource person for staff, students, and parents/guardians and can provide general information regarding police related matters. Contact with the RCMP Liaison Officer can be made through the main office.

## **FOOD SERVICES**

The Palmer School cafeteria, "The Griffery", is under the direction of Canuel Caterers. Excellent food at reasonable prices is offered to the students.

## **HEALTH SERVICES**

A public health nurse from the Richmond Health Department provides health promotion services. The nurse acts as a resource person to counsellors, staff, parents, and students around all different health issues. To contact the school nurse, a message may be left at the front office.

# ENGLISH LANGUAGE LEARNING (ELL)

English Language Learning programs at Palmer help students develop fluency and literacy in English and enhance their skills in reading, writing, speaking and listening. As stated in the Richmond School Board's ELL Guidelines, the goals of the ELL program are as follows:

- a) To attain competency in listening, speaking, reading and writing in English.
- b) To assist students with their integration into the regular curriculum.
- c) To assist students in developing an appreciation for the multicultural nature of Canadian society.
- d) To prepare students to contribute successfully to Canadian society.

Students are programmed according to their level of language skills. The Richmond School Board determines ELL levels and school-based tests. Students receive language support according to their ELL level.

## **ELL Program Organization**

The ELL programs for students will depend on their ELL level:

Level 1: Grade 8: 3 blocks of ELL, Math, PHE, Applied Design, Skills & Technology, 2 electives

Level 1: Grade 9-12: 3 blocks of ELL, Math, Science, PHE\*, 3 electives

Level 2: Grade 8: 3 blocks of ELL, Math, Science, PHE, Applied Design, Skills & Technology, 1 elective

Level 2: Grade 9-12: 3 blocks of ELL, Math, Science, PHE\*, 2 electives

Level 3: Grade 8: 2 blocks of ELL, Math, Science, Humanities 8 (2 blocks), Applied Design, Skills & Technology, PHE

Level 3: Grade 9-12: 2 blocks of ELL, Math, Science, Social Studies, PHE\*, 2 electives

Level 4: 1 block of ELL, English, Math, Science, Social Studies, PHE\*, 2 electives

Level 5: Regular program and ELL Pull-out support

\*PHE is required in grades 8, 9 & 10

\*ELL 3, 4 students in Grade 11 take Career Life Education





# ENGLISH LANGUAGE LEARNING (ELL)

## ELL Descriptions

**ELL 1/2 Writing:** The focus of this course is to develop the foundation of writing through learning the structure of sentence and paragraphs as well as learning grammar and building vocabulary. Students will practice writing on a variety of topics for projects and assignments.

**ELL1/2 Reading:** Students will develop beginner's language proficiency in reading, listening, speaking, and writing through reading a variety of texts such as stories, news articles, graphic novels and textbooks.

**ELL1/2 Social Studies & Science:** Students will develop beginner's proficiency in English through studying social studies and science content. Through the study of basic topics, grammar concepts and a focus on vocabulary building, students will develop skills in areas of speaking, listening, reading and writing.

**ELL 3 Writing:** The focus of this course is to improve writing skills. Students will practice academic and creative writing on a variety of topics. This will help to establish a good foundation in English grammar while building vocabulary.

**ELL 3 Reading:** The focus of this course is to improve reading and vocabulary skills. Students will read various texts, fiction and non-fiction, including topics in social studies and English literature and will learn useful reading strategies to help improve reading comprehension.

**ELL 4:** This course is designed to help advanced ELL learners further strengthen their overall English proficiency. Students will have a chance to work on various types of writing on a variety of topics through individual and group projects and assignments including presentations.

**ELL 5:** Individual language support will be provided on request by a student or the advice of a subject teacher. An essay writing assignment will be given to students in each quarter.

## ELL Promotion Criteria

The ELL teachers evaluate students on an ongoing basis. At the end of the school year, the ELL Department determines placement based on school and district testing, as well as performance in in-class projects and activities that promote the goals of each respective level.

A positive attitude, perseverance and immersion into English speaking activities contribute to the overall success of the student's language acquisition.



# ENGLISH LANGUAGE LEARNING (ELL)

**ALL STUDENTS MUST HAVE 8 BLOCKS IN THEIR TIMETABLE**

## Grade 8

BLOCK	ELL 1	ELL 2	ELL 3	ELL 4	ELL 5
1	ELL 1	ELL 2	ELL 3	ELL 4	Math 8
2	ELL 1	ELL 2	ELL 3	Math 8	Science 8
3	ELL 1	ELL 2	Math 8	Science	Humanities 8
4	Math 8	Math 8	Science 8	Humanities	Humanities 8
5	PE 8	Science 8	Humanities 8	Humanities 8	PHE 8
6	Applied Design Skills Tech 8	PHE 8	Humanities 8	PHE 8	Applied Design Skills Tech 8
7	Elective*	Applied Design Skills Tech 8	PHE 8	Applied Design Skills Tech 8	French 8
8	Elective*	Elective*	Applied Design Skills Tech 8	Elective*	Elective*

**\* In Grade 8, students may choose their Arts Education elective from the following: Art/Drama or Music**

## Grade 9

BLOCK	ELL 1	ELL 2	ELL 3	ELL 4	ELL 5
1	ELL 1	ELL 2	ELL 3	ELL 4	Math 9
2	ELL 1	ELL 2	ELL 3	Math 9	Science 9
3	ELL 1	ELL 2	Math 9	Science 9	Socials 9
4	Math 9	Math 9	Science 9	Socials 9	English 9
5	PHE 9	Science 9	Socials 9	English 9	PHE 9
6	Elective*	PHE 9	PHE 9	PHE 9	Elective*
7	Elective*	Elective*	Elective*	Elective*	Elective*
8	Elective*	Elective*	Elective*	Elective*	Elective*

**\*Students are encouraged to complete at least one Arts Education elective and one Applied Design, Skills & Technology elective in Grade 9**

## Grade 10

BLOCK	ELL 1	ELL 2	ELL 3	ELL 4	ELL 5
1	ELL 1	ELL 2	ELL 3	ELL 4	Math 10
2	ELL 1	ELL 2	ELL 3	Math 10	Science 10
3	ELL 1	ELL 2	Math 10	Science 10	Socials 10
4	Math 10	Math 10	Science 10	Socials 10	An English 10
5	PHE 10	Science 10	Socials 10	An English 10	PHE 10
6	Elective*	PHE 10	PHE 10	PHE 10	Elective*
7	Elective*	Elective*	Elective*	Elective*	Elective*
8	Elective*	Elective*	Elective*	Elective*	Elective*

**\*Students must complete at least one Arts Education elective and one Applied Design, Skills & Technology elective over the course of Gr. 10-12.**

## Grade 11

BLOCK	ELL 1	ELL 2	ELL 3	ELL 4	ELL 5
1	ELL 1	ELL 2	ELL 3	ELL 4	Math 10 or 11
2	ELL 1	ELL 2	ELL 3	Math 10 or 11	Science 10 or 11
3	ELL 1	ELL 2	Math 10 or 11	Science 10 or 11	Socials 10 or 11
4	Math 10 or 11	Math 10 or 11	Science 10 or 11	Socials 10 or 11	Career Education
5	Elective*	Science 10 or 11	Socials 10 or 11	Career Education	Literary Studies 11
6	Elective*	Elective*	Career Education	An English 10 and/or	Elective*
7	Elective*	Elective*	Elective*	Literary Studies 11	Elective*
8	Elective*	Elective*	Elective*	Elective*	Elective*

**\*Students must complete at least one Arts Education elective and one Applied Design, Skills & Technology elective over the course of Gr. 10-12.**

## Grade 12

BLOCK	ELL 1	ELL 2	ELL 3	ELL 4	ELL 5
1	ELL 1	ELL 2	ELL 3	ELL 4	English Studies 12 or English First Peoples 12
2	ELL 1	ELL 2	ELL 3	Math 10 or 11	Elective 12
3	ELL 1	ELL 2	Math 10 or 11	Science 10 or 11	Elective 12
4	Math 10 or 11	Math 10 or 11	Science 10 or 11	Socials 10 or 11	Elective 12
5	Elective*	Science 10 or 11	Socials 10 or 11	Career Life Connections	Career Life Connections
6	Elective*	Elective*	Career Life Connections	An English 10 and/or	Elective*
7	Elective*	Elective*	Elective*	Literary Studies 11	Elective*
8	Elective*	Elective*	Elective*	Elective*	Elective*

**\*Students must complete at least one Arts Education elective and one Applied Design, Skills & Technology elective over the course of Gr. 10-12.**

# GRADUATION PROGRAM AND COURSE SELECTION

## Grades 8 & 9 - Intermediate Program

<p><b>GRADE 8</b>                  Each student in Grade 8 takes the following subjects:  <b>Humanities 8 (En/SS) (2 blocks)</b>  <b>Mathematics 8</b>  <b>Science 8</b>  <b>Physical &amp; Health Education 8</b>  <b>Applied Design, Skills &amp; Technology 8 (Home Ec./Technology Ed.)</b>  <b>French 8</b></p> <p>In addition each student chooses one elective from the following list:  <b>Art and Drama 8</b>  <b>Band 8</b></p>	<p><b>GRADE 9</b>                  Each student in Grade 9 takes the following subjects:  <b>English Language Arts 9</b>  <b>Mathematics 9</b>  <b>Science 9</b>  <b>Social Studies 9</b>  <b>Physical &amp; Health Education 9</b></p> <p style="text-align: center;"><b>Plus 3 Electives</b></p> <p>Students in Grade 9 select elective courses based upon interest and past achievement and should include at least one Arts Education and one Applied Design, Skills and Technology Course.</p>
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## Grades 10, 11 and 12 - Graduation Program

The following is a list of the minimum required courses needed for graduation. Students require 80 credits to graduate (52 credits from required courses plus 28 elective credits). Of these 80 credits, a minimum of 16 credits must be at the Grade 12 level. Most R.C. Palmer students will graduate with more credits, determined in part by post-secondary plans.

Under these requirements, the average student program might look something like this:

<b>REQUIRED COURSES:</b>	<b>52 Credits</b>
An English Language Arts 10	4 credits
Literary Studies 11	4 credits
English Studies 12 or English First Peoples 12	4 credits
Social Studies 10	4 credits
Explorations in Social Studies 11 or a Social Studies 12 course	4 credits
Science 10	4 credits
A Science 11 or 12	4 credits
A Mathematics 10	4 credits
A Mathematics 11 or 12	4 credits
Physical & Health Education 10	4 credits
An Arts Education OR Applied Design, Skills & Technology 10-12	4 credits
Career Life Education	4 credits
Career Life Connections & Capstone	4 credits
<b>PLUS - Elective courses</b>	<b>28 credits</b>
Included in the above courses must be a minimum of <b>16 credits</b> at the <b>Grade 12</b> level including <b>English Studies 12</b> . English First Peoples 12 and BC First Peoples 12 both meet the requirement of a 4 credit Indigenous Focused course for all students graduating in BC. All ministry-authorized and Board/Authority-Approved (BAA) courses count.	

<b>Grade 10</b>	
An English Language Arts 10	
Science 10	
Social Studies 10	
A Mathematics 10	
Physical & Health Education 10	
An Arts Education OR Applied Design, Skills & Technology Elective 10-12	
Elective	
Elective	

<b>Grade 11</b>	
Literary Studies 11	
Explorations in Social Studies 11	
A Mathematics 11	
Career Life Education	
A Science 11	
Elective	
Elective	
Elective	

# GRADUATION PROGRAM AND COURSE SELECTION

Grade 12	
English Studies (12) or English First Peoples 12	
Elective 12	
Elective 12	
Elective 12	
Elective	
Elective	
Elective	
Elective or Study	
Career Life Connections & Capstone	
One Indigenous Focused Course	

## SELECTING COURSES

Here are the steps that should be followed when selecting courses during program planning:

1. Receive the Program Planning presentation and course selection sheet.  
(Note: Program Planning information is now available on the Palmer website)
2. Read the appropriate sections of the booklet.
3. Discuss your choice of courses with your parents, teachers, peers and counsellor.
4. Check post-secondary program requirements.
5. An Arts Education 10, 11, or 12 OR an Applied Design, Skills, and Technologies 10, 11, or 12 course is required for graduation.

**\*Arts Education** courses include those in the Art, Music and Drama departments.

**\*Applied Design, Skills, and Technologies** courses offered are in the areas of Business Education, Foods, Textiles, Information Computer Technology and Technology Education.

6. Complete the course request and student information sheet. Also, complete Incentive Program, or other special program applications as required. Submit forms to your counsellor on time
7. Enter courses into MyEducation BC with your individual username and password.

### **\*\* PLEASE NOTE WHEN SELECTING COURSES:**

It is very important that students also select alternative courses at this time. Some courses may be unavailable due to low enrolment or to a timetabling conflict with another course selected. In this case, students will be automatically assigned to their "alternate selection".

## SELECTING COURSES

Grade 8 Program	Grade 9 Program	Grade 10 Program	Grade 11 Program	Grade 12 Program
Humanities 8	English Language Arts 9	English Language Arts 10	Literary Studies 11	English Studies 12 or English First Peoples 12
Humanities 8	Social Studies 9	Social Studies 10	Explorations in Social Studies 11 or a Social Studies 12 course	Elective 12
Math 8	Math 9	A Math 10	A Math 11	Elective 12
Science 8	Science 9	Science 10	A Science 11	Elective 12
Physical and Health Education 8	Physical and Health Education 9	Physical and Health Education 10	Career Life Education	Elective
Applied Design, Skills and Tech 8 (Home Ec/Tech. Ed)	Elective (Arts Education)	Elective (Arts Education OR Applied Design, Skills & Technology)	Elective	Elective
French 8	Elective (Applied Design, Skills & Technology)	Elective	Elective	Elective
Elective (Arts Education)	Elective	Elective	Elective	Elective
<b>Choose 1 Elective</b>	<b>Choose 3 Electives</b>	<b>Choose 3 Electives</b>	<b>Choose 3 Electives</b>	<b>Choose 7 Electives</b>
				*plus Career Life Connections & Capstone and one Indigenous Focused Course

## EXTERNAL CREDITS & EQUIVALENCY

### EXTERNAL CREDITS & EQUIVALENCY

External credits are intended to recognize certain credentials at the Grade 10, 11, and 12 levels acquired by students from other educational jurisdictions (i.e. other countries) and from institutions outside the regular school system (i.e. community-based organizations).

#### ► External Credits

An external course is an organized set of learning activities that is developed or offered outside the regular school system. Students may earn graduation credit for successfully completing an External Course approved by the Ministry of Education. The Ministry has reviewed and declared as creditable certain credentials from institutions that include, but are not limited to:

- Royal, B.C., and Victoria Conservatory of Music
- Open Learning Agency courses
- Driver's Training Education Programs sponsored by ICBC
- Dance programs
- Drama courses
- Language Certificates that acknowledge completion of high school grades in other countries
- Sport Categories (athlete, coach, official)
- Youth Development Programs
- 4-H course
- Industrial and Occupational Programs

## EXTERNAL CREDITS & EQUIVALENCY

### ► Course Equivalency

Course equivalency is the process of receiving credit for a Grade 10, 11, or 12 course because documentation shows that the student has achieved the learning outcomes of a course offered within the regular British Columbia school system at an outside institution (i.e. other countries). Equivalency credits are only granted for courses that meet all of the following requirements:

- The student is able to provide documentation that the course has been successfully completed.
- The course(s) matches 80% of the prescribed learning outcomes of a Ministry-Authorized or Board Authority Authorized course taught within the district.
- The course has been taken at another institution or educational jurisdiction outside the regular BC system.

**Please Note: Students interested in applying for External Credits or Course Equivalency should consult their counsellor.**

### LANGUAGE COURSE CHALLENGE

Students interested in seeking to challenge a language course must sign up in October in order to write the exam in January. Please see your counsellor for further information.

## SCHOLARSHIP INFORMATION

### PROVINCIAL SCHOLARSHIPS PROGRAM

BC Achievement Scholarships recognize broad achievement in courses meeting Graduation Program requirements (both required and elective courses). The Ministry will determine recipients based on students' achievement in Grades 10-12 courses that satisfy graduation program requirements. A cumulative average of marks will be calculated and form the basis for awarding the BC Achievement Scholarship. This average includes required and elective courses from Grades 10, 11, and 12 (52 credits in required courses, 28 credits in elective courses).

All courses must have a percentage score; however, one 4-credit TS or SG indicator among the scores is allowed with the exception of the Language Arts 12 course used for graduation requirements (English Studies 12, Français langue première 12, or English 12 First Peoples) which must have a percentage score, not TS or SG. Ties among students will be broken using the Language Arts 12 score (as noted above).

*\*\*Students do not apply for this scholarship\*\**

Please check 'Scholarships' information under the Students tab on the Palmer [website](#) for updated information regarding this, and any other, scholarship.

# SCHOLARSHIP INFORMATION

## DISTRICT/AUTHORITY SCHOLARSHIP

The Ministry of Education provides a number of \$1250 awards to be awarded to Palmer students who show superior achievement in Indigenous Languages and Culture, Arts Education (Visual Arts, Music, Dance, Drama), Applied Design, Skills, and Technologies (Business Education, Technology, Home Economics, Information Communication Technology), Physical Activity, International Languages, Technical and Trades Training, or Community Service. To qualify for these scholarships, students must:

- be a Canadian citizen or permanent resident (landed immigrant) at the time of applying for the scholarship.
- be a BC resident.
- fulfill the BC graduation requirements of either the Graduation Program or the Adult Graduation Program by August 31<sup>st</sup> of a student's graduating year.
- meet the criteria determined by the local Scholarship Committee.

\*\*students apply for this scholarship as part of the in-school scholarship/bursaries application process\*\*

**Note:** A student can receive *both* a BC Achievement Scholarship and a District/Authority Scholarship.

For information on the Ministry of Education's Provincial Scholarship Program, please go to the [Ministry website](#).

## IN-SCHOOL SCHOLARSHIPS AND BURSARIES

Grade 12 students who are enrolled in at least six courses at Palmer may qualify for in-school scholarships and bursaries. This includes online courses with Richmond Virtual School.

Applications must be made to the Palmer Scholarship Committee by the due date specified each year, normally at the beginning of April. Currently, the school and district are actively pursuing businesses, organizations and individuals in the community to donate school scholarships. These scholarships are awarded on the basis of pre-set criteria determined by the donors or the Palmer Scholarship Committee.

## OTHER SCHOLARSHIPS AND BURSARIES

There are many scholarships offered by institutions, industries, unions, businesses and individuals that are available to students regionally, provincially, and nationally. These must be applied for individually. Information regarding these scholarships can be obtained on our Career Information Advisor [Ms. Mayer's Portal page](#) Deadline dates will vary.



# SPECIAL PROGRAMS

## PRE-AP/INCENTIVE PROGRAM

Palmer's Pre-AP/Incentive Program provides a rigorous and challenging academic high school experience for students of strong ability, talents, and motivation, with the intent to prepare such students for entry into university or college. Students in the Program take the core curriculum in English, Social Studies, Mathematics and Science, but with added enrichment and/or accelerated topic coverage at each grade level. Critical and creative thinking skills, project work, topic acceleration, group presentations, independent research and study in areas of special interest are all integral parts of the program. Pre-AP/Incentive students will take their remaining (elective) courses in regular classes, such as French, Music, Art, Drama, Technology Education or Physical and Health Education, etc.

The Pre-AP/Incentive Program is a cross-grade, cross-curricular program designed to challenge motivated students to reach their full potential. Besides the strong academic focus, a wide variety of supplementary interests are embraced, including opportunities for leadership and team-building, outdoor education, theatre exploration, and community service - all designed to advance the physical, mental and social development of our students. Specifically, the aims of the Pre-AP/Incentive Program are to encourage and stimulate the following in our students: self-reliance and self-discipline; perseverance and determination; initiative and creativity; social responsibility and leadership; the strive for excellence; the spirit of adventure; and fitness of body and mind.

### **Accelerated Courses & Overall Scope of the Program**

In Mathematics and Science, the curriculum is accelerated such that students will complete Mathematics 8-10 and Science 8-10 in two years (during Grades 8 and 9) rather than the usual three years, thus giving students the opportunity to advance one year ahead of grade level in their Math and Science studies. If successful, students may then take regular PreCalculus Mathematics 11 or Enriched PreCalculus Mathematics 11 in their Grade 10 year, as well as any of the Grade 11 Science courses. In Grade 11, students may then take Grade 12 level courses in these subject areas, and finally in Grade 12, qualified students may then apply to take any of the various Advanced Placement (AP) courses offered at Palmer. AP courses provide students with university-level learning and preparation for the rigors of post-secondary study. Please refer to the section on Advanced Placement later on in this booklet for more details about AP.





# SPECIAL PROGRAMS

The complete scope of the core courses in the Pre-AP/Incentive Program is shown in the following table.

Subject Area	Grade 8	Grade 9	Grade 10	Grade 11	Grade 12
<b>English</b>	Incentive Humanities 8	Incentive English Language Arts 9	Pre-AP/Incentive English Language Arts Composition & Literary Studies 10	Pre-AP/Incentive Literary Studies 11	English Studies 12
<b>Social Studies</b>	Incentive Humanities 8	Incentive Socials 9	Incentive Socials 10	Incentive Explorations in Social Studies 11	Elective (eg. Law Studies 12, 20 <sup>th</sup> Century World History, etc.)
<b>Mathematics</b>	Honours Math 8	Honours Math 9/10 (Foundations & Precalculus)	Enriched Precalculus Math 11	Pre-Calculus Math 12	AP Calculus 12
<b>Science</b>	Pre-AP/ Incentive Science 8/9	Pre-AP/ Incentive Science 9/10	Science 11 Elective(s) (e.g. Chemistry 11)	Science 11 or 12 Elective(s) (e.g. Chemistry 12)	AP Science 12 Elective (e.g. AP Chemistry 12)

In all Incentive courses, students explore subjects and topics in more depth and with more rigor than they would in a regular class. In addition, students are provided with opportunities to develop and improve on their creative as well as critical thinking skills, both of which are equally important in the development of a well-rounded individual. In summary, the goal of the Pre-AP/Incentive Program is to develop students with a broad personal profile who will continue to flourish in their post-secondary education and beyond.

### • Incentive – Application Process

Students apply for admission to the Pre-AP/Incentive Program via the program’s website ([www.palmerincentive.com](http://www.palmerincentive.com)). Included in the application process are a Mathematics Entrance Exam and an English writing assessment, an interview, and a Grade 7 teacher evaluation. Acceptance is based on the student's demonstrated ability, motivation, task commitment, and parent and teacher recommendations. Preference is given to students enrolling in all four Pre-AP/Incentive Program subjects (English Language Arts, Mathematics, Science and Social Studies).

Note: Students can apply for entry to the Pre-AP/Incentive Program in Grades 9, 10, and 11, as each year a few openings become available. Interested students are asked to see the Pre-AP/Incentive Program Coordinator or visit the website ([www.palmerincentive.com](http://www.palmerincentive.com)).

# SPECIAL PROGRAMS

## • Program Expectations

To remain in the Pre-AP/Incentive Program, the student is required to exhibit good citizenship, maintain an Achievement standing of “B” or Proficient or above, and demonstrate excellent work habits in all courses. As well, students are required to participate in the extra-curricular activities of the Pre-AP/Incentive Program that include Camp Squamish and Camp Strathcona, as well as the Oregon Shakespeare Festival. Pre-AP/Incentive students are also encouraged and expected to immerse themselves in some of the many extra-curricular opportunities available at the school. These include clubs and activities or various sports teams. Many of these clubs and activities take part in various local, regional, provincial and even international competitions to stimulate the strive for excellence. The Pre- AP/Incentive Program expects students within the program to take an active role in their own learning as well as in the life of the program and the school.

## • Camps and Fieldtrips

One of the cornerstones of Palmer’s Pre-AP/Incentive Program is the camps and fieldtrips planned throughout the year. First in the year is Camp Squamish (required for Pre-AP/Incentive Grades 8-10), usually occurring over three days during mid-October (approximate cost \$300). This is followed by Camp Strathcona (\$750) on Vancouver Island for five days at the beginning of May (required for Pre- AP/Incentive Grade 8, optional for Grade 9). In late April - also for five days - is the Oregon Shakespeare Festival in Ashland (\$980), required for Pre-AP/Incentive Grade 10 students (and optional for Grades 11 and 12). Other trips or camps may also arise from time to time, all of which are intended to broaden and enrich the overall learning experience for our students.



# SPECIAL PROGRAMS

## **ADVANCED PLACEMENT (AP) PROGRAM**

The Advanced Placement Program consists of a set of first-year university/college level courses geared towards academically talented and motivated high school students who intend to pursue post-secondary education. It is administered by The College Board, the US-based organization that also administers the SAT exams. Students who write the official AP Exam for the AP course in which they are enrolled may use their exam score (minimum of 4 on a 5-point scale, although some post-secondary institutions accept a score of 3) to gain credit and/or advanced placement in various post-secondary institutions around the world. The three major BC universities (UBC, SFU and UVIC) all accept students with AP credit. For more detailed information about AP course credits and/or advanced placement consideration at various BC post-secondary institutions, please visit our Career Information Advisor.

For more detailed information about AP course credit/acceptance around the world, visit, <https://apcentral.collegeboard.org/about-ap/discover-benefits>.

Advanced Placement benefits students in a number of ways:

- Provides students with both acceleration and enrichment.
- Provides students the opportunity to learn with other highly capable and motivated students.
- Provides students with opportunities to experience rigorous and academically challenging courses - similar to what they would experience at university/college - while still in high school.
- Allows students to develop the study skills, habits and discipline needed for university while still in high school.
- Provides university courses for free, except for the College Board AP Exam fee (most first year courses cost between \$350 - \$500).
- Provides students with an opportunity to gain advance credit or placement - or course exemption - at many colleges and universities around the world.

Palmer has historically offered one of the most comprehensive and successful AP programs in the Richmond School District. The large majority of Palmer students who go on to write the AP Exams each year tend to score 4 or 5 out of 5 on these exams, and are thus well-prepared for the rigors of university or college education.

Traditionally, the AP courses offered annually at Palmer include AP Biology, AP Calculus, AP Chemistry, AP Physics, and AP Psychology (AP Psychology is offered with Richmond Virtual School - which is hosted at Palmer). See your Counsellor for more details.

# SPECIAL PROGRAMS

## **LIBRARY SERVICES**

The Palmer Library Learning Commons (LLC), located just off the main lounge, is the “the heart of the school.” We have a fully automated catalogue, desktop and laptop computers for students to use to access the Internet, create presentations, and word-process their documents. Classroom teachers regularly book their classes into the facility for general orientations, research projects, reading advisory, and various lessons essential to good research practice. Individual students may visit the library during class time, with a library pass from their subject teachers; students with study blocks often use the LLC for study or leisure. The facility has tables for group work, study carrels, and a comfortable reading lounge. Our growing maker space provides students with access to materials such as a 3D printer and Cricut Maker for creating projects. Laser printers (regular and colour) are available at a minimal cost.

Our holdings include a wide variety of non-fiction and fiction materials. We strive to include books by and about the diverse cultures and communities we serve at Palmer. Fiction choices include easy, light reads for the beginner, right through to challenging adult prize winners. We have a number of picture books and an expanding collection of graphic novels. The LLC is also developing a virtual presence to support research, reading, learning and digital citizenship.

Think about becoming a library monitor or book reviewer, too. We run a healthy program with about 30 monitors and book reviewers earning service hours and valuable work experience. Some of our book reviewers are even cited or linked to by publishers! The Library staff is happy to help with your research or leisure reading needs: we welcome you to the Palmer Library Learning Commons – “the heart of the school.”

## **ATHLETICS**

The athletic program at Palmer has a strong and proud tradition. We do our best to offer teams at all levels in as many different sports as possible. We believe that our athletic program does an exceptional job of teaching students about the value of sportsmanship, leadership, discipline and commitment. Possible offerings for 2024-2025 school year may include:

<b><u>Fall Season</u></b>		<b><u>Winter Season</u></b>		<b><u>Spring Season</u></b>	
Volleyball		Basketball		Track & Field	
Soccer	Boys	Gymnastics		Golf	
Co-Ed Swimming		Table Tennis		Tennis	
				Soccer	Girls
				Ultimate	
				Badminton	
				Gr. 8 & Gr. 9 Volleyball	Boys

## **CLUBS**

We anticipate a broad range of club opportunities for students in the 2024-2025 school-year. These activities provide students with knowledge, skills and attitudes in a variety of outside-the-classroom opportunities. Planned club offerings include:

Art/Photo/Yearbook Club	Foreign Film Club	Math Club
Book Review Club	Global Network Club	Nutri Kin
Breakfast Club	Grad Committee	PC Gaming Club
Dance Squad	Journalism Club	Rainbow Club
ECO Team	Library Monitor Club	Student Council
First Responders Club	Living Beyond the Horizon Club	

# CAREER DEVELOPMENT PROGRAMS



## DISTRICT CAREER PROGRAM OPTIONS FOR Gr. 10-12 SD38 STUDENTS



- The Richmond SD38 Career Programs Office (CPO) offers several DUAL CREDIT (and other) programs for students to take while in high school. The CPO is located at Cambie Secondary School.
- DUAL CREDIT: Students **earn both high school credits and industry/college credits** for the programs they take. The high school credits count toward a student's GPA.
- **TUITION is FREE** for dual credit programs (trades training and others).
- Applications are posted on our website, and "TUESDAY DUE DAYS" are listed in our brochure.
- Check out our Career Programs slat board inside or just outside your counselling area.
- For more info, email our office: [careerprograms@sd38.bc.ca](mailto:careerprograms@sd38.bc.ca)
- **Scan QR codes** or go to our website:

<https://careerprograms.sd38.bc.ca>

Brochure:



Parent Zoom Info Nights:



### A BRIEF OVERVIEW OF OUR PROGRAMS:

1. **Youth TRAIN in Trades** <https://careerprograms.sd38.bc.ca/our-programs/youth-train-trades>
  - Take Foundation/Level 1 technical training an offered trade while in Gr 12 (and Gr 11 for Cooking or Piping/Plumbing) – APPLY in Grade 11 (or 10 for Cook/Piping)
  - Full-time college program, trained by a certified journeyman / Red Seal
  - Post-secondary **tuition covered** (a savings of \$2500-\$5000)
  - Beat post-secondary waitlists + earn high school credits
  - Application/Interview Process; apply in early spring to take program the next school year



In Partnership with:



2. **Youth WORK in Trades** <https://careerprograms.sd38.bc.ca/our-programs/youth-work-trades>
  - Work-Based Apprenticeship Training, contributing to student's Level 1 trade certification
  - Students aged 15-19 who are (PAID) working in a recognized trade (choose from >100); check [SkilledTradesBC](https://www.skilledtradesbc.com) website for trades (formerly ITA)
  - Earn up to 16 high school credits while working (only 480 hours work!)
  - Potential to earn a scholarship to be applied toward technical trades training

**SEE NEXT PAGE FOR MORE PROGRAMS, INCLUDING SOME DUAL CREDIT**

For more information contact your School Counselor, Career Information Advisor or the District Career Programs Office at 604-668-6000 (extension 3766). Email: [careerprograms@sd38.bc.ca](mailto:careerprograms@sd38.bc.ca)

# CAREER DEVELOPMENT PROGRAMS

## 3. **Manufacturing and Engineering Co-op (MEC)** <https://careerprograms.sd38.bc.ca/our-programs/new-manufacturing-engineering-co-op>

- F/T Semester 2 program for SD38 students to take in Grade 11/12 (held @ Burnett Secondary)
- Students in Grade 10/11 apply in spring (application on Career Programs website)
- Earn four high school courses = 16 credits
- Includes Engineering 11, Skills Exploration, and Work Experience in the manufacturing and engineering industries + option to earn an industry certification through Northwest Skills Institute
- Learn about concepts and applications in engineering, machining, manufacturing and fabricating

## 4. **Early Childhood Education Assistant Certificate** <https://careerprograms.sd38.bc.ca/our-programs/new-early-childhood-education-ecce-assistant-program>

- SD38 students take F/T in July between Grade 11/12 (apply in spring of Gr 10 or 11)
  - Students earn both high school and post-secondary credits (**dual credit**)
  - **FREE program TUITION** for the ECE courses (held at an SD38 high school)
  - A partnership between SD38 Career Programs and Delta Continuing Education\*
  - Develop and enhance practical skills, increasing students' knowledge
  - Students shadow for four Fridays at local day care centre
- \* approved training institution for Early Childhood Education Certificates



## 5. **\*NEW\* Health Care Programs** <https://careerprograms.sd38.bc.ca/our-programs/new-health-care-programs>



- Current program offerings are at VCC: Health Care Assistant and Medical Lab Assistant
- Only open to Grade 11 students to apply in Spring and take in Grade 12
- Program dates/schedules vary – check on our website or email our office
- Students earn both high school and post-secondary credits (**dual credit**)
- Attend post-secondary full-time (**FREE program TUITION**) – applications due April 2024
- **Check our website for additional Health Care offerings that may become available**

## 6. **Link38 (Learning in Kwantlen)** <https://careerprograms.sd38.bc.ca/our-programs/learning-kwantlen-link38>

- Only open to Grade 11 students to apply in Spring and take in Grade 12
- Take one academic course Sept-Dec at Kwantlen (Richmond) through Career Programs (one night/week at KPU Richmond). (**FREE course TUITION**)
- Applications available in April on Career Programs website – due in May
- Only selected KPU courses available (listed on our application)
- Students earn both high school and post-secondary credits (**dual credit**)



## 7. **STRIVE – Faculty of Arts course** <https://careerprograms.sd38.bc.ca/our-programs/strive-kpu-arts-course>



- Open to students who identify as under-represented OR who think they will not qualify for university (students on an EVERGREEN certificate may apply) (Just apply and you are “in” !)
- Must apply in Gr. 10 or 11 and take September of Gr. 11 or 12
- Students take a pre-selected course from the Faculty of Arts (not fine arts) that runs Sept-Dec at Kwantlen (Richmond) (one night/week at **KPU Richmond**)
- Earn 4 high school credits + university credits (**dual credit**) (**FREE course TUITION**)
- Applications available on our website in March/April – due in May
- Program support provided to ensure a positive and successful learning experience

## 8. **Richmond RCMP Youth Academy** <https://careerprograms.sd38.bc.ca/our-programs/richmond-rcmp-youth-academy>

- August 2025 day camp open to students currently in Gr 10-12
- Applications in schools in November and due end of January 2025 to RCMP (**NOTE: Applications for Aug. 2024 camp close Jan. 30, 2024 – App is on our website**)
- Learn about police duties, criminal justice, teamwork, organization, criminal code
- Hear from guest speakers and participate in simulation policing scenarios



For more information email: [careerprograms@sd38.bc.ca](mailto:careerprograms@sd38.bc.ca)



# RICHMOND VIRTUAL SCHOOL



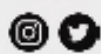
## Online learning from K–12

Our mission is to provide blended courses that respond to the needs of Richmond students with flexibility, quality and service. As a result, RVS has one of the highest completion rates in BC!



### RVS Offers:





- Academic & Elective Courses
- Programs for K-12
- Fast-Track Summer Courses
- Dance Program, Elite Athlete Program, YELL Entrepreneurship & Leadership, Cybersecurity, Work Experience Programs and more!



[richmondvirtualschool.ca](https://richmondvirtualschool.ca)  
Call 604-668-6371 | Email [rvs@sd38.bc.ca](mailto:rvs@sd38.bc.ca)

**RICHMOND**  
SCHOOL DISTRICT NO. 38

# RICHMOND VIRTUAL SCHOOL

<p style="text-align: center; background-color: yellow;"><b>SPRING SEMESTER 2024</b></p> <p style="text-align: center;"><b>FEB. 1 – JUN. 23</b></p> <p style="text-align: center;"><a href="#">Registration open until Feb. 15, 2024</a></p> <p>Accounting 11  <b>African and Black Canadian Studies 12</b>            ADST: Makerspace 10-12  <b>ADST: Remote Vehicles &amp; Drones 12</b>            BC First Peoples (SS) 12            Calculus 12 *            Career Life Education 10 (RVS: Online only)            Chemistry 11            Computer Programming 11-12            Cybersecurity 11-12            English 11 (Literary Studies)            English Studies 12            English First Peoples 10 (Comp. &amp; Lit. St.)            English First Peoples 11 (Lit. St. &amp; TBD)            English First Peoples 12            Entrepreneurship 12            Foundations of Math &amp; Pre-Calculus 10*            Foundations of Math 11, 12*            French 10, 11, 12            Law 12            Life Science 11            Mandarin Introductory 11            Mandarin 11            PHE (Active Living) 10-12            Physical Geography 12            Physics 11, 12            Pre-Calculus 11, 12*            Psychology 12  <b>Robotics 11-12</b>            Science 10  <b>Science for Citizens 11</b>  <b>Workplace Math 11</b></p>	<p style="text-align: center; background-color: yellow;"><b>FAST TRACK SUMMER 2024</b></p> <p style="text-align: center;"><b>JUL. 5 – AUG. 13</b></p> <p style="text-align: center;"><a href="#">Registration open Feb. 20 - Jun. 27, 2024</a></p> <p>20<sup>th</sup> Century World History 12            ADST: Makerspace &amp; Robotics 10-12            Anatomy &amp; Physiology 12 (Biology)            BC First Peoples (SS) 12            CADD and Animation 10-12            Career Life Education 10            Chemistry 11, 12            Computer Programming 11-12            Cybersecurity 11-12            English 10, 11, 12            English First Peoples 10, 11, 12            Foundations &amp; Pre-Calculus Math 10            Foundations of Math 11            French 11, 12            Life Science 11 (Biology)            Mandarin Intro. 11, 11, 12            PE 10-12            Physical Geography 12            Physics 11, 12            Pre-Calculus 11, 12            Science 10            Social Studies 10            Social Explorations 11</p>	<p style="text-align: center; background-color: yellow;"><b>FALL SEMESTER 2024</b></p> <p style="text-align: center;"><b>SEP. 11 – JAN 29, 2024</b></p> <p style="text-align: center;"><a href="#">Registration open Feb. 20 - Sept. 30, 2024</a></p> <p>Anatomy &amp; Physiology 12            BC First Peoples 12            Calculus 12*            Career Life Education 10 (RVS - Online only)            Chemistry 12            Economics 12            English First Peoples 10, 11, 12            English Studies 12            Entrepreneurship 12              ~Young Entrepreneur Leadership Launchpad              ~eligible for post-secondary Credit            French 11, 12            Foundations &amp; Pre-Calculus Math 10*            Foundations of Math 11, 12*            Mandarin 12            Physical Geography 12            Physics 11, 12            Pre-Calculus 11, 12*</p>
<p style="text-align: center; background-color: yellow;"><b>CONTINUOUS ENTRY 23/24</b></p> <p style="text-align: center;"><a href="#">Registration open until Feb. 15, 2024</a></p> <p>Career Life Connections            Foundations of Math 11, 12*</p>	<p style="text-align: center; background-color: cyan;"><b>RVS PROGRAMS</b></p> <p style="text-align: center;">Apply Now for September 2024</p> <div style="text-align: center;">  </div> <p>SKY is a blended, personalized learning program for grade 11 and 12 students with personalized inquiry, community connections and outdoor adventure.</p> <div style="text-align: center;">  </div> <p>RAIL is a blended, interdisciplinary program where students complete grades 8-10 through project-based learning.</p> <div style="text-align: center;">  </div> <p>Blended Learning is a full-time program for students in Kindergarten to grade 7. Students are supported through both synchronous online class instruction, self-directed learning supported at home and in-person classes at Grauer Elementary.</p>	<p style="text-align: center; background-color: yellow;"><b>FALL LINEAR 2024</b></p> <p style="text-align: center;"><b>SEP. 11 – JUNE 2025</b></p> <p style="text-align: center;"><a href="#">Registration open Feb. 20 - Oct. 28, 2024</a></p> <p>AP Psychology            Career Life Connections 12            Dance Choreography 10-12            Dance Company 11, 12            Dance Performance 10-12            Theatre 10-12            PE (Fitness and Conditioning - OVAL) 10-12            PE (High Performance - OVAL) 10-12  <span style="background-color: cyan; padding: 2px;">**For Dance/Theatre/Oval program inquires contact: rvs@sd38.bc.ca</span></p> <p><b>Specific School Options</b>  <i>Must be enrolled at listed school</i>            CLE 10 (Cambie, McMath, McNair, RSS)            Choir and Jazz Band (Palmer, McMath, RSS)            Digital Media &amp; Video Production (Boyd)            Engineering 11 (Burnett/Career Programs)            Food Studies 11, 12 (MacNeill)            Leadership 11, 12 (Boyd, McNair)            Outdoor Education 11, 12 (McMath)            Peer Tutoring (Boyd, Burnett)            Yearbook 10-12 (Boyd, McNair)            Other (as announced by your school)</p>
<p><b>Please note:</b>            * RVS asynchronous math courses will require mandatory weekly meetings until students have established a completion schedule and maintained a grade of 67% or higher. Students have the <b>option</b> to attend one or two face-to-face tutorials each week at Palmer Secondary. Students will be <b>required</b> to come to school for face-to-face evaluation. These courses must be complete by June 20.</p> <p><b>Meetings:</b> Weekly course meetings take place in central Richmond at R.C. Palmer Secondary. School specific courses take place at the indicated school. Dance &amp; Oval pgm. have meetings arranged by the teacher.</p> <p><b>Bold Courses:</b> new course offering</p>		<p style="text-align: center;"><b>CLICK HERE:</b></p> <div style="text-align: center; background-color: green; color: white; padding: 10px; border-radius: 10px; margin: 5px auto; width: 80%;"> <p style="margin: 0;">Register Today for RVS </p> </div> <p style="text-align: center;"><b>SCAN HERE:</b></p> <div style="text-align: center;">  </div>



# COURSE DESCRIPTIONS – Art

## GRADE 8 – 9 COURSES

### **ART: GENERAL 8**

#### **No Prerequisite**

This course provides a foundation for a basic understanding of art. Students will learn to produce and respond to works of art in many different art media, including drawing, painting, printmaking, ceramics sculpture and mixed media. Students will be expected to keep a visual journal as a record of their ideas, image development and explorations. This course is paired with Drama 8.

### **ART: GENERAL 9**

#### **No Prerequisite**

This course provides a foundation for a basic understanding of art. Students will learn to produce and respond to works of art in many different art media, including drawing, painting, printmaking, ceramics sculpture and mixed media. Students will be expected to keep a visual journal as a record of their ideas, image development and explorations.

### **ART: YEARBOOK 9**

#### **No Prerequisite**

Students are responsible for the production of the Palmer school yearbook. Students will develop valuable skills and knowledge in the areas of digital art and photography, copy writing, page layout, advertising and distribution. The yearbook is produced using a desktop publishing program in cooperation with a Canadian publisher online. If you are a motivated and independent worker with a strong interest in information computer technology and art, then come and learn the “behind the scenes” aspect of publishing.

### **ART: PHOTOGRAPHY 9**

#### **No Prerequisite**

Photography 9 is a basic course in photography designed to offer experiences with digital photography. This course builds the foundation for visual literacy regarding both form and content of photographic images. Students learn framing and explore various compositional principles through the elements and principles of photography. Students also learn to examine images critically through critiques. Successful completion provides a foundation for further study in advanced photography courses. Evaluation will be based on creating a portfolio of your work and displaying your work around the school. An interdisciplinary art approach will also be explored.

## GRADE 10 - 12 COURSES

### **ART: PHOTOGRAPHY Level 1**

#### **No Prerequisite**

Photography Level 1 is a basic course in photography designed to offer experiences with digital photography. This course builds the foundation for visual literacy regarding both form and content of photographic images. Students learn framing and explore various compositional principles through the elements and principles of photography. Students also learn to examine images critically through critiques. Successful completion provides a foundation for further study in advanced photography courses. Evaluation will be based on creating a portfolio of your work and displaying your work around the school. An interdisciplinary art approach will also be explored.

This class is open to anyone interested in an introductory class with no experience with photography.

# COURSE DESCRIPTIONS – Art

## **ART: PHOTOGRAPHY Level 2**

### **Prerequisite:** Photography Level 1

Photography Level 2 provides students, who already have a basic understanding of photography, with a variety of technical and creative skills. This course is an extension to Photography Level 1. Photography Level 2 focuses on advanced digital photography techniques; exploring studio with still life, portraiture and the principles of lighting. A range of materials, technologies and processes will be used including digital photography and alternative photographic processes. Photography offers unique ways of exploring one's identity and sense of belonging. Evaluation will be based on creating a portfolio of your work and displaying your work around the school. Interdisciplinary art making utilizing photography will also be explored.

## **ART: STUDIO 10**

### **No Prerequisite**

This course gives students experience with a wide variety of techniques and processes. This course involves both two-dimensional and three-dimensional art activities. Art STUDIO 10 meets the needs of students taking art for the first time. This course also allows students with previous art experience to continue their art education. Projects completed in this course may form part of a developing student portfolio. Students will be expected to keep a visual journal as a record of their ideas, image development and explorations.

## **ART: STUDIO 11**

### **No Prerequisite**

This course gives students experience with a wide variety of techniques and processes. This course involves both two-dimensional and three-dimensional art activities. Art STUDIO 11 meets the needs of students taking art for the first time. This course also allows students with previous art experience to continue their art education. Projects completed in this course may form part of a developing student portfolio for use for future employment or further arts education at the post-secondary level. Students will be expected to keep a visual journal as a record of their ideas, image development and explorations.

## **ART: STUDIO 12**

### **No Prerequisite**

This course is a continuation of Art STUDIO 11 and will continue to focus on the development of personal images. This course gives students experience with a wide variety of techniques and processes. This course involves both two-dimensional and three-dimensional art activities. Art STUDIO 12 meets the needs of students taking art for the first time. This course also allows students with previous art experience to continue their art education. Projects completed in this course may form part of a developing student portfolio for use for future employment or further arts education at the post-secondary level. Students will be expected to keep a visual journal as a record of their ideas, image development and explorations.

## **ART: YEARBOOK 10-12**

### **No Prerequisite**

Students are responsible for the production of the Palmer school yearbook. Students will develop valuable skills and knowledge in the areas of digital art and photography, copy writing, page layout, advertising and distribution. The yearbook is produced using a desktop publishing program in cooperation with a Canadian publisher online. If you are a motivated and independent worker with a strong interest in information computer technology and art, then come and learn the "behind the scenes" aspect of publishing.

**\*NOTE: Students can take two Art Classes concurrently with teacher recommendation.**



# COURSE DESCRIPTIONS – Business Education

## GRADE 8 – 9 COURSES

### **BE: KEYBOARDING 9**

#### **No Prerequisite**

This course is designed to develop a mastery of the touch-typing method of keyboarding. The techniques and methods of instruction are primarily focused on typing with speed and accuracy. Skills learned in this course can be applied to all manner of school assignments and home and business endeavours.

## GRADE 10 – 12 COURSES

### **BE: ENTREPRENEURSHIP AND MARKETING 10**

#### **No Prerequisite**

Entrepreneurship and Marketing 10 is an introductory business course that will explore entrepreneurial opportunities. We will look at innovation and the basics of product development. There will be a focus on combining the principles of business development with market awareness. The fundamental principles of marketing will therefore comprise a large part of our focus.

### **BE: ACCOUNTING 11**

#### **No Prerequisite**

This course is an introduction to basic accounting principles and their application. Students will learn accounting concepts, the use of financial data and presentation and analysis of financial statements. Topics include: balance sheets, income statements, general journal, synoptic journal, ledgers, trial balances, worksheets, and special journals. The course is recommended for those students considering a university business degree or a career in business or finance.

### **BE: KEYBOARDING 10/11**

#### **No Prerequisite**

This is a locally developed introductory keyboarding course for students who have never completed a keyboarding course. Touch keyboarding skills will be developed using computer word processing software. As well, students will become familiar with formatting, proofreading and editing of various business documents, including personal resumes.

### **BE: MARKETING AND PROMOTION 11**

#### **No Prerequisite**

This course will introduce students to the basic concepts of retail marketing. Topics to be covered include: targeting marketing, risk assessment, cultural appropriation, corporate sponsorship, market research, distribution, buying, pricing and promotion. Students will also be involved in the set-up and operation of a retail operation, Palmer Central, within the school. This course would benefit students interested in working in a retail environment.

### **BE: TOURISM 11**

#### **No Prerequisite**

This course is an introduction to aspects of the tourism industry, including career skills. Areas to be studied include service, product design and delivery for the life cycle. Various industry sectors will be studied as well as the changing marketplace. Travel agencies will be analyzed and factors that affect and influence tourism will be learnt. Cultural appropriation, sensitivity and etiquette will be studied as it relates to economic and market development. The student will develop hospitality and communication skills appropriate to the tourism industry.

## COURSE DESCRIPTIONS – Business Education

### **BE: ACCOUNTING 12**

**Prerequisite:** Accounting 11

This course will focus on the application of the principles taught in Accounting 11 using advanced procedures. Students will also become proficient with commonly used accounting software packages to analyze and solve accounting problems and to produce accounting reports. Topics to be covered include: payroll, inventory, 5 journal system, accounts receivable, accounts payable and cash control. It is a useful course for students going directly into employment. Students looking to further their study of accounting or those looking to complete a university or college business course are strongly advised to take this course.

### **BE: FINANCIAL ACCOUNTING 12**

**Prerequisite:** Math 11

This course is intended for those students who want to pursue post-secondary studies in accounting, finance or business but who do not have a previous accounting course. Students will be introduced to financial concepts and accounting procedures. An overview of the accounting cycle from journalizing and posting through adjustments and financial statements will give students experience in the use of financial data. Financial Accounting also provides students with hands on experience using standard accounting software. It is also a useful course for students considering going directly into employment.

### **BE: ENTREPRENEURSHIP 12**

**No Prerequisite**

This course is aimed at students who may be interested in starting their own business venture. Topics will include recognizing and analyzing potential market opportunities, as well as researching, generating and evaluating ideas to determine the viability of a business venture. Students will be expected to formulate and implement a business plan over the course of the year.

### **BE: E-COMMERCE 12**

**Prerequisite:** Marketing and Promotion 11

This course is a study of national and international marketing. The focus of the course is on cultural appropriation, best practices, revenue models, e-commerce, cyber-marketing, manufacturing and service industries. Students will have the opportunity to develop an understanding of marketing concepts, operations, and techniques as they apply to domestic and global businesses. The development and evolution of the digital retail environments will be analyzed.

# COURSE DESCRIPTIONS – Career Education

At Palmer, Career Education is a **two-year program** with CLE or CLE-Leadership taken in grade 11 and CLC/Capstone taken in Grade 12.

## CAREER LIFE EDUCATION (CLE) 11

### No Prerequisite

This is a required course (**4 credits**) for graduation on the 2018 Graduation Program. Elements of the course revolve around three key themes:

- **Personal Development:** planning for the successful completion of secondary school is the first step in a positive transition to work or post-secondary education while establishing a healthy balance between school and other life activities.
- **Connections to Community:** analysis of global trends and economy.
- **Career Life Plan:** encouraging students to explore a wide variety of career and education options through analysis of labour and market trends, workplace safety, work experience opportunities, and identification of essential career and employability skills.

## CAREER LIFE EDUCATION- LEADERSHIP 11

### No Prerequisite/ Acceptance by application

Good leaders are needed for today and the future. This course is designed for those students who wish to develop and discover leadership values, attitudes, and skills within their classroom and community. This course is open to Grade 11 students who want to help to create a positive school environment through active participation.

Topics include:

- Learning to be an Effective Leader
- Event Planning
- Self-Image and Motivation
- Goal Setting
- Problem Solving/Decision Making
- Social Responsibility

Leadership is not a position of popularity, but a position of responsibility and accountability. Students will learn to make decisions that will enhance the entire school community rather than just him/herself. Students taking this course will have the opportunity to participate in a variety of leadership events and projects based in Palmer.

**Applications are available in the office and are due by 3pm on February 09, 2024.**

**Late Applications will NOT be considered.**

**Students taking Leadership will meet the learning standards for Career Life Education and receive 4 credits for Career Life Education.**

## CAREER LIFE CONNECTIONS AND CAPSTONE (CLC and Capstone) 12

### No Prerequisite

This is a required course (**4 credits**) for graduation. Students will receive a percentage and a letter grade on their official transcript for CLC and Capstone. This course is currently being developed at Palmer as a non-enrolling class; work will be done both online and outside of regular class time. Students will continue to explore a variety of learning outcomes that are directly relevant to their future personal wellness, living arrangements, financial planning and career pathways. CLC will invite students to consider the impact of their personal and career choices on themselves and others. All students will prepare and present a **Capstone Project** where students will reflect on a personal passion or interest, and share how they have grown and learned in the core competencies and as a global citizen.

# COURSE DESCRIPTIONS – English

## GRADE 8 - 9 COURSES

### **EN: HUMANITIES 8**

**Prerequisite:** Grade 7

This combined studies course focuses on the development of basic knowledge and application of skills in both the English and Social Studies curricula. Humanities 8 allows students to develop their Communication, Thinking, and Personal and Social core competencies. The influence of language and text to understand ourselves and make connections to others and the world is explored. The role of contacts, conflicts, and environment are analyzed to determine significant cultural, social, and political changes during the time period of the 7th century to the 1750's. These big ideas are further developed through an examination of the Middle Ages and the Renaissance. Geography knowledge and skills previously acquired in Grade 7 are reinforced and expanded. In literature, emphasis is placed on reading comprehension, writing skills and student inquiry. Reading selections will include novels, short stories, poems, non-fiction, and historical texts to emphasize universal themes in the content area.

### **EN: INCENTIVE HUMANITIES 8**

**Required:** Accepted into the Incentive Program (*See Pre-AP/Incentive section on page 15*).

This combined studies course focuses on the development of advanced knowledge and application of skills in both the English and Social Studies curricula. Humanities 8 Incentive allows students to develop their Communication, Thinking, and Personal and Social core competencies. The influence of language and text to understand ourselves and make connections to others and the world is explored. The role of contacts, conflicts, and environment are analyzed to determine significant cultural, social, and political changes during the time period of the 7th century to the 1750's. These big ideas are further developed through an examination of the Middle Ages, the Renaissance, the Tudors, and the Reformation. Geography knowledge and skills previously acquired in Grade 7 are reinforced and expanded. In literature, emphasis is placed on reading comprehension and writing skills. Reading selections will include novels, short stories, poems, non-fiction, and historical texts to emphasize universal themes in the content area. This course includes additional enrichment activities ranging from independent study to extended group discussion and debate, as well as integrated individual and group inquiry projects. Students will be expected to pursue areas of special interest to develop critical and creative thinking skills.

### **EN: ENGLISH LANGUAGE ARTS 9**

**Prerequisite:** Humanities 8 / English 8

This course builds upon the foundation laid in Humanities 8 with a continued emphasis on Communication, Thinking, and Personal and Social core competencies. Students will continue to develop content and curricular competencies as outlined by the Ministry of Education. Students will work toward becoming competent and effective users and creators of a wide variety of texts in diverse contexts, including digital texts. Through purposeful communication, learners can develop competencies in listening to understand; communicating effectively; presenting information and ideas with confidence and fluency; and understanding the connections between language and culture. Students will respond both personally and critically to a variety of literature, including novels, short stories, drama, poetry, and non-fiction.

# COURSE DESCRIPTIONS – English

## **EN: INCENTIVE ENGLISH LANGUAGE ARTS 9**

**Required:** Accepted into the Incentive Program (*See Pre-AP/Incentive section on page 15*).

This course builds upon the foundation laid in Incentive Humanities 8 with a continued emphasis on Communication, Thinking, and Personal and Social core competencies. Students will continue to develop content and curricular competencies as outlined by the Ministry of Education. Students will work toward becoming competent and effective users and creators of a wide variety of texts in diverse contexts, including digital texts. Through purposeful communication, learners can develop competencies in listening to understand; communicating effectively; presenting information and ideas with confidence and fluency; and understanding the connections between language and culture. Students will respond both personally and critically to a variety of literature, including novels, short stories, drama, poetry, and non-fiction. Incentive English Language Arts 9 covers the basic grade 9 curriculum with additional enrichment activities ranging from independent study to extended group projects, discussion, inquiry, and debate. Students will encounter challenging literature and be expected to demonstrate a variety of written, visual and oral work. Students will have ample opportunity to complete inquiry projects.



## **GRADE 10 - 12 COURSES**

### **EN: COMPOSITION AND SPOKEN LANGUAGE 10**

**Prerequisite:** English Language Arts 9

This course is designed to support students in their development of written communication through a critical process of questioning, exploring, and sampling. Within a supportive community of writers, students will work individually and collaboratively to explore and create coherent, purposeful compositions. In addition, students will develop their spoken communication through processes of questioning, exploring, and sampling. The course builds students' spoken language competencies by introducing them to varied structures, forms, and styles of oral compositions and by providing opportunities for students to individually and collaboratively study, draft, and use language to create original pieces in a variety of modes. This course will develop their craft through processes of drafting, reflecting, and revising and provide students with opportunities for performance, storytelling, and public speaking. This course meets the graduation requirement for English Language Arts 10.

### **EN: LITERARY STUDIES AND CREATIVE WRITING 10**

**Prerequisite:** English Language Arts 9

This course is designed for students who are interested in the literature of a particular era, geographical area, or theme, or in the study of literature in general. The course allows students to delve more deeply into literature as they explore specific themes, periods, authors, or areas of the world through literary works in a variety of media. In addition, students will explore creative expression through language. The course provides students opportunities to build their writing skills through the exploration of identity, memory, and story in a range of genres. Within a supportive community of writers, students will collaborate and develop their skills through writing and design processes. This course meets the graduation requirement for English Language Arts 10.

# COURSE DESCRIPTIONS – English

## EN: PRE-AP INCENTIVE COMPOSITION AND LITERARY STUDIES 10

**Required:** Accepted into the Incentive Program (*See Pre-AP/ Incentive section on page 15*).

This course is intended to provide students with a solid base in Focused Literary Studies, Composition, Creative Writing, and Spoken Language. Students will develop written communication through a critical process of questioning, exploring, and sampling. Students will develop an interest in creative expression through language. There will be a strong focus on the study of literature; they will delve more deeply into literature as they explore specific themes, periods, authors, or areas of the world through literary works in a variety of media. In addition, this course will support students in their development of spoken communication through processes of questioning, exploring, and sampling. Within a supportive community of writers, students will work individually and collaboratively to explore and create purposeful texts. This course meets the graduation requirement for English Language Arts 10.

## EN: LITERARY STUDIES 11

**Prerequisite:** English Language Arts 10

Literary Studies 11 allows students to delve deeply into literature in addition to exploring the core competencies. Students can explore specific themes, periods, authors, or areas of the world through literary works (fiction and non-fiction) in a variety of media. Students are encouraged to read appreciatively and critically in a variety of forms and are expected to develop higher-level thinking and learning skills. They will enhance their development of both the receptive and expressive curricular competencies for English Language Arts. Students will increase their literacy skills through close reading of appropriately challenging and culturally diverse texts. Students will expand their development as educated global citizens and broaden their understanding of themselves and the world.



## EN: PRE-AP INCENTIVE LITERARY STUDIES 11

**Required:** Accepted into the Incentive Program (*See Pre-AP/ Incentive section on page 15*).

Exploration of literary themes will provide impetus for discussion, critical thinking, and a variety of writing. Students will explore a variety of writing forms, such as, narrative, expository, descriptive, persuasive, and opinion pieces. The issue of style and language manipulation will be at the forefront of writing for specific audiences and specific disciplines. While working on inquiry, students will cite sources, consider the credibility of evidence, and evaluate the quality and reliability of the source.

## EN: ENGLISH STUDIES 12

**Prerequisite:** Literary Studies 11 or Pre-AP Incentive Literary Studies 11

The required English Studies 12 course builds on and extends students' previous learning experiences in ELA and EFP 10 and 11 courses. It is designed for all students and provides them with opportunities to refine their ability to communicate effectively in a variety of contexts and to achieve their personal and career goals. Students will think critically and creatively about the uses of language while exploring texts from a variety of sources, in multiple modes, and that reflect diverse worldviews. Students are expected to contribute to Reconciliation by building greater understanding of the knowledge and perspectives of First Peoples and appreciate the importance of self-representation through text. Ultimately, students will deepen their understanding of themselves and others in a changing world as they gain insight into the diverse factors that shape identity.



# COURSE DESCRIPTIONS – English

## **EN: ENGLISH FIRST PEOPLES 12**

**Prerequisite:** Literary Studies 11 or Pre-AP Incentive Literary Studies 11

English First Peoples 12 builds upon and extends students' previous learning experiences in ELA courses. The course is grounded in the First Peoples Principles of Learning and will delve deeply into the First Peoples' oral and written literature. It is designed for all students to think critically and creatively as they continue to explore, extend, and strengthen their own writing. Within a supportive community, students work individually and collaboratively to explore oral and written literature and create powerful, purposeful compositions. Furthermore, through the study of authentic Indigenous text students will be able to:

- *extend their capacity to communicate effectively in a variety of contexts*
- *deepen their understanding of themselves and insights into key aspects of Canada's past, present, and future as related to First Peoples*
- *expand their understanding of what it means to be educated Canadian and global citizens*

This course meets the new graduation requirement to have 4 credits in both an Indigenous Focused course, and the English Language Arts 12 requirement for all students graduating in B.C after September 2023.

## **GRADE 12 ENGLISH ELECTIVES**

### **EN: LITERARY STUDIES 12**

**Prerequisite:** Literary Studies 11 or Pre-AP Incentive Literary Studies 11

This course allows students to delve more deeply into literature through increasingly complex texts. Students can explore specific themes, periods, authors, or areas of the world through literary works (fiction and non-fiction) in a variety of media. Giving students the choice of a range of literary topics allows them to follow their passion and at the same time increase their literacy skills through close reading of appropriately challenging texts. Students will be able to enhance their development of the English Language Arts curricular competencies, both expressive and receptive. In addition, students continue to hone their development as educated global citizens.

### **EN: CREATIVE WRITING 12**

**Prerequisite:** Literary Studies 11 or Pre-AP Incentive Literary Studies 11

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

# COURSE DESCRIPTIONS – Home Economics

Some of the course names include levels. Also, please note the Prerequisites listed for each course. If you have any questions about which level to select, please see your Home Economics teacher or your counsellor.

## **HE: APPLIED DESIGN, SKILLS AND TECHNOLOGY 8 (HOME ECONOMICS/ TECHNOLOGY EDUCATION 8)**

### **No Prerequisite**

This course includes content for both Technology Education and Home Economics. It serves two major purposes. Firstly, as an exploratory course, it gives the students an introduction to the Home Ec and Tech shops where they will learn the safe operation of both hand and power machinery. Focus is on experimentation and the development of simple skills (measuring, marking, cutting) and the familiarity of the Tech Ed shops and Home Economics environments. Problem solving, creativity, and fine motor skills are developed. Secondly, it introduces the student to various areas of Technology Education and Home Economics so that the student may make informed choices of electives in subsequent years.

## **HE: TEXTILES Grade 9**

### **No Prerequisite**

In this course, students will learn the safe use of tools in the Textiles lab, the selection and use of commercial patterns and the basic characteristics of textiles. Students will be introduced to techniques for alterations and repairs, the elements of design and careers in the Canadian apparel industry.

## **HE: TEXTILES 10 Level 1**

### **No Prerequisite**

In this course, students will learn the safe use of tools in the Textiles lab, the selection and use of commercial patterns, and the basic characteristics of textiles. Students will develop the skills needed to sew pyjama pants, a raglan sleeve T-shirt, a hoodie, and a short sleeved shirt as well as projects of the students' own choice. Students will be introduced to techniques for alterations and repairs, the elements of design, and careers in the Canadian apparel industry.



## **HE: FOOD STUDIES Grade 9**

### **No Prerequisite**

This course introduces the basic principles of food preparation, healthy eating and the nutritional value of a wide variety of foods and simple meals. Areas of focus include local and seasonal eating, and global factors influencing food availability and choice. Social and cultural influences including First Peoples traditional food use, harvesting, and preparation, as well as environmental ethical impacts on local and global food systems will be explored through project-based inquiry. Students will require their own apron for this course.

## **HE: FOOD STUDIES 10 Level 1**

### **No Prerequisite**

This course introduces the basic principles of food preparation, healthy eating and the nutritional value of a wide variety of foods and simple meals. Areas of focus include local and seasonal eating, and global factors influencing food availability and choice. Social and cultural influences including First Peoples traditional food use, harvesting, and preparation, as well as environmental ethical impacts on local and global food systems will be explored through project-based inquiry. Students will require their own apron for this course.

## **HE: TEXTILES 11 Level 2**

### **Prerequisite:** Textiles Level 1

This course will further students' understanding of the use of tools in the Textiles lab, basic alteration of commercial patterns, the progression from fibre to fabric, and the skills needed to sew a jacket, pants, a dress or dress shirt and projects of the students' choice. Students will expand their sewing techniques for garment construction, embellishment, alteration and repair. Theory projects will include the principles of design, designers and manufacturers in the Canadian apparel industry.

# COURSE DESCRIPTIONS – Home Economics

## **HE: FOOD STUDIES 11 Level 2**

**Prerequisite:** Food Studies Level 1

This course is designed to increase students' theoretical and practical knowledge of food preparation, meal planning and recipe development in the following areas: meat, fish, poultry and vegetarian alternatives, fruits and vegetables, baking, and food preservation. This course will encourage students to make wise food choices to fit in with their lifestyles, cultural backgrounds, and nutritional needs.

## **HE: TEXTILES 12 Level 3**

**Prerequisite:** Textiles Level 2

This course is for students with some sewing background who would like to expand their sewing skills. Students will learn the characteristics of natural and synthetic fibres, advanced techniques for clothing construction, proper fitting and embellishment techniques, and also to modify commercial patterns to create their own designs. Possible sewing projects include pants, shirts, recycled fashion, as well as projects of the students' own choosing. The principles and elements of design will be applied to flatter various figure types. Students who are considering a career in the fashion industry can begin to build their portfolios in this course.

## **HE: FOOD STUDIES 12 Level 3**

**Prerequisite:** Food Studies Level 2

The course provides students with nutrition, food preparation and consumer information at a more advanced level. Labs will include foods for special occasions, international foods and advanced cooking and baking skills. Individual practice and responsibility will be emphasized in both written theory and lab work. Students will explore issues revolving around food justice and food security. Students are required to have their own apron for this course.

## **HE: TEXTILES 12 Level 4 (Fashion Industry)**

**Prerequisite:** Textiles Level 3

This course is designed for students who would like to continue with sewing and designing as a hobby, or those who are interested in fashion merchandising as a career. Students will have opportunities to master difficult materials, lined jackets and dresses, and recycled fashion. The analysis of the principles and elements of design will be applied to wardrobe planning and window display. Students will be introduced to the history of fashion, fashion illustration, flat pattern making and draping. Students will take their ideas from a rough sketch to a finished product that can be entered into the fashion show. Students who are considering applying to a post-secondary fashion program can finish building their portfolios in this course.

## **HE: CHILD DEVELOPMENT AND CAREGIVING 12**

**No Prerequisite**

Modeling the dynamics of a classroom family we will create a learning environment for deeper understanding about preparing for parenthood and raising a child. Guided by reading and discussion; drawing on their personal and family experience; students will explore theories and stages of child development, parenting styles as well as cultural, local and global influences. Projects such as realCare baby simulation, hands-on exploring topics of play and nutrition, and guest talks make this course practical, and fun. This elective is invaluable for post-secondary Psychology, and Sociology courses and diverse fields as Social Work, Child Welfare, Nursing, and Education.

## **HE: HOUSING AND LIVING ENVIRONMENTS 12**

**No Prerequisite**

Are you a budding designer? This locally developed studio-based course uses real life scenarios such as designing a bedroom, kitchen, games room, or other living space by explore building, architectural and interior design methods. Sketching, manual drafting, digital applications with 3D projects as tools for communicating and refining your ideas, along with feedback and on-line guest presentations. If you are considering an arts or design career, develop your portfolio for interior design and architectural fields programs.

# COURSE DESCRIPTIONS – Information Computer Technology

## **BE: COMPUTER STUDIES 9**

### **No Prerequisite**

This is an introductory course in computers. The focus of this class will be creating digital media and developing basic productivity skills. The course will cover creating and editing animations, and as well enhancing digital images. Students will also learn about word processing, spreadsheets, and presentations. All work will be completed in class.

## **BE: WEB DEVELOPMENT 10**

### **No Prerequisite**

This is an introductory course designed for all students, from those with no computer experience to advanced users. The course will be conducted in a Mac environment. The subject material will include: HTML, CSS and JavaScript interactions, CMS (i.e. WordPress, Wix, etc.), GUI design, user interface and user experience, domain and hosting options, intellectual property policy, W3C standards, web design, security and privacy, database, and career options. All work will be completed in class.

## **BE: COMPUTER STUDIES 10**

### **No Prerequisite**

This is an introductory course in computers. The focus of this class is how social, ethical, and sustainability considerations impact design, as well as complex tasks that require the sequencing of skill, different technologies and tools at different stages. Topics include: computer hardware, software types (cloud-based vs. desktop), hardware and software maintenance, security, troubleshooting, networking, the Internet, computational thinking, simple programming concepts and ideas, coding conventions, social and ethical issues, digital literacy and digital citizenship. All work will be completed in class.

## **BE: INFORMATION AND COMMUNICATIONS TECHNOLOGY - COMPUTER INFORMATION SYSTEMS 11**

### **Prerequisite: Grade 11 and 12 students only**

This is an introductory course in computers. The emphasis of the course is computer literacy and effective use of the computer. This is an Internet interactive course. The Internet will be used extensively for research in each segment of the course. Major themes include computer design process, computer impact and consequences on society, design life cycle: Prototyping, Testing, and Making, appropriate use of technology including digital citizenship, etiquette, and literacy. All lab work will be done on Macintosh computers, but most software used in this course is cross platform, and the course is designed to be interactive with your computer at home.

## **BE: INFORMATION AND COMMUNICATIONS TECHNOLOGY - COMPUTER INFORMATION SYSTEMS 12**

### **Prerequisite: Grade 11 and 12 students only**

This course expands on the material covered in Computer Information Systems 11. Computer Information Systems 12 is an Internet interactive course, and will further look into design for the life cycle including social and environmental impacts. The course will look into personal design choices through self-exploration, collaboration and evaluation. Some artifacts that will be created include personalized online portfolio, operation manuals, documentation, and etc. Digital risks will be explored as well as hardware and software trouble shooting techniques. Students will also look into network management including security, imaging, backup, and remote access. All lab work will be done on Macintosh computers, but all software used in this course is cross platform.

# COURSE DESCRIPTIONS – Information Computer Technology

## BE: INFORMATION AND COMMUNICATIONS TECHNOLOGY - COMPUTER PROGRAMMING 11

**Prerequisite: Grade 11 and 12 students only**

This course is an introductory course in computer programming. The focus of this course is using scripting languages to understand the basics of coding. Objectives of the course include design, understanding premises and constraints, social, ethical and sustainability considerations, collaboration, documentation, error testing and debugging, and sharing intellectual property. The languages that will be used include JavaScript and Python. Students will learn to write stand-alone commands as well as short scripts. We will be using IDEs including Eclipse and Xcode. All lab work will be done on Macintosh computers.

## BE: INFORMATION AND COMMUNICATIONS TECHNOLOGY - COMPUTER PROGRAMMING 12

**Prerequisite: Grade 11 and 12 students only**

This course expands on the programming concepts covered in Computer Programming 11. The course will focus on object-oriented programming concepts while exploring Java and C#. From designing components to using complex algorithms, the course will use Eclipse and online compilers to develop programs. Eclipse is an open source, cross-platform IDE, allowing students to work in the lab or at home. Students will also evaluate impacts, including unintended negative consequences, of choices made about technology use. Course content will include many of the topics required by students wishing to challenge the U.B.C. first year programming course. All lab work will be done on Macintosh computers, but all software used, except Xcode, is cross platform.



# COURSE DESCRIPTIONS – Mathematics

The Mathematics Department offers the following Ministry-approved mathematics courses in accordance with the Ministry of Education's course requirements for producing numerate citizens. More information can be found at <https://curriculum.gov.bc.ca/curriculum/mathematics>

## **GRADE 8 - 9 COURSES**

### **MA: MATHEMATICS 8**

**Prerequisite:** Grade 7

This course introduces students to many mathematical concepts and combines mathematical knowledge with curricular competencies in problem solving, reflection, and communication skills to help students develop multiple approaches to mathematics. The core curriculum consists of number operations, algebra, logic, measurement, geometric constructions, probability and statistics, as well as financial literacy. Ministry of Education requirements for this course can be found at:

<https://curriculum.gov.bc.ca/curriculum/mathematics/8>

### **MA: PRE-AP HONOURS MATHEMATICS 8**

**Prerequisite:** Grade 7

**Required:** Accepted into the Incentive Program (*see description of these programs on page 15-18*).

This course covers the same curriculum as the Mathematics 8 course (and part of Mathematics 9), but at a faster pace, and to a greater depth and enrichment for certain topics. It is intended for highly-motivated students who have a higher-than-average ability and interest in mathematics. Students will be challenged with rigorous extension activities, which may include the writing of mathematics contests and/or projects. The entire Mathematics 8 curriculum and approximately two-thirds of the Mathematics 9 curriculum will be completed by the end of this course. Students who successfully complete this course with a sufficiently high enough grade may continue onto Pre-AP Honours Mathematics 9/10. Students who pass this course without a sufficiently high enough grade should take regular Mathematics 9 in the subsequent year.

### **MA: MATHEMATICS 9**

**Prerequisite:** Mathematics 8

This mathematics program continues to develop the math concepts and thinking skills from Mathematics 8. The core curriculum consists of number operations, algebra, logic, measurement, geometric constructions, probability and statistics, as well as financial literacy. Ministry of Education requirements for this course can be found at:

<https://curriculum.gov.bc.ca/curriculum/mathematics/9>

### **MA: PRE-AP HONOURS MATHEMATICS 9/10**

**Prerequisite:** Pre-AP Honours Math 8

**Required:** Accepted into the Incentive Program (*see description of these programs on page 15-18*), and successful completion of Pre-AP Honours Mathematics 8 (or the equivalent).

This course continues the study of math concepts initiated in Pre-AP Honours Mathematics 8. The balance of the Mathematics 9 curriculum (begun in Pre-AP Honours Math 8) is completed in this course, and the entire Foundations and Pre-Calculus Mathematics 10 curriculum will be completed in this course as well by the end of the school year. Because of this, the curriculum is covered at a faster pace than in the regular math courses, and to a greater depth and enrichment for certain topics. It is intended for highly-motivated students who have a higher-than-average ability and interest in mathematics. Students will be challenged with rigorous extension activities, which may include the writing of mathematics contests and/or projects. Successful completion of this course will garner credit for Foundations of Mathematics and Pre-Calculus 10, which will allow the student to continue onto Foundations of Mathematics 11 or Pre-Calculus 11 (including Pre-AP Enriched Mathematics 11) in the subsequent year.

# COURSE DESCRIPTIONS – Mathematics

## **MA: WORKPLACE MATHEMATICS 9**

**Admission:** Recommendation of Math 8 Teacher and School Based Team

This course is intended for students who had difficulty achieving a passing mark in Mathematics 8. Emphasis is placed upon strengthening student skills in preparation for subsequent math courses leading to graduation. Normally, only portions of the Mathematics 9 curriculum will be studied, with the actual amount dependent upon student achievement during the course. In general, after completing Workplace Math 9, students will proceed to Workplace Mathematics 10. Should a student demonstrate sufficient mastery of basic skills, teachers may recommend that a student proceed to Math 9.

## **GRADE 10-12 COURSES**

### **MA: WORKPLACE MATHEMATICS 10**

**Recommended:** Workplace Math 9 OR Math 9 with recommendation of Math 9 Teacher

This course is designed to provide students with the mathematical understandings and critical thinking skills needed for entry into the majority of trades and for direct entry into the work force. The core curriculum consists of computational fluency, geometry, measurement, data and graph analysis, probability, trigonometry, and financial literacy. Ministry of Education requirements for this course can be found at:

<https://curriculum.gov.bc.ca/curriculum/mathematics/10/courses>

Students with a credit for Workplace Mathematics 10 are eligible to take Workplace Mathematics 11.

### **MA: MATHEMATICS 10 FOUNDATIONS OF MATHEMATICS AND PRE-CALCULUS**

**Prerequisite:** Mathematics 9

This course combines mathematical knowledge with curricular competencies in problem solving, reflection, and communication skills to help students develop multiple approaches to mathematics. The core curriculum consists of number operations, algebra, arithmetic sequences, linear functions, trigonometry, data analysis, and financial literacy. Ministry of Education requirements for this course can be found at:

<https://curriculum.gov.bc.ca/curriculum/mathematics/10/courses>

Students with a credit for Foundations of Mathematics and Pre-Calculus 10 are eligible to take Foundations of Mathematics 11 or Pre-Calculus 11.

### **MA: WORKPLACE MATHEMATICS 11**

**Recommended:** Workplace Mathematics 10

This course is designed to provide students with the mathematical understandings and critical thinking skills needed for entry into the majority of trades and for direct entry into the work force. The core curriculum consists of computational fluency, 3-D objects, rates of change, graph analysis, probability, statistics, and financial literacy, and will continue to focus on the mathematical processes learned in previous mathematics courses. Ministry of Education requirements for this course can be found at:

<https://curriculum.gov.bc.ca/curriculum/mathematics/11/courses>

Students with a credit for Workplace Mathematics 11 are eligible to take Apprenticeship Mathematics 12.

\*Students and parents are encouraged to research the admission requirements for post-secondary programs since they vary from institution to institution and from year to year

# COURSE DESCRIPTIONS – Mathematics

## **MA: MATHEMATICS 11 FOUNDATIONS**

**Prerequisite:** Mathematics 10 Foundations and Pre-calculus 10

This course is designed to provide students with the mathematical understandings and critical thinking skills needed for post-secondary studies in the arts. Students and parents are encouraged to research the admission requirements for post-secondary programs since they vary from institution to institution and from year to year. The core curriculum consists of mathematical reasoning, angle relationships, graph analysis, applications of statistics, scale models, as well as financial literacy, and will continue to focus on the mathematical processes learned in previous mathematics courses. Detailed outcomes can be found at: <https://curriculum.gov.bc.ca/curriculum/mathematics/11/courses>

Students with a credit for Foundations of Mathematics 11 are eligible to take Foundations of Mathematics 12.

## **MA: MATHEMATICS 11 PRE-CALCULUS**

**Prerequisite:** Mathematics 10 Foundations and Pre-calculus 10

This course is designed to provide students with the mathematical understandings and critical thinking skills needed for post-secondary studies in the sciences. Students and parents are encouraged to research the admission requirements for post-secondary programs since they vary from institution to institution and from year to year. The core curriculum consists of algebra, functions, financial literacy, and trigonometry, and will continue to focus on the mathematical processes learned in previous mathematics courses. Detailed outcomes can be found at:

<https://curriculum.gov.bc.ca/curriculum/mathematics/11/courses>

Students with a credit for Pre-Calculus 11 are eligible to take Pre-Calculus 12

## **MA: PRE-AP ENRICHED MATHEMATICS 11 (PRE-CALCULUS)**

**Prerequisite:** Mathematics 10 Foundations and Pre-calculus 10 or Pre-AP Honours Mathematics 9/10

**Recommended:** “A” in Foundations of Mathematics and Pre-calculus 10 or Pre-AP Honours Mathematics 9/10

This course is designed for highly motivated students who have demonstrated strong mathematical ability. All the topics of Pre-calculus 11 will be covered in a more enriched and accelerated level than in the regular Pre-calculus 11 course. Students taking this course are expected to participate in various math competitions.

## **MA: WORKPLACE MATHEMATICS 12**

**Recommended:** Workplace Math 11

This course is designed to provide students with the mathematical understandings and critical thinking skills needed for entry into the majority of trades and for direct entry into the work force. The core curriculum consists of measurement, geometry, algebra, workplace mathematics, and financial literacy, and will continue to focus on the mathematical processes learned in previous math courses as well as to foster new skills. Detailed outcomes can be found at:

<https://curriculum.gov.bc.ca/curriculum/mathematics/12/courses>

\*Students and parents are encouraged to research the admission requirements for post-secondary programs since they vary from institution to institution and from year to year.





# COURSE DESCRIPTIONS – Modern Languages

## GRADE 8 - 9 COURSES

### **LANG: FRENCH 8**

#### **No Prerequisite**

This course builds on the work and skills developed in grades 5, 6 and 7, and focuses on communication skills. Students will participate in a variety of activities such as conversations, role-plays, "sondages" and skits. This course stresses oral skills, cooperation, and a willingness to participate in class activities. Written work and projects will be used to reinforce the speaking component.

### **LANG: FRENCH 9**

#### **Prerequisite:** French 8

This course continues to build on the communication skills developed in Grade 8. Using authentic, everyday situations, students will develop their vocabulary and grammatical skills through oral and written work. The French 9 text will be decided at a later date. Active participation is the key to success in this course.

### **LANG: JAPANESE 9**

#### **No Prerequisite**

This introductory course is open to anyone in grades 9 or 10. The course covers the four major aspects of language learning (reading, writing, listening, and speaking), with an emphasis on fun. At the end, students should be able to communicate simple ideas at home, school, and around town. This course's cultural component features extensive use of recent media, such as anime, film, manga and movies.

### **LANG: SPANISH 9**

#### **No Prerequisite**

This beginners' course is an introduction to the Spanish language. We will use the communicative approach. Students will be able to express themselves in simple sentences based on themes such as school, friends, leisure activities, and food. Several of the 20 Spanish-speaking countries will be explored along with Latin music, fiestas, and other cultural aspects. We will use the Realidades Uno textbook, videos, and listening activities.

## GRADE 10 - 12 COURSES

### **LANG: CORE FRENCH 10**

#### **Prerequisite:** French 9

This course places an equal emphasis on oral and written skills. Students will be encouraged to express themselves both orally and in written work ("en français") in the past, present and future. Oral presentations and written projects will provide a fairly complex practical level of French as communication.



# COURSE DESCRIPTIONS – Modern Languages

## **LANG: CORE FRENCH 11**

**Prerequisite:** Core French 10

Successful completion of French 11 satisfies the second language requirement for university. It incorporates the four main language skills: listening, speaking, reading and writing, with the emphasis on communication. Culture is also an integral component of the program.

## **LANG: CORE FRENCH 12**

**Prerequisite:** Core French 11

This course emphasises on communication. At this level, reading and writing skills are more fully developed.

## **LANG: JAPANESE 10**

**Prerequisite:** Japanese 9

Building on last year's course, students deepen their knowledge of Japanese language components, such as katakana and some (minimal) kanji. Again, all four major aspects (reading, writing, listening, and speaking) return, with care given to exploring what is interesting and enjoyable about Japan and its culture. Media once again plays a significant role in learning.

## **LANG: JAPANESE INTRODUCTORY 11**

**No Prerequisite**

This is an intensive course that combines both Japanese 9 and Japanese 10. It is intended for grade 11 or 12 students who are undertaking the study of Japanese for the first time. Students will learn to read and write both the hiragana and katakana phonetic scripts and a limited number of kanji. Emphasis will also be placed on the development of oral/aural skills. Japanese culture will be introduced with the aid of videos, field trips, projects and hands-on activities.

## **LANG: JAPANESE 11**

**Prerequisite:** Japanese 10 or Japanese Introductory 11

This course counts toward university requirements, with regard to second language courses. Once more, fun is emphasized, while we explore all language aspects to a greater depth, and with more complexity. Culture, in particular, gains a greater significance this time.

## **LANG: JAPANESE 12**

**Prerequisite:** Japanese 11

This course enables students to develop more complex conversations within their linguistic experiences and areas of interest. Students will learn to read and write approximately 100 more Kanji. Additional study will continue on various cultural topics.

## **LANG: SPANISH 10**

**Prerequisite:** Spanish 9 or teacher permission

This course is a continuation of Spanish 9. This course will emphasize language students must know for discussing family, home, shopping and travel. This course will also emphasize language structures including irregular present tense, past tense, and commands. Students will also expand their vocabulary and improve their reading skills through a novel study.



## COURSE DESCRIPTIONS – Music



### **GRADE 8 MUSIC COURSES**

#### **CHORAL MUSIC: CONCERT CHOIR 8**

**No Prerequisite:** Previous music experience is preferred, but not required.

Choir is a linear course meeting once to twice a week after school as the 9<sup>th</sup> course. Students will be introduced to healthy singing techniques, vocal projection, solfege syllables, performance etiquette and basic understanding of music notation. Various musical styles will be explored across genres and styles from the Renaissance to modern pop music. This is a performance-based course. Regular attendance to rehearsals, active and engaged participation are an integral part of course work. Based on teacher's digression, students may have the opportunity to perform outside of school, e.g. community events, festivals, adjudicated performances, and overnight choir trips.

#### **INSTRUMENTAL MUSIC: JUNIOR CONCERT BAND 8**

**No Prerequisite:** Elementary Band experience is recommended, but not required.

This course is open to all grade 8 students who want to learn and develop instrumental skills and musicianship while performing in an ensemble. Students will have the opportunity to practice imaginative play, creative expressions, and teamwork skills, while performing a variety of musical styles from traditional band marches, dance, jazz, and contemporary music. Regular home practicing and attendance at performances are mandatory for success in this course.

#### **INSTRUMENTAL MUSIC: INTERMEDIATE CONCERT BAND 8**

**Prerequisite:** Minimum 2 years of instrumental band experience is strongly recommended.

This course is for students who have previous instrumental skills and can perform music in more than 2 keys. Students will develop ensemble and teamwork skills, while advancing on instrumental skills. Course curriculum also includes technique building, music literacy, critical listening, and self-reflection after performance. Students will perform music across various genres from traditional concert marches to movie themed popular music. This is a performance-based course that requires regular home practicing. Attendance to all performances is required and a big part of the course work. Students may have the opportunity to perform outside of school, including adjudicated performances in local, provincial, and national festivals.

# COURSE DESCRIPTIONS – Music

## GRADE 9/10 MUSIC COURSES

### **INSTRUMENTAL MUSIC: BEGINNING BAND 9/10**

**No Prerequisite:** Previous band experience is recommended, but not required.

This course is open to all grade 9 students who want to learn or continue to develop musicianship and instrumental skills in a band ensemble. Students will have the opportunity to practice imaginative play, creative expressions, and teamwork skills, while learning to perform a variety of musical styles. This is a performance-based course. Regular home practicing and attendance at performances are necessary for success in this course.

### **CHORAL MUSIC: CONCERT CHOIR 9/10**

**No Prerequisite:** Previous music experience is preferred, but not required.

Choir is a linear course meeting once to twice a week after school as the 9<sup>th</sup> course. Students will be introduced to healthy singing techniques, vocal projection, solfege syllables, performance etiquette and basic understanding of music notation. Various musical styles will be explored across genres and styles from the Renaissance to modern pop music. This is a performance-based course. Regular attendance to rehearsals, active and engaged participation are an integral part of course work. Based on teacher's digression, students may have the opportunity to perform outside of school, e.g. community events, festivals, adjudicated performances, and overnight choir trips.

### **INSTRUMENTAL MUSIC: GUITAR 9/10**

**No Prerequisite**

This is a beginning music course that is open to students with no or minimal guitar skills. Guitar players who wish to improve on technical abilities, understanding of music notation and theory are welcome. Included in this course are an introduction to music notation, basic theory, guitar chords and strumming patterns, finger-picking skills, rhythm and blues, tab-notation, ear-training, song analysis, and composition. Students will have opportunities to perform in class, work independently, with partners and in small groups. Guitars are provided at the school. However, owning a guitar is recommended for home practicing. Advanced guitar players have the option of working on their own guitar inquiry projects.



## COURSE DESCRIPTIONS – Music

### **INSTRUMENTAL MUSIC: INTERMEDIATE BAND 9/10**

**Prerequisite:** Minimum 2 years of instrumental band experience is strongly recommended.

This course is for students with previous band experience who wishes to advance in their musical skills in an ensemble. There will be continued development in musicianship, instrumental skills, ensemble listening, advancing technique and musicality. Course curriculum also includes technique building, music literacy, critical listening, and self-reflection after performance. Students will perform music across various genres from traditional concert marches to movie themed popular music. This is a performance-based course that requires regular home practicing. Attendance to all performances is required and a big part of the course work. Students may have the opportunity to perform outside of school, including adjudicated performances in local, provincial, and national festivals.

### **INSTRUMENTAL MUSIC: SENIOR CONCERT BAND 10**

**Prerequisite:** Instrumental Music: Concert Band 9 and above, or minimum 4 years of instrumental band experience.

This course is for students with previous band experience, minimum 4 years, who wishes to advance their instrumental skills and musician professionalism. There will be continued advancement in technique, ear-training, ensemble listening skills, as well as creating artistic meaning through articulation, phrasing and expressions. Students will learn band repertoire in various genres: from traditional marches to modern day and popular or movie themed music. Since this is a performance-based course, regular home practice and attendance at performances are crucial part of the course work. Students in this group will likely perform outside of the school, including participation at festivals, competitions, and adjudicated performances in local, provincial, and national-wide festivals.

### **INSTRUMENTAL MUSIC: JAZZ BAND 9/10**

**Prerequisite:** Concert Band 8/9 or by teacher recommendation.

This course is for students who have minimum 3 years of experience playing on their instrument and is ready to take their musicality to the next level. Students will learn to interpret standard jazz literature and style, and introduce to simple improvisation (solos). As Jazz Band is offered through the RVS school, active participation on the course Moodle site, regular practice, and attendance to all in person rehearsals are crucial part of the course work. Students in this group will likely perform outside of school in festivals, competitions, adjudicated performances.

# COURSE DESCRIPTIONS – Music

## GRADE 11 - 12 COURSES

### **INSTRUMENTAL MUSIC: BEGINNING BAND 11/12**

#### **No Prerequisite**

This course is open to students who want to learn to play a band instrument. The students will be able to join other band courses after completing this course. Please speak with Ms. Chan if you have questions.

### **CHORAL MUSIC: CONCERT CHOIR 11/ 12**

**No Prerequisite:** Previous music experience is preferred, but not required.

Choir is a linear course meeting once to twice a week after school as the 9<sup>th</sup> course. Students will be introduced to healthy singing techniques, vocal projection, solfege syllables, performance etiquette and basic understanding of music notation. Various musical styles will be explored across genres and styles from the Renaissance to modern pop music. This is a performance-based course. Regular attendance to rehearsals, active and engaged participation are an integral part of course work. Based on teacher's digression, students may have the opportunity to perform outside of school, e.g. community events, festivals, adjudicated performances, and overnight choir trips.

### **INSTRUMENTAL MUSIC: GUITAR 11/12**

#### **No Prerequisite**

This is a beginning music course that is open to students with no or minimal guitar skills. Guitar players who wish to improve on technical abilities, understanding of music notation and theory are welcome. Included in this course are an introduction to music notation, basic theory, guitar chords and strumming patterns, finger-picking skills, rhythm and blues, tab-notation, ear-training, song analysis, and composition. Students will have opportunities to perform in class, work independently, with partners and in small groups. Guitars are provided at the school. However, owning a guitar is recommended for home practicing. Advanced guitar players have the option of working on their own guitar inquiry projects.

### **INSTRUMENTAL MUSIC: INTERMEDIATE BAND 11/12**

**Prerequisite:** Minimum 1 year of instrumental band experience.

This course is for students with previous band experience who wishes to advance in their musical skills in an ensemble. There will be continued development in musicianship, instrumental skills, ensemble listening, advancing technique and musicality. Course curriculum also includes technique building, music literacy, critical listening, and self-reflection after performance. Students will perform music across various genres from traditional concert marches to movie themed popular music. This is a performance-based course that requires regular home practicing. Attendance to all performances is required and a big part of the course work. Students may have the opportunity to perform outside of school, including adjudicated performances in local, provincial, and national festivals.

### **INSTRUMENTAL MUSIC: SENIOR CONCERT BAND 11/12**

**Prerequisite:** Concert Band 9/10 or minimum of 4 years of instrumental band experience.

This course is for students with previous band experience, minimum 4 years, who wishes to advance their instrumental skills and musician professionalism. There will be continued advancement in technique, ear-training, ensemble listening skills, as well as creating artistic meaning through musicality and expressions. Students will learn band repertoire in various genres: from traditional marches to movie theme and popular music. Since this is a performance-based course, regular home practice and attendance at performances are crucial part of the course work. Depending on the year, this ensemble may participate at festivals and competitions, adjudicated performances in local, provincial, and national-wide festivals.



## COURSE DESCRIPTIONS – Music

### **INSTRUMENTAL MUSIC: JAZZ BAND 11/12**

**Prerequisite:** Junior Jazz Band or by teacher recommendation only.

The Jazz Band is a “show band” that runs linear and outside of timetable as the 9<sup>th</sup> course. This course is for dedicated musicians who have minimum 3 years of experience playing on their instruments and are ready to take their music journey to the next level! Students will learn to interpret jazz literature, style, and work on improvisation solos in class and in performances. As Jazz Band is offered through the RVS school, active participation on the course Moodle site, regular practice, and attendance to all in person rehearsals are crucial part of the course work. Students in this group will likely perform outside of school in festivals, competitions, adjudicated performances.

### **COMPOSITION & PRODUCTION 11/12**

**Prerequisite:** For students who are already creating music. This course can also be taken as a self-directed study (IDS course).

This course provides school credits for students who are already actively creating music and are seeking mentorship with their works. Study topics such as melody writing, harmony, orchestration, ear-training and arranging. This course focuses on growth as a composer and producer, creating music with increasing complexity of texture. Students will have the opportunity to work in the electronic music field. Equipment needed include a computer device and a music production program application.



# COURSE DESCRIPTIONS – Physical Education

## GRADE 8 COURSE

### **PHE: PHYSICAL AND HEALTH EDUCATION 8**

#### **No prerequisite**

This course addresses the concepts of physical literacy, healthy and active living, social and community health, and mental well-being. An introduction to team and individual pursuits will be undertaken, with an emphasis on active participation and personal and social responsibility. Students will also learn about the core components of fitness, as well as strategies to pursue healthy living goals. Healthy Living sessions will address the short and long term consequence of health decisions, and will examine strategies related to mental well-being through a variety of topics.

## GRADE 9/10 COURSES

### **PHE: PHYSICAL AND HEALTH EDUCATION 9**

#### **Prerequisite:** Physical and Health Education 8

This course builds upon the learning standards and “Big Ideas” of PHE 8. Team sports and individual pursuits will be addressed at a higher level than in the grade 8 course, and new sports and activities will be introduced. Again, the additional concepts of healthy and active living, social and community health, and mental well-being will be explored through the extension of previous topics, and the introduction of new ones. Areas of evaluation include active participation, skill acquisition, fitness assessments, and classroom based evaluation.

### **PHE: PHYSICAL AND HEALTH EDUCATION 10**

#### **Prerequisite:** Physical and Health Education 9

In addition to team and individual pursuits, students will continue to explore and refine their understanding of the “Big Ideas” of PHE, as well as refine and enhance learning within the curricular competencies. Additional topics in areas such as mental health, nutrition and CPR will be undertaken. As with PHE 8 and 9, students are expected to demonstrate active participation, and continue to be ambassadors of Palmer P.R.I.D.E.

### **PHE: PHYSICAL AND HEALTH EDUCATION BASKETBALL 9**

#### **Prerequisite:** Physical and Health Education 8 or 9, and a strong aptitude for basketball.

PHE 9 Basketball covers the 9 PHE curriculum from a basketball perspective with emphasis on the main fundamental motor skills required for basketball. The course is designed for the serious fan of basketball with a desire to learn about the game from a number of different perspectives. The course will isolate the important physical attributes for the sport and students will embark upon a program to improve these qualities. Students will learn about the rules of the game and will volunteer at home basketball games as referees and minor bench officials. Core curriculum topics such as mental health will still be covered in this course.

### **PHE: PHYSICAL AND HEALTH EDUCATION BASKETBALL 10**

#### **Prerequisite:** Physical and Health Education 8 or 9, and a strong aptitude for basketball.

PHE 10 Basketball covers the 10 PHE curriculum from a basketball perspective with emphasis on the main fundamental motor skills required for basketball. The course is designed for the serious fan of basketball with a desire to learn about the game from a number of different perspectives. The course will isolate the important physical attributes for the sport and students will embark upon a program to improve these qualities. Students will learn about the rules of the game and will volunteer at home basketball games as referees and minor bench officials. Core curriculum topics such as mental health will still be covered in this course.

# COURSE DESCRIPTIONS – Physical Education

## GRADE 11/12 COURSES

### **PHE: ACTIVE LIVING 11**

**Prerequisite:** Physical and Health Education 10

This course is an extension of PHE 10 with greater emphasis on activities that would encourage life time involvement of health and fitness. Student success is based upon active involvement and participation. In addition, Active Living 11 is designed to challenge the student's knowledge of sporting activities and the physiological components involved in participating at a higher level. Students will be given the opportunity to participate in a number of chosen parent/student/guardian funded enrichment activities throughout the year. Options may include: bowling, sumo wrestling, rock climbing, go-carting, self- defense and snowing shoeing. The cost of these enrichment activities will be approximately \$150.00. This fee will be required at the beginning of the course and can be paid through CashOnline.

### **PHE: PERSONAL FITNESS 11**

**Prerequisite:** Physical and Health Education 10

This course will provide students the opportunity to design and implement individual programs for personal fitness or sport specific conditioning. The course will be based out of the Weight Room, but will utilize additional facilities and equipment throughout the year. Strength training techniques will be examined in detail, as well as health and nutrition issues. Students will be expected to work independently towards achieving personal goals. If you require more information, please contact Mr. Strachan.

### **PHE: PHYSICAL AND HEALTH EDUCATION BASKETBALL 11/12**

**Prerequisite:** Physical and Health Education 10 and a strong aptitude for Basketball

PHE 11/12 Basketball covers the 11 and/or 12 PHE curriculum from a basketball perspective with emphasis on the main fundamental motor skills required for basketball. The course is designed for the serious fan of basketball with a desire to learn about the game from a number of different perspectives. The course will isolate the important physical attributes for the sport and students will embark upon a conditioning program to improve these qualities. Students will learn about the rules of the game and will volunteer at home basketball games as referees and minor bench officials. Students will also learn practical application of the care and prevention of common injuries associated with basketball and will assess and discuss common basketball issues through the use of video.



# COURSE DESCRIPTIONS – Physical Education

## **PHE: SPORTS LEADERSHIP 11/12**

**Prerequisite:** Teacher approval

This course will be a wonderful opportunity for students to experience working as a team to organize and run sport activities. Students will learn and develop leadership skills such as organization, communication, role modeling, collaboration and interpersonal abilities.

The hours required for this course will be completed outside of regular class hours and will primarily be involved with organizing and facilitating the lunch period sports program at Palmer. Each week, throughout the entire year, there will be two lunch time sessions and one classroom session. Responsibilities include - selecting and promoting activities, writing up rules, game schedules and results, providing PA announcements, setting up/taking down equipment, running the scorer's table, and refereeing games.

Final teacher approval will be necessary for students to be accepted into the class.

If you require more information, please contact Mr. Glover.

## **PHE: ACTIVE LIVING 12**

**Prerequisite:** Active Living 11

This course builds upon Active Living 11 and further emphasizes lifetime activities, specialized academic study in sports and athletics, the development of healthy living and its application to daily life. Specifically, Active Living 12 will continue to give students opportunities to participate in a number of parent/student/guardian funded enrichment activities, throughout the school year. The cost of these enrichment activities will be approximately \$150.00. This fee will be required at the beginning of the course and can be paid through CashOnline. Active involvement and participation are mandatory.

## **PHE: PERSONAL FITNESS 12**

**Prerequisite:** Personal Fitness 11

This course is an extension of the concepts covered in Personal Fitness 11. As with PF 11, students are required to function independently toward realizing their fitness goals. Students will work with a higher skill set and expectation level than in Personal Fitness 11. In addition, the course will provide an excellent foundation for those wishing to pursue a career or job options in the fitness industry, as well as strong basis for the life-long pursuit of fitness and healthy living.



# COURSE DESCRIPTIONS – Science

## **GRADE 8 – 9 COURSES**

### **SC: SCIENCE 8**

**Prerequisite:** Grade 7

Within the framework of the Communication, Thinking and Personal Social Core Competencies, Science 8 includes hands-on lab activities, inquiry projects, collaborative assignments and class work. This course also promotes positive attitudes toward science and an understanding of the importance of science in today's complex world. The Big Ideas include the understanding that: Life processes are performed at the cellular level, the behaviour of matter can be explained by the kinetic molecular theory and Atomic Theory, the Theory of Plate Tectonics is the unifying theory that explains Earth's geological processes and energy can be transferred as both a particle and a wave.

### **SC: SCIENCE 8/9 INCENTIVE**

**Required:** Accepted into the Incentive Program (*see description on page 15*).

This course is the first of a two-year accelerated Science curriculum where motivated and capable Incentive students cover three years of Science (8-10) in two years rather than the usual three. In this first course, Incentive Grade 8 students will cover the basic Science 8 curriculum and approximately half of the Science 9 curriculum. The scientific method of inquiry will be a central theme through all of the major units covered, including Life Processes, The Kinetic Molecular Theory, Plate Tectonics, Light and the Electromagnetic Spectrum and Electricity. Learning will focus on the development of scientific skills and processes, critical thought and increased scientific knowledge. Class activities will include discussion and debate, as well as enrichment opportunities such as independent student research, culminating in a mandatory Science Fair project. Pre-AP/Incentive students who successfully and satisfactorily complete this course may subsequently register for Science 9/10 Incentive.

### **SC: SCIENCE 9**

**Prerequisite:** Science 8

Within the framework of the Communication, Thinking and Personal Social Core Competencies, Science 9 includes hands-on lab activities, inquiry projects, collaborative assignments and class work. This course also promotes positive attitudes toward science and an understanding of the importance of science in today's complex world. During the year students will investigate Cell Division and the propagation of life, the Electron arrangement of atoms impacts their chemical nature and the Formation of Compounds, Electricity and electric current is the flow of electric charge and Interactions between the biosphere, geosphere, hydrosphere, and atmosphere are interconnected, as matter cycles and energy flows through them. This course involves laboratory experiments, demonstrations, and other activities.

### **SC: SCIENCE 9/10 INCENTIVE**

**Required:** Accepted into the Incentive Program (*see description on page 15*), as well as satisfactory completion of Science 8/9 Incentive.

This course is the second of a two-year accelerated Science curriculum where motivated and Incentive students cover three years of Science (8-10) in two years rather than the usual three. In this second course, Incentive Grade 9 students will cover the balance of the Science 9 course that started in Incentive Science 8, as well as the entire Science 10 curriculum. The scientific method of inquiry will continue to be a major theme through the study of topics such as: Genes as the foundation for the diversity of living things, energy is conserved and its transformation can affect living things and the environment, chemical processes require energy change as atoms are rearranged and the formation of the universe can be explained by the big bang theory. Laboratory activities will be used as a vehicle to develop the scientific approach to problem solving, as well as increased skills in scientific observation and interpretation. Class activities will include discussion and debate, as well as enrichment opportunities such as independent student research, culminating in a mandatory Science Fair project. Students will receive credit for Science 10 upon the successful completion of this course

# COURSE DESCRIPTIONS – Science

## GRADE 10 - 12 COURSES

### **SC: SCIENCE 10**

**Prerequisite:** Science 9

This course continues the development of scientific skills, knowledge and thinking abilities previously explored in Science 8 and 9. Laboratory activities emphasize the scientific approach to problem solving and the importance of scientific observations and interpretation. Big ideas specifically include: Genes as the foundation for the diversity of living things, energy is conserved and its transformation can affect living things and the environment, chemical processes require energy change as atoms are rearranged; and the formation of the universe can be explained by the big bang theory. The ultimate goal of the course is to help develop individuals who are aware, informed and concerned about the physical world.

### **SC: LIFE SCIENCES 11**

**Prerequisite:** Science 10

This is an introductory course intended to explore basic biological principles and study the varying complexities of living organisms. Students will study a range of organisms to understand the unique adaptations and abilities they have evolved. In addition, there will be an emphasis on using the scientific process and critical thinking skills for labs and class work. Laboratory work, including a variety of animal and plant dissections, will be an integral part of this course.

Topics include:

- Methods and principles of Biology
- Cell Biology: Cellular Structure and Processes
- Genetics, Evolution, and Taxonomy: The Diversity of Life
- Microbiology: Viruses, Bacteria, Protists
- Mycology: Fungus and their variants
- Botany: From Seaweed to Swordferns, From Spruce to Sunflowers
- Zoology: From Sponges to Seastars, From Fish to Foxes
- Ecology: The Interconnectedness of Life

### **SC: LIFE SCIENCES 11 ENRICHED**

**Prerequisite:** Science 10

**Recommended:** B or better in Science 10

This is an accelerated and enriched course intended to explore basic biological principles and study the varying complexities of living organisms. The course will cover all the content from Life Science 11 with additional material intended to help students prepare for Anatomy & Physiology 12 and AP Biology 12. There will be an emphasis on using the scientific process and critical thinking skills for labs and class work. Laboratory work, including animal and plant dissection, will be an integral part of this course.

Topics include:

- All content listed under Life Science 11
- Phylogeny and classification
- Ecology and population genetics
- Genetics and Hardy-Weinberg Equilibrium
- Photosynthesis
- Animal Behaviours and interactions

# COURSE DESCRIPTIONS – Science

## **SC: CHEMISTRY 11**

**Prerequisite:** Science 10 and Math 10

**Recommended:** C+ or better in both Science 10 and Math 10

This is an introductory course, which emphasizes laboratory technical skills, observation of experimental phenomena, problem solving and analysis of data to verify scientific principles. Topics include: description of matter, classification of matter, periodic table, atomic theory, naming compounds, mole concept, stoichiometry, aqueous ionic reactions, and organic chemistry. Many options such as nuclear chemistry, gases, biochemistry, environmental and industrial chemistry will be offered. A scientific calculator will be necessary as this course involves mathematical problem-solving.

## **SC: PHYSICS 11**

**Prerequisite:** Science 10 and Math 10

**Recommended:** C+ or better in both Science 10 and Math 10, and Math 11 taken concurrently

This course is a survey of some of the important topics in Physics. The areas of study will include the study of motion and forces, DC circuits, energy, wave motion applied to either sound or light and Einstein's theory of special relativity. The course is intended to introduce students to the ideas and discipline of Physics. Students will take part in classroom discussions, experiments, classroom demonstrations, and student projects. The emphasis of the course will be the use of principles of Physics to describe the world and to utilize these principles in problem solving. Curricular competencies such as work ethic, critical thinking, science communication and problem solving are promoted through the content of the course. A scientific calculator is required.

## **SC: SCIENCE FOR CITIZENS 11**

**Prerequisite:** Science 10 or by permission/placement.

**NOTE:** This course fulfills the basic science graduation requirement for students not planning on attending university.

The big ideas in this course cover: 1) scientific processes and knowledge that inform our decisions and impact our lives, 2) scientific knowledge that can be used to develop procedures, techniques and technologies related to employment, and 3) how scientific understanding enables humans to respond and adapt to changes locally and globally. Skills for questioning, predicting, planning, processing and analyzing data, and evaluating form the core competencies for this course.

## **SC: ANATOMY & PHYSIOLOGY 12**

**Recommended:** C+ standing or better in Life Sciences 11 and Chemistry 11

This course explores the functions and organization of the human body and is intended for those students with a keen interest in the life sciences and/or those students wishing to pursue biological studies at the post-secondary level. Prior knowledge of the basic principles of chemistry and biology acquired from Science 10, Life Sciences 11, and Chemistry 11 will definitely benefit students in the biochemistry and cell biology topics as the course weaves these concepts together to further understand how the body functions.

Topics include:

- Biochemistry: The Chemistry of Biological Molecules in Living Organisms.
- Cell Structures and Function.
- Cell Processes: Metabolism, Biochemical Reactions, Enzymes, Cell Transport.
- DNA, Protein Synthesis, Gene Regulation and Mutation, Cancer.
- Human Organ Systems: Structure, Function and Interconnectedness of Digestion, Respiration, Circulation, Excretion, Nervous, Endocrine, and Reproduction.

# COURSE DESCRIPTIONS – Science

## SC : ANATOMY & PHYSIOLOGY 12 ENRICHED

**Recommended:** B standing or better in Life Sciences 11 and Chemistry 11

This course explores the functions and organization of the human body and is intended for those students with a keen interest in the life sciences and/or those students wishing to pursue biological studies at the post-secondary level. This course is recommended as a pre-requisite for or taken concurrently with AP Biology 12 to adequately prepare students for the AP exam. Prior knowledge of the basic principles of chemistry and biology acquired from Science 10, Life Sciences 11, and Chemistry 11 will be of benefit students in the biochemistry and cell biology topics as the course weaves these concepts together to further understand how the body functions.

Topics include:

- All the content listed under Anatomy & Physiology 12
- Control of enzymatic reactions
- Gene expression and control
- Additional content related to human body systems

## SC: ADVANCED PLACEMENT BIOLOGY 12

**Prerequisite:** B or better in Life Sciences 11 or Life Sciences 11 Enriched, B or better in Anatomy & Physiology 12 or Anatomy & Physiology 12 Enriched **OR** taking Anatomy & Physiology 12 or Enriched concurrently.

**Recommended:** B or better in Chemistry 11

AP Biology 12 is designed to be the equivalent of first year university level biology and is therefore more challenging than Biology 12. The content of AP Biology can be successfully completed only if students have completed Life Science 11 and Anatomy & Physiology 12 previously, or if they are taking Anatomy & Physiology 12 concurrently with AP Biology 12. Life Science 11 Enriched and Anatomy & Physiology 12 Enriched are strongly recommended to build a better foundation for AP Biology 12. An important component of the AP Biology course is extended laboratory work. There are mandatory laboratory experiments that must be completed by all students, as these labs are examinable on the AP Biology exam. Success in the AP Exam also provides students with post-secondary credit for the equivalent courses. To qualify for first year university chemistry credit, students must obtain school credit and a minimum score of 4 (four) on the Advanced Placement College Board Biology Examination written in early May. All institutions may not give this credit though local universities such as UBC and SFU do.

Topics include:

- Ecology, phylogeny, and evolution
- Gene expression and control
- DNA and genomics
- Cellular respiration and photosynthesis
- Statistical analysis
- Additional content related to human body systems

## SC: CHEMISTRY 12

**Prerequisite:** Chemistry 11

**Recommended:** C+ or better in Chemistry 11 and Math 11

This course requires a solid foundation of the principles of Chemistry 11 to study at an advanced and demanding level the topics of: kinetics, chemical equilibrium, solubility, acids and bases, and electrochemistry. Substantial laboratory work will be required and involve quantitative and qualitative analysis. Emphasis will be placed on problem solving, conceptual understanding and critical thinking.



## COURSE DESCRIPTIONS – Science

### SC: ADVANCED PLACEMENT CHEMISTRY 12

**Prerequisite:** Chemistry 11

**Recommended:** B or better in Chemistry 11

This course is designed to be the equivalent of the general chemistry course usually taken during the first year of university or college. This course may enable some students to undertake second year work in chemistry or to register in courses in other fields where chemistry is a prerequisite. For other students, the Advanced Placement Chemistry course may fulfill the laboratory science requirement. Topics to be covered include: Structure of Matter, Organic Chemistry, States of Matter, Descriptive Chemistry, Reactions, and Laboratory. To qualify for first year university chemistry credit, students must obtain school credit and a minimum score of 4 (four) on the Advanced Placement College Board of Chemistry Examination written in early May. All institutions may not give this credit. UBC and SFU do.

**Note:** This course is offered in combination with Chemistry 12. Students must have completed Chemistry 12 or take it concurrently with AP Chemistry.

### SC: PHYSICS 12

**Prerequisite:** Physics 11 and Math 11

**Recommended:** C+ or better in Physics 11 and Math 11, and Math 12 taken concurrently

This course is intended for students continuing their study of the discipline. Thus the treatment of the topics is mathematically more rigorous than Physics 11. The topics studied in this course include two dimensional motion and forces, energy, circular motion, and electricity and magnetism. Students will get the opportunity (for example, lab design) to develop inquiry and critical thinking skills. With hands on activities and group work, students will develop communication skills and social responsibility. Work ethic, critical thinking, science communication and problem solving are promoted through the content of the course. A scientific calculator is required.

### SC: ADVANCED PLACEMENT PHYSICS

**Prerequisite:** Physics 11 and Math 11

**Recommended:** Physics 12 and Math 12, concurrently

This course is intended for students who have a special interest in Physics and plan to continue studying physics, engineering, mathematics or computing. AP Physics is equivalent to a one-semester algebra-based university course in mechanics, waves, and electricity. During this course students will study kinematics and dynamics, conservation laws, rotation, gravitation, simple harmonic motion, and DC circuits. Students will be encouraged to write the AP exam at the end of the year as well as numerous Physics contest exams.

### SC: ADVANCED PLACEMENT PSYCHOLOGY

**Prerequisite:** There are no prerequisites for AP Psychology except for the general application to all AP Courses.

**Recommended:** Minimum Grade 10 age with B or higher in Sciences, Socials, and/or English.

The AP Psychology course introduces students to the systematic and scientific study of human behaviour and mental processes. While considering the psychologists and studies that have shaped the field, students explore and apply psychological theories, key concepts, and phenomena associated with such topics as the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatment of abnormal behavior, and social psychology. Throughout the course, students employ psychological research methods, including ethical considerations, as they use the scientific method, analyze bias, evaluate claims and evidence, and effectively communicate ideas.

**More information is available from the AP College Board Website:**

[http://apcentral.collegeboard.com/apc/public/courses/teachers\\_corner/2265.html](http://apcentral.collegeboard.com/apc/public/courses/teachers_corner/2265.html)

**Note:** This course will be offered off the regular timetable (in conjunction with RVS). Weekly meeting times to be determined.

# COURSE DESCRIPTIONS – Social Studies

## GRADE 8 – 9 COURSES

### **SS: HUMANITIES 8**

**Prerequisite:** Grade 7

This combined studies course focuses on the development of basic knowledge and application of skills in both the English and Social Studies curricula. Humanities 8 allows students to develop their Communication, Thinking, and Personal and Social core competencies. The influence of language and text to understand ourselves and make connections to others and the world is explored. The role of contacts, conflicts, and environment are analyzed to determine significant cultural, social, and political changes during the time period of the 7th century to the 1750's. These big ideas are further developed through an examination of the Middle Ages and the Renaissance. Geography knowledge and skills previously acquired in Grade 7 are reinforced and expanded. In literature, emphasis is placed on reading comprehension and student inquiry. Reading selections will include novels, short stories, poems, non-fiction, and historical texts to emphasize universal themes in the content area.

### **SS: INCENTIVE HUMANITIES 8**

**Required:** Accepted into the Incentive Program (*See Pre-AP/Incentive section on page 15*).

This combined studies course focuses on the development of advanced knowledge and application of skills in both the English and Social Studies curricula. Humanities 8 Incentive allows students to develop their Communication, Thinking, and Personal and Social core competencies. The influence of language and text to understand ourselves and make connections to others and the world is explored. The role of contacts, conflicts, and environment are analyzed to determine significant cultural, social, and political changes during the time period of the 7th century to the 1750's. These big ideas are further developed through an examination of the Middle Ages, the Renaissance, the Tudors, and the Reformation. Geography knowledge and skills previously acquired in Grade 7 are reinforced and expanded. In literature, emphasis is placed on reading comprehension and writing skills. Reading selections will include novels, short stories, poems, non-fiction, and historical texts to emphasize universal themes in the content area. This course includes additional enrichment activities ranging from independent study to extended group discussion and debate, as well as integrated individual and group inquiry projects. Students will be expected to pursue areas of special interest to develop critical and creative thinking skills.

### **SS: SOCIAL STUDIES 9**

**Prerequisite:** Humanities 8

This course will cover major issues in Western Civilization from the 17th - 19th centuries focusing on Pre-Confederation Canada and the political, social, economic, and technological revolutions. The continuing effects of imperialism and colonialism on indigenous peoples will be shown together with global demographic shifts. Issues of nationalism and conflict in the development of modern nation-states are studied. Geography will include physiographic features of Canada and geological processes.

### **SS: INCENTIVE SOCIAL STUDIES 9**

**Required:** Accepted into the Incentive Program (*See Pre-AP/Incentive section on page 15*).

In addition to covering the Social Studies 9 curriculum, this course will include additional enrichment activities ranging from independent study to extended group discussion and debate, as well as integrated research projects where students pursue areas of special interest to develop critical, analytical and creative thinking skills. A variety of topics will be drawn from history, geography, civics, and economics. Major issues from 1750-1919 will be explored in greater detail and depth, and linkages will be made to modern nation-states, including Canada.

# COURSE DESCRIPTIONS – Social Studies

## GRADE 10 – 12 COURSES

### **SS: SOCIAL STUDIES 10**

**Prerequisite:** Social Studies 9

The new Grade 10 Social Studies Curriculum will build on the same competencies first introduced in Social Studies 9 and Humanities 8. Students will develop their inquiry processes and skills to interpret, analyze and communicate their findings and decisions. Course content will include the development and function of our political institutions, political and economic ideologies, our changing identity and autonomy, conflicts and discriminatory policies as well as Canada's economic development and our role in the global economy. Emphasis will also be placed on First Peoples governance, and, truth and reconciliation.

### **SS: INCENTIVE SOCIAL STUDIES 10**

**Required:** Accepted into the Incentive Program (*See Pre-AP/Incentive section on page 15*).

This course covers the basic grade 10 curriculum with additional enrichment activities ranging from independent study to extended group discussion and debate, as well as integrated research projects. Students will be expected to pursue areas of special interest to develop critical and creative thinking skills.

### **SS: EXPLORATIONS IN SOCIAL STUDIES 11**

**Prerequisite:** Social Studies 10

This course is designed to provide flexibility for teachers and students while ensuring that the rigorous provincial curriculum standards are met. This is a survey course designed to peak student interest in locally relevant content. A sampling of topics to be selected from will include social, cultural, or technological innovations and developments in the 20th century, colonialism and contemporary issues for indigenous people in Canada and around the world, natural resource use and local, regional, national, or global development, rights of individuals in Canada



### **SS: INCENTIVE EXPLORATIONS IN SOCIAL STUDIES 11**

**Prerequisite:** Social Studies 10

**Required:** Accepted into the Incentive Program (*See Pre-AP/Incentive section on page 15*).

This course covers the basic grade 11 curriculum, with additional enrichment activities ranging from independent study to extended group discussion and debate, as well as integrated research projects. Student centered inquiry-based assignments will be a critical component of this course. Students will be expected to pursue areas of special interest to develop critical and creative thinking skills.

### **SS: 20<sup>th</sup> CENTURY WORLD HISTORY 12**

**Prerequisite:** Social Studies 10

This course focuses on the world in the 20th century beginning with the consequences of WWI. Fields of inquiry include: rise of authoritarianism, civil wars and independence movements, human rights movements, religious, ethnic, and cultural conflict, global conflicts, including WW1, WW2, and the Cold War, migration of people and immigration, international cooperation, social and cultural developments, mass consumption and rapid changes in communication and transportation technology. Strong oral and written communication skills are recommended.



# COURSE DESCRIPTIONS – Specialty Courses

## INDEPENDENT DIRECTED STUDIES (IDS) 11 or 12

### No Prerequisite

#### ***What is an Independent Directed Studies course and how does it fit with high school graduation?***

Independent Directed Studies courses enable students to initiate their own learning and receive credits towards graduation. These courses are intended to:

- expand course options for students
- allow students to pursue studies or projects in greater depth and further develop their passion

An IDS course can be an extension of one or more learning outcomes already identified in an existing Grade 11 or 12 course anywhere in BC. The course must be rigorous, well thought-out and co-developed through a consultative process. The standards for IDS courses are designed to maintain a high level of quality in the work undertaken. An IDS course is taken outside of the regular timetable. After the submission of applications, successful applicants will work with their IDS teacher to identify and develop the IDS course learning process and outcomes.

#### ***What are the potential benefits of participating in an IDS course?***

- become a self-directed, independent learner
- develop collaboration and networking skills
- reach beyond conventional course boundaries
- develop skills that will prepare you for post-secondary success
- develop critical thinking and problem-solving skills
- work with others with similar interests on a local or global basis
- opportunity to work with recognized community leaders
- add a *unique* dimension to your educational and/or post-secondary application portfolio

#### ***How can I register for an IDS course?***

**\*\*An information session will be offered in January prior to course selection with more information.**

- 1) Students (and/or pods) identify a focus area of interest/work with the IDS teacher and/or mentor to develop an IDS course outline including: learning outcomes, a facilitation and monitoring process, a process for evaluation and assessment, criteria for successful completion, and timeframes.
- 2) Submit an [IDS Application Form](#) before the course selections. (Approval of the application is required.)
- 3) Students should also identify a mentor (preferably a community member but he/she can also be a parent or teacher) that is willing to support them through the learning process.
- 4) Students must be able to work independently and meet deadlines.

#### ***How are credits assigned?***

An IDS course can be one, two, three or four credits depending upon the number of learning outcomes, depth of the proposal(s) and the number of hours allocated for completion.

- Currently only four credit proposals are accepted which is equivalent about 80-120 hours - like any full year course in the school.
- Successful completion of an IDS course includes clear documentation of work, criteria achieved, and a final presentation where applicable.

## COURSE DESCRIPTIONS – Specialty Courses

### **PALMER PEER TUTORING 11/12 (YIPS-2A)**

Students interested in the Palmer Peer Tutoring course must complete an application and be matched with grade 8 or 9 academic classes. If you are in grade 11/12 and are interested in Peer Tutoring, please complete an application form that is available in the office. The PT form is to be completed and returned with the course request forms on February 9, 2024.

#### **The following criteria is used for selection:**

- One Peer Tutor Block per Gr. 11/12 Student
- Excellent Management and Organizational Skills
- Excellent Record of Attendance
- Demonstrates Initiative
- Excellent Record of Punctuality
- Positive Relationship with PT Teacher Sponsor
- Knowledge of Subject Area
- Able to Work with Limited Supervision
- Respect for Confidentiality
- Reliable, Responsible, Confident, Mature Student
- Works Extremely Well with Peers & Younger Students

#### **Peer tutoring can benefit students by:**

- Increasing individual attention in the classroom
- Influence of a positive role model
- Gains in self-esteem and self-confidence
- Improving study habits
- Improving grades

### **STUDY BLOCK (Grade 12s Only)**

Grade 12 students are entitled to sign up for a study block so long as it does not affect their graduation. The intent of the study block is to provide students with time during the school day to work towards completion of classroom assignments. Study blocks may be revoked for misuse. Students must complete a consent form signed by parents or guardians.



# COURSE DESCRIPTIONS – Technology Education

## GRADE 8 COURSE

### **TE: APPLIED DESIGN, SKILLS AND TECHNOLOGY 8 - HOME ECONOMICS / TECHNOLOGY EDUCATION**

#### **No Prerequisite**

This course includes content for both Technology Education and Home Economics. It serves two major purposes. Firstly, as an exploratory course, it gives the students an introduction to the Home Economics and Technology Education shops where they will learn the safe operation of both hand and power machinery. Focus is on experimentation and the development of simple skills (measuring, marking, cutting) and the familiarity of the Tech Ed shops and Home Economics environments. Problem solving, creativity, and fine motor skills are developed. Secondly, it introduces the student to various areas of Technology Education and Home Economics so that the student may make informed choices of electives in subsequent years.

## METALWORK COURSES - GRADE 9-12

### **TE: METALWORK Grade 9 / Level 1**

#### **No Prerequisite**

This is a hands-on project-based course that introduces students to the concepts of engineering and provides an understanding of technology topics. Students will learn to employ the engineering design process to research, design, and build their projects. They will be encouraged to bring forward their design ideas, prototype and execute their own projects. Students will learn how to work in teams, solve real-world problems and manage projects. Skills that will be explored are construction and design, metal fabrication, and various metal joining processes.

### **TE: Youth Explore Welding, Sheet Metal & Design Trades Skills Grade 10, 11, & 12 (An Industry Training Authority sponsored & Ministry of Education course)**

#### **No Prerequisite**

**Recommended:** Completion of Metalwork, Woodwork or Drafting 9

**Course Credit:** Students will receive a Grade 12 Credit towards graduation.

*Youth Explore Trades Skills* is an engaging program in which **grades 10-12** students use hands-on learning to acquire skills and knowledge related to a variety of workplace sectors. In this course, students will take three modules, exploring three areas: Welding, Sheet Metal, and Design/Drafting. The fourth “Core” module covers employability skills, safe use of tools /materials, workplace culture and careers in the trades. This program is a partnership between the Ministry of Education and Industry Training Authority, and gives students 100 hours of practical experience. By taking this course, students will be in a position to better make informed future career choice options.

### **TE: METALWORK LEVEL 3**

**Prerequisite:** Youth Explore Metal Trades Skills

**Course Credit:** Grade 11

This course builds on the skills and fundamentals learned in *Youth Explore Metalwork Trade Skills*. This course immerses students in realistic career exploration experiences where they learn the technical skills needed for a wide range of careers related to engineering & metal fabrication. Students will learn to problem solve and manage a project while utilizing the engineering design process. As an extension of *Youth Explore Metalwork Trade Skills*, students will continue, through exploration, to design their own projects. They will be encouraged to examine the physical world and the technologies it contains.

Project work: May include a boat to take home, and/or approved projects of the students’ design.

# COURSE DESCRIPTIONS – Technology Education

## TE: METALWORK LEVEL 4

**Prerequisite:** Metalwork Level 3

**Course Credit:** Grade 12

This advanced course is for highly self-motivated students who would like to further develop their skills in Technology in order to pursue a career in a related field. This course is customized with individual projects and content is keyed to specific technical knowledge to match career interests and abilities of the students. Learning experience includes: review of past theories and hand tool practices, aspects of good design, advanced joining process, hand tool and machine safety, finishing procedures, machine tool maintenance & Metal shop leadership.

**Project work:** May include rebuilding an outboard motor, if the student made a boat in *Youth Explore Metalwork Trade Skills* &/or approved projects of the students' design.



## WOODWORK COURSES – GRADE 9-12

### TE: WOODWORK Grade 9 / Level 1

This course is an introduction to basic cabinet making with emphasis on procedures and safety practices. It employs power tools such as the planer, drill press, table saw, and compound miter saw as well as power hand tools such as the router, drill, and sanders. Three projects are made during the year: a small project using the scroll saw, a cutting board and a table.

### TE: Youth Explore Residential Trades Skills Grade 10, 11 & 12 (An Industry Training Authority sponsored & Ministry of Education course)

#### No Prerequisite

**Recommended:** Completion of Metalwork, Woodwork or Drafting Grade 9

**Course Credit:** Students will receive a Grade 12 Credit towards graduation.

Youth Explore Trades Skills is an engaging program in which **grades 10-12** students use hands-on learning to acquire skills and knowledge related to a variety of workplace sectors. In this course, students will take three modules, exploring three areas: **Carpenter**, **Electrician**, and **Plumber**. The fourth “Core” module covers employability skills, safe use of tools /materials, workplace culture and careers in the trades. This program is a partnership between the Ministry of Education and Industry Training Authority, and gives students 100 hours of practical experience. By taking this course, students will be in a position to better make informed future career choice options. Project work may include a garden shed sized structure with electrical & plumbing. Great skills for being handy around the home.

### TE: WOODWORK LEVEL 3

**Prerequisite:** Youth Explore Residential Trades Skills

**Course Credit:** Grade 11

This is an advanced course in cabinet making in which students are encouraged to build upon the skills they learned in their past two years of woodwork by designing and constructing their own designs. Learning experiences include: a review of past theories and hand tool practices, aspects of good design, advanced joinery details, design processes, hand tool and machine safety, finishing procedures and machine tool maintenance. A set project will be completed to update students on joinery techniques. As well, a major plan of the students own choosing will be drawn up, costed out and constructed.



# COURSE DESCRIPTIONS – Technology Education

## **TE: WOODWORK LEVEL 4**

**Prerequisite:** Woodwork Level 3

**Course Credit:** Grade 12

This is an advanced course in cabinet making in which students are encouraged to build upon the skills they learned in their past three years of woodwork by designing and constructing their own project. Learning experiences include: a review of past theories and hand tool practices, aspects of good design, advanced joinery details, design processes, hand tool and machine safety, finishing procedures, machine tool maintenance & Wood Shop leadership. A set project will be completed to update students on joinery techniques. As well, a major plan of the students own choosing will be drawn up, costed out and constructed.

## **DRAFTING COURSES – GRADE 9-12**

### **TE: DRAFTING AND DESIGN GRADE 9 or LEVEL 1**

**No Prerequisite** – Students in Grade 10, 11 or 12 take Level 1

**Course Credit:** Students in Grade 9 receive a Grade 9 Credit; Students in Grade 10, 11 or 12 receive a Grade 10 Credit

This hands-on course is an introduction to computer-aided drafting, 3D modeling, animation, photo manipulation, video production and coding that provides students the opportunity to explore the world of applied graphics. Students will learn and practice a variety of techniques and styles exploring the diverse capabilities of the computer as required in the industry. This course is strongly recommended for all students interested in the trades, technology, engineering, architecture, graphic design, industrial design, interior design, advertising, web development, film and animated production. The course is divided into different areas of study where the students will create projects such as: architectural floor plans, 3D animations, photograph manipulations and website coding and graphics. Programs used in this course may include: AutoCAD, Inventor, Sketch Up, 3D Studio Max, Maya, Adobe Photoshop and Adobe Premiere.

### **TE: DRAFTING AND DESIGN LEVEL 2**

**Prerequisite:** Drafting and Design Grade 9 Level 1

**Course Credit:** Grade 11

This course builds on the skills and fundamentals learned in Drafting and Design Grade 9 or Level 1. This hands-on course provides the opportunity to further discover and use the diverse capabilities of the computer in applied graphics. For a portion of the school year, students will be given the option of a more in-depth coverage of any aspect(s) of computer-aided design that most interests them. Programs used in this course may include: AutoCAD, Inventor, SketchUp, 3D Studio Max, Maya, Adobe Photoshop, Adobe Premiere and Java.



## COURSE DESCRIPTIONS – Technology Education

### **TE: DRAFTING AND DESIGN LEVEL 3**

**Prerequisite:** Drafting and Design Level 2

**Course Credit:** Students will receive a Grade 12 Credit towards graduation.

This course allows the self-motivated student the opportunity to further investigate the specific areas of engineering, architecture, mechanical design, animation, photoshop, video production and/or coding as possible career choices. The focus of this course can be on the design and manufacturing process as used in industry with specific 3D printed practical projects in mechanical engineering, civil/structural engineering and/or architecture with optional choices in interior design and landscape architecture. Or it may include animation or video production and 3D modeling, animation, photo manipulation and video production. As this course deals with real-world technical projects, students will be introduced to industry standards to better prepare them for future study in post-secondary institutes. An emphasis will be placed on career alternatives in the areas of engineering and architecture and/or visual arts, and abilities required for post-secondary education. Students will continue developing skills in programs such as: AutoCAD, Inventor, Revit, 3D Studio Max and Maya, and Java programming in the development of their portfolios.

### **TE: DRAFTING AND DESIGN LEVEL 4**

**Prerequisite:** Drafting and Design Level 3

**Course Credit:** Grade 12

This course is a continuation of **Computer Assisted Design** for the student who is highly self-motivated and wishes to learn as much as possible in order to pursue a career in a related field. Students have the opportunity to choose their own projects in the area(s) that most interest them with an emphasis on career preparation and investigation. This project-based course offers intensive study in programs such as: AutoCAD, Revit, 3D Studio Max, Maya, Adobe Photoshop and/or Adobe Premiere. Due to the diverse scope of this course, only highly self-motivated students with an interest in **Computer Assisted Design** should enroll.



# COURSE DESCRIPTIONS – Theatre



## GRADE 8 - 9 COURSES

### **TH: DRAMA 8**

#### **No Prerequisite**

This course is an introduction to creative drama. Students will explore the foundational skills of voice, movement, tableaux, and pantomime. Students will learn the basics of theatre, including blocking, scene structure, and storytelling. Students will develop their acting skills as well as their imaginations. No previous experience is necessary. This course is paired with Art 8.

### **TH: DRAMA 9**

#### **No Prerequisite**

This course is open to students with no drama background as well as to those who have taken Drama 8. Drama 9 offers many creative challenges and dives deeper into scene work, characterization, and choreography, through units such as stage combat, dance, radio plays, and readers theatre. Students will develop their acting skills as well as skills essential for public speaking and group work.

## GRADE 10 - 12 COURSES

### **TH: DRAMA 10**

#### **No Prerequisite**

**Recommended:** Drama 9

This course is an extension of Drama 9 and focuses on continuing to develop vocabulary, theatrical conventions and styles through presentation and performance skills. In Drama 10 the focus shifts from foundational skill building to individual skill application. Students will focus on demonstrating their learning by engaging in the live theatre production process. Unit examples include monologues, script analysis, as well as ensemble scenes.

### **TH: DRAMA 11**

#### **No Prerequisite**

**Recommended:** Drama 9 and/or 10

This course is an extension of Drama 10 and focuses on continuing to develop vocabulary, theatrical conventions and styles through presentation and performance skills. Students will be encouraged to begin creating original devised works, through units such as Commedia Dell'Arte and Greek Theatre. In addition to live theatre, students will also be encouraged to apply their knowledge and learned skills to film and new media productions.

### **TH: DRAMA 12**

#### **No Prerequisite**

**Recommended:** Drama 11

This course is an extension of Drama 11 and focuses on continuing to develop vocabulary, theatrical conventions and styles through presentation and performance skills. Students will continue building their knowledge of devised theatre by taking on scriptwriting and directing roles, and will begin exploring the world of technical theatre, including: lighting, sound, set design, and costuming. In addition to live theatre, students will also be encouraged to apply their knowledge and learned skills to film and new media productions.

# COURSE DESCRIPTIONS – Theatre

## **TH: DIRECTING & SCRIPTWRITING 12**

### **Prerequisite: Drama 11**

Instructor approval is required for enrollment.

This course focuses on a collaborative process that includes senior students leading junior students through warm-ups, and activities, in addition to script-work and directing. The first half of the course is dedicated to script analysis and script writing; the other half focuses on directing theory and practice. In order to complete this course, students must both successfully write a 10-minute play and direct and stage a 10-minute play (either their own or someone else's). Students should note that this is a very demanding course. Self-discipline is essential. Extra-curricular work is required.

## **TH: THEATRE COMPANY 10-12**

### **No Prerequisite**

Course enrolment requires admission by audition.

This course is intended for theatre students who excel in Palmer's Drama classes and are enthusiastic in developing their work further through script analysis, characterization, costume design, publicity and more. Through an after-school rehearsal process, students are able to apply practical skills to the spring theatre production.

This course is off timetable and coincides with Theatre Production. This course is not meant to replace Drama 10, Drama 11, or Drama 12. It is strongly recommended that students take both Theatre Company and Drama simultaneously. Students enrolled in Theatre Company are required to attend all scheduled rehearsals, technical runs, and performances.

## **TH: THEATRE PRODUCTION 10-12**

### **No Prerequisite**

Students will learn the basics of lighting, sound, set construction, prop making, and costume design, and have an opportunity to build skills in an area of interest. Everything that goes on backstage will be covered, with students producing the final mainstage production in the spring. This course is an excellent way to get involved in the performing arts.

This course is off timetable and coincides with Theatre Company. Students enrolled in Theatre Production are required to attend all scheduled meetings, technical runs, and performances.



## Graduation Requirements Checklist – Worksheet

*(Please refer to Page 9 to 12 in the Program Planning Guide for further graduation information).*

### **Required Courses**

**(52 Credits)**

- |   |                   |         |
|---|-------------------|---------|
| 1. An English Language Arts 10  | (4 credits) ..... | [     ] |
| 2. Socials 10   | (4 credits) ..... | [     ] |
| 3. Science 10   | (4 credits) ..... | [     ] |
| 4. A Math 10  | (4 credits) ..... | [     ] |
| 5. Physical and Health Education 10                                       | (4 credits) ..... | [     ] |
| 6. Literary Studies 11  | (4 credits) ..... | [     ] |
| 7. A Science 11   | (4 credits) ..... | [     ] |
| 8. Explorations in Social Studies 11 OR a Socials 12                      | (4 credits) ..... | [     ] |
| 9. A Math 11  | (4 credits) ..... | [     ] |
| 10. An English 12   | (4 credits) ..... | [     ] |
| 11. Arts Education or Applied Design, Skills &<br>Technology 10, 11 or 12 | (4 credits) ..... | [     ] |
| 12. Career Life Education   | (4 credits) ..... | [     ] |
| 13. Career Life Connections/Capstone                                      | (4 credits) ..... | [     ] |

### **Elective Courses**

**(12 Credits)**

- |                    |                   |         |
|--------------------|-------------------|---------|
| 1. Grade 12 course | (4 credits) ..... | [     ] |
| 2. Grade 12 course | (4 credits) ..... | [     ] |
| 3. Grade 12 course | (4 credits) ..... | [     ] |

One grade 12 elective must be either English First Peoples 12 or BC First Peoples 12 to meet the requirement for all students to have an Indigenous focused course.

**(16 Credits)**

- |                              |                   |         |
|------------------------------|-------------------|---------|
| 4. Grade 10, 11 or 12 course | (4 credits) ..... | [     ] |
| 5. Grade 10, 11 or 12 course | (4 credits) ..... | [     ] |
| 6. Grade 10, 11 or 12 course | (4 credits) ..... | [     ] |
| 7. Grade 10, 11 or 12 course | (4 credits) ..... | [     ] |